BEISIT®

倍仕得电气科技(杭州)股份有限公司
BEISIT ELECTRIC TECH (HANGZHOU) CO.,LTD.

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Explosion-proof Enclosure (Box)
防爆箱

Explosion-proof Cable Gland
防爆电缆固定头

Explosion-proof Exd Accessories
隔爆Ex元件

Waterproof, Dustproof and Anti-corrosion Junction Box
防水防尘防腐箱

微信公众号　官网　抖音

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BCH0125

HANGZHOU • CHINA

倍仕得园区鸟瞰图
Beisit factory Overview

产品合集
Product Collection

做人，把人品做好。
做企业，把产品做好。

董事长：

品牌解析
Brand Definition

"I" stands for "Integrity 诚信"
"I" stands for "International 国际"
"BEST": Best 最好

做诚信的国际企业，以更好的品质服务客户
Functions as an international company of high integrity whose misson is to provide customer with finest products and services

倍仕得

倍：即多，广聚英才；加倍，业精于勤；倍增，高效发展
pronounced as "bei", means “more”, gathering more talents;mastery of work comes from more diligence; developing with high efficiency.
仕：人才，德才兼备；仕途，个人和企业前景光明
pronounced as "shi", means“talents”，a person with ability and integrity; Both enterprise and individual should have a bright future, indicating the idea of people-oriented.
得：拥有，拥有更高价值
pronounced as "de",means “possess”, to create and possess higher value.

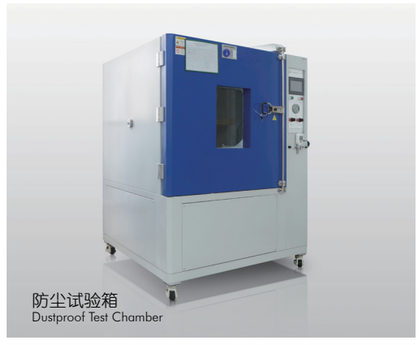
广聚英才，共创美好未来
Gather a large number of talents, and create a glorious future

检测中心
Testing Center

专业的检测设备
Professional Testing Equipment

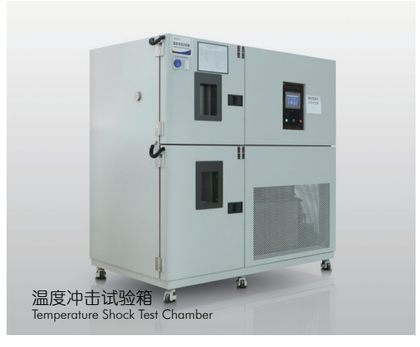
倍仕得产品检验遵循德国DIN、VDE标准和美国UL标准
Product Tests follow German standard of DIN, VDE and American UL Standard.
产品符合欧洲最新EN标准和ATEX标准
Comply with Lastest of EN and ATEX European standard.

高低温交变湿热试验箱
High and Low Temperature Alternating Humid Heat Test Chamber



防尘试验箱
Dustproof Test Chamber

防水试验箱
Waterproof Test Chamber



温度冲击试验箱
Temperature Shock Test Chamber

万能材料试验机
Universal material Test Machine

水平垂直燃烧测试仪
Horizontal and Vertical Combustion Tester

紫外老化试验箱
UV Aging Test Chamber

高温试验箱
High Temperature Test Chamber

一体式马弗炉
Integrated Muffle Furnace

企业认证
Company Certifications

IATF 16949:2016 | IRIS Certification | ISO9001 | ISO14001 | ISO45001 | IECEx-QAR | ATEX-QAN

信息化系统
Informatization System

BEISIT®

高效快捷的信息化系统
Efficient and fast Informatization system.

产品认证
Product Certifications

IECEx

ATEX

CE

CCC

CJEX

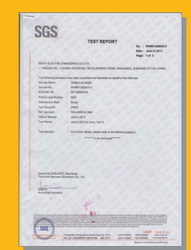
产品测试
Product Tests

RoHS

耐寒试验
Cold resistance test

耐热试验
Heat resistance test

拉力试验
Tensile test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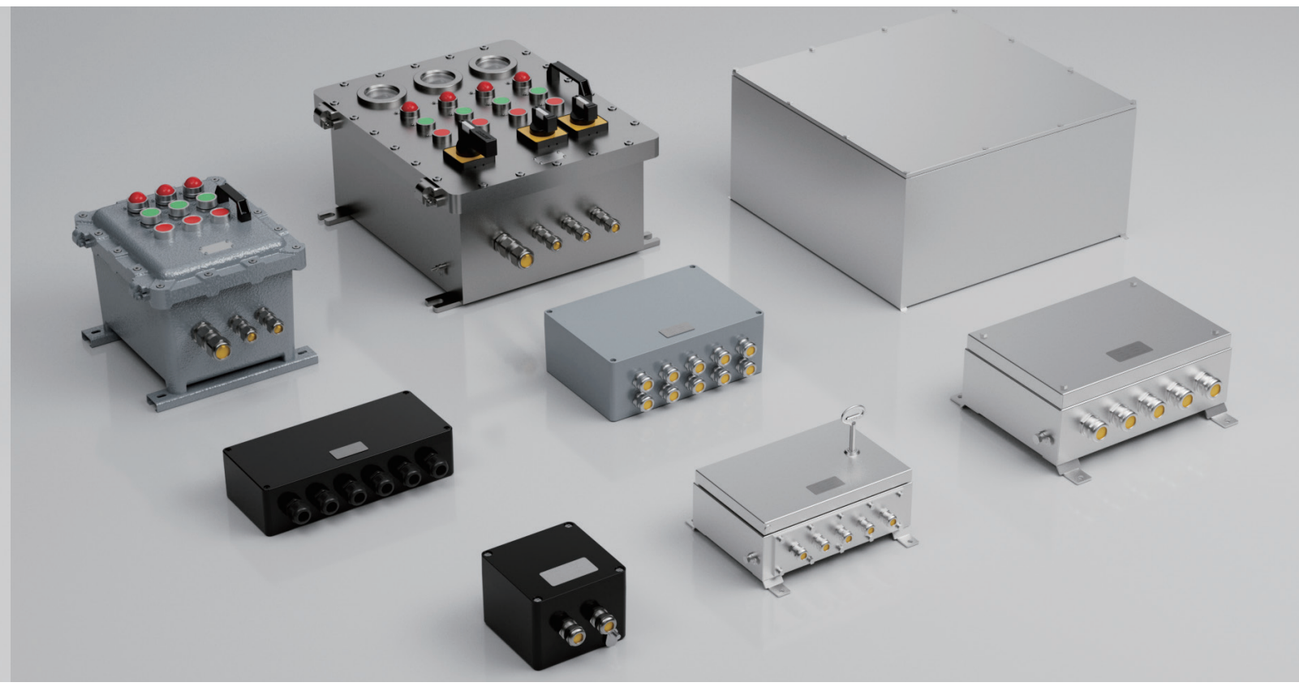


企业文化
Corporate Culture

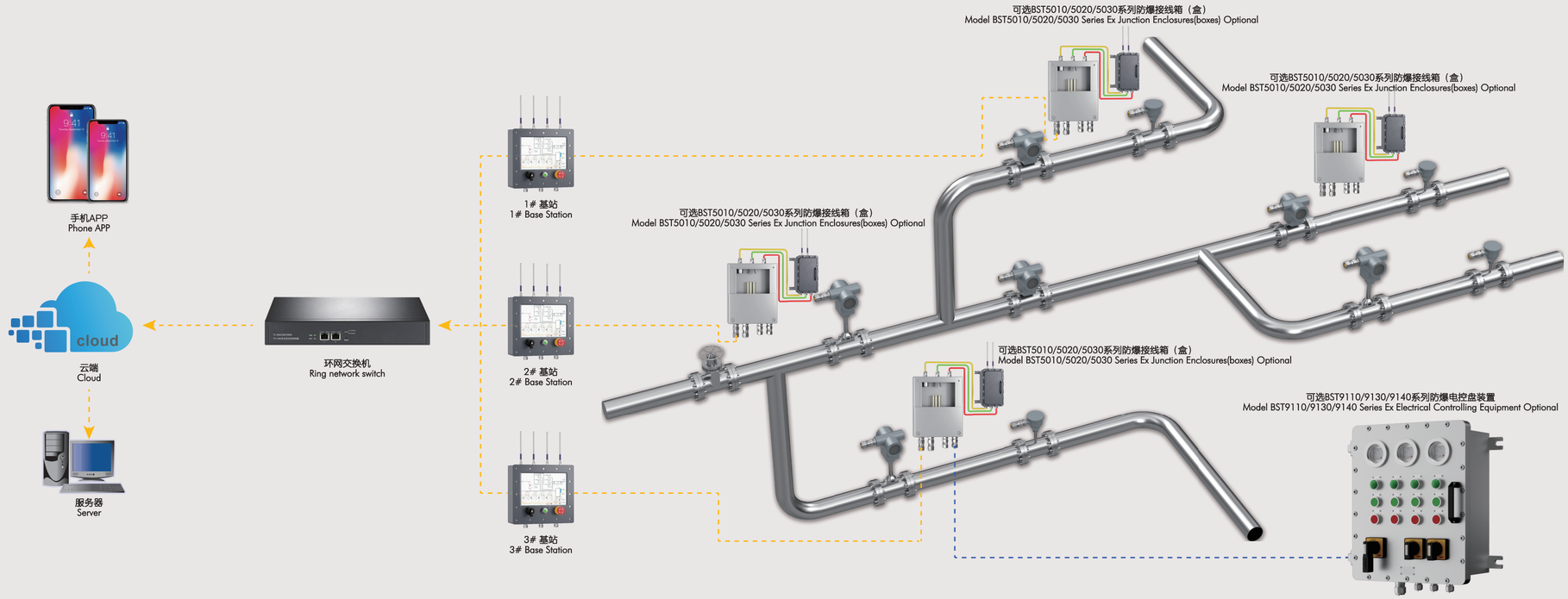
BEISIT

倍仕得使命：为全球工业提供最可靠的连接器产品
Mission: To supply most reliable connectors for global industry.

客户价值观：敬畏客户；为客户创造独特价值的决心不动摇
Customer Value: Revere clients; Never waver in determination to create unique value for our clients.

品质价值观：品质如命，只有一次；做出100%合格产品的决心不动摇
Quality Value: Quality as life, only once. Never waver in determination to produce 100% qualified products.

爆炸性环境——防爆接线箱智能安全监测系统架构
Ex Environment -- Architecture of Intelligent Safety Monitoring System for Ex Junction Box



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隔爆型防爆电缆固定头 Ex-proof Exd Cable Gland P95-131

防爆附件 Explosion-Proof Accessories P132-146

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防水防尘防腐箱 Waterproof, Dustproof and Anti-corrosion Junction Box P165-173

应用领域
Application Fields

Ⅰ类

矿用防爆领域 **Explosion-proof Fields For Mines**	矿用防爆领域：煤矿、矿山具有瓦斯等爆炸性气体突出的场所。 Coal mines, mines where full of gas and other explosive gases.

Ⅱ类

工厂用防爆领域 **Explosion-proof Field For Factory**	工厂用防爆领域：除煤矿、矿山外的所有场所，如：石油、天然气、化工、轻纺、医药、军工等企业。 All places except coal mines and mines, such as petroleum, natural gas, chemical, textile, pharmaceutical, military and other industries.

煤矿 Coal Mine

煤矿 Coal Mine

煤矿 Coal Mine

化工 Chemical Industry

化工 Chemical Industry

生物制药 Pharmaceuticals

石油 Petroleum

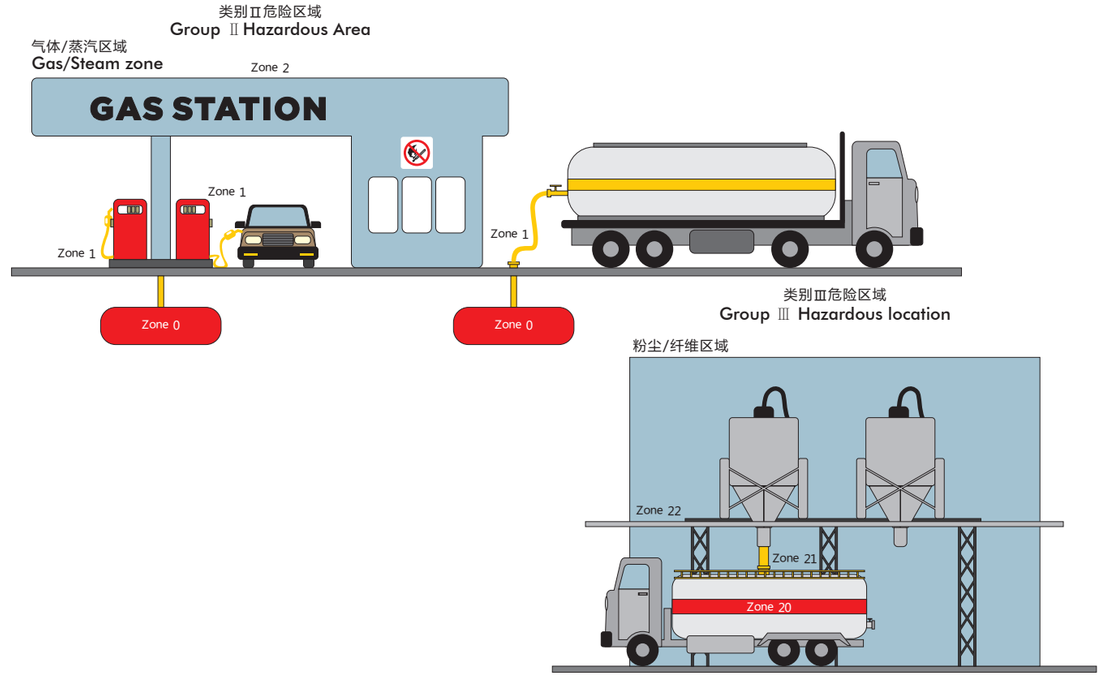
石油 Petroleum

天然气 Natural Gas

产生爆炸的三大条件 **Three Conditions for Explosion**	（1）燃料; （2）氧气; （3）火源. （1）Fuel （2）Oxygen （3）Fire Source

以上任意一个条件缺失，就不会产生爆炸。 Absence of above conditions,there will be no explosion.

潜在爆炸环境 **Potentially Explosive Atmospheres**	潜在爆炸环境是指有可燃物和氧气的混合环境，氧气作为空气的一部分普遍存在于周围环境中。如果氧气含量低于可燃物所需的阈值，即氧气极限浓度，那么这样的混合物就不会被点燃。 Potentially explosive environment refers to a mixture of combustibles and oxygen, Oxygen is ubiquitous in the environment as a part of the air. If the oxygen content is below the threshold required for combustible combustion, known as the oxygen limit concentration, then such mixtures will not be ignited.



危险性区域定义 Hazardous area definition

气体 **Gas**	0区 Zone 0	易燃易爆气体持续存在或长时间存在的区域（如每年超过1000小时）。 Areas where flammable and explosive gases persist or exist for a long time (such as more than 1,000 hours per year).
	1区 Zone 1	易燃易爆气体在正常运行状态时存在的区域（如每年10–1000小时）。 Areas where flammable and explosive gases exist during normal operation (such as 10-1000 hours per year).
	2区 Zone 2	易燃易爆气体在正常运行状态时通常不存在，但如果有也仅存在短暂的时间（如每年少于10小时）。 Areas where flammable and explosive gases usually do not exist during normal operation, but if there are, they only exist for a short time (such as less than 10 hours per year).
粉尘 **Dust**	20区 Zone 20	爆炸性粉尘或可燃纤维与空气的混合物体持续存在或长时间存在的区域。 Areas where explosive dust or a mixture of combustible fibers and air persists or exists for a long time.
	21区 Zone 21	爆炸性粉尘或可燃纤维与空气的混合物可能出现的区域。 Areas where explosive dust or a mixture of combustible fibers and air may occur.
	22区 Zone 22	爆炸性粉尘或可燃纤维与空气的结合物不可能出现，即使出现也是偶尔的或短时间的。 Areas where Explosive dust orcombustible fibers combined with airare unlikely to appear, and even if it appears, it is occasional or short-term.

电气设备再分类及其代表性物质
Reclassification of Electrical Equipment and Its Representative Substances

工矿类别 Industrial and Mining Category	气体类别及代表性物质 Gas Categories and Representative Substances			粉尘类别及代表 Dust Category and Representative
矿井下 **Underground**	Ⅰ	甲烷 Methane		
矿井外 **Outside the Mine**	ⅡA	丙烷 Propane	ⅢA	可燃性飞絮 Combustible Flyings
	ⅡB	乙烯 Ethylene	ⅢB	非导电性粉尘 Non-conductive Dust
	ⅡC	氢气 Hydrogen	ⅢC	导电性粉尘 Conductive Dust

设备防护
Equipment protection

设备保护级别、保护特性和运行条件 Equipment protection level, protection characteristics and operating conditions

设备类别 **Equipment Category**	设备保护级别 **EPL**	设备保护特性 **Equipment Protection Features**	运行条件 **Operating Conditions**
Ⅰ类 煤矿 **Group Ⅰ Coal Mine**	Ma 很高 Ma Very high	两个单独保护措施或即使两个故障彼此单独出现依然安全。Two separate safeguards or even if two failures occur separately from each other, they are still safe.	当出现爆炸性环境时设备依然运行。The equipment is operated when an explosive environment is present.
	Mb 高 Mb high	适合正常操作和严酷运行条件。Suitable for normal operation and severe operating conditions.	当出现爆炸性环境时设备断电。When an explosive environment is present, the device is powered off.
Ⅱ类 气体 **Group Ⅱ Gas**	Ga 很高 Ga Very high	两个单独保护措施或即使两个故障彼此单独出现依然安全。Two separate safeguards or even if two failures occur separately from each other, they are still safe.	在0区、1区和2区设备依然运行。Devices are still running in zone 0,zone 1, and zone 2.
	Gb 高 Gb High	适合正常运行和经常出现干扰或正常考虑故障的设备。Suitable for normal operation and equipment that often interferes or normally considers faults.	在1区和2区设备依然运行。The equipment is still running in Zone 1 and Zone 2.
	Gc 一般 Gc General	适合正常运行。Suitable for normal operation.	在2区设备依然运行。The equipment is still running in zone 2.
Ⅲ类 粉尘 **Group Ⅲ Dust**	Da 很高 Da Very high	两个单独保护措施或即使两个故障彼此单独出现依然安全。Two separate safeguards or even if two failures occur separately from each other, they are still safe.	在20区、21区和22区设备依然运行。The equipment is still running in Zone 20, Zone 21 and Zone 22.
	Db 高 Db High	适合正常运行和经常出现干扰或正常考虑故障的设备。Suitable for normal operation and equipment that often interferes or normally considers faults.	在21区和22区设备依然运行。Equipment is still running in Zone 21 and Zone 22.
	Dc 一般 Dc General	适合正常运行。Suitable for normal operation.	在22区设备依然运行。The equipment is still running in zone 22.

防护类型及标准
Protection Type and Standard

设备类别 Equipment Category	EPL等级 EPL Level	防护类型 Type of Protection	代码 Code	IEC标准 IEC Standard	GB标准 GB Standard	适用区域 Applicable Area
Ⅰ类煤矿 **Group Ⅰ Coal Mine**	Ma	浇封型 Encapsulated (Ex m)	ma	IEC 60079-18	GB 3836.9-2006	
		本质安全型 Intrinsically Safe (Ex i)	ia	IEC 60079-11	GB 3836.4-2010	
	Mb	浇封型 Encapsulated (Ex m)	mb	IEC 60079-18	GB 3836.9-2006	
		本质安全型 Intrinsically Safe (Ex i)	ib	IEC 60079-11	GB 3836.4-2010	
		隔爆型 Flameproof (Ex d)	d	IEC 60079-1	GB 3836.2-2010	
		增安型 Increased Safety (Ex e)	e	IEC 60079-7	GB 3836.3-2010	
		正压型 Pressurized (Ex p)	px	IEC 60079-2	GB 3836.5-2004	
		充砂型 Sand-Filled (Ex q)	q	IEC 60079-5	GB 3836.7-2004	
Ⅱ类气体 **Group Ⅱ Gas**	Ga	浇封型 Encapsulated (Ex m)	ma	IEC 60079-18	GB 3836.9-2006	0、1、2
		本质安全型 Intrinsically Safe (Ex i)	ia	IEC 60079-11	GB 3836.4-2010	
	Gb	浇封型 Encapsulated (Ex m)	mb	IEC 60079-18	GB 3836.9-2006	1、2
		本质安全型 Intrinsically Safe (Ex i)	ib	IEC 60079-11	GB 3836.4-2010	
		隔爆型 Flameproof (Ex d)	d	IEC 60079-1	GB 3836.2-2010	
		增安型 Increased Safety (Ex e)	e	IEC 60079-7	GB 3836.3-2010	
		油浸型 Oil-Immersion (Ex o)	o	IEC 60079-6	GB 3836.6-2004	
		正压型 Pressurized (Ex p)	Px&py	IEC 60079-2	GB 3836.5-2004	
		充砂型 Sand-Filled (Ex q)	q	IEC 60079-5	GB 3836.7-2004	
	Gc	浇封型 Encapsulated (Ex m)	mc	IEC 60079-18	GB 3836.9-2006	2
		本质安全型 Intrinsically Safe (Ex i)	ic	IEC 60079-11	GB 3836.4-2010	
		增安型 Increased Safety (Ex e)	e	IEC 60079-7	GB 3836.3-2010	
		无火花型 Non-Sparking (Ex nA)	nA	IEC 60079-15	GB 3836.8-2003	
		有火花型 Spark-Containing	nC	IEC 60079-15	GB 3836.8-2003	
		限制呼吸型 Restricted Breathing (Ex nR)	nR	IEC 60079-15	GB 3836.8-2003	
		限制能量型 Energy-Limited	nL	IEC 60079-15	GB 3836.8-2003	
		正压型 Pressurized (Ex p)	pz	IEC 60079-2	GB 3836.5-2004	
Ⅲ类粉尘 **Group Ⅲ Dust**	Da	浇封型 Encapsulated (Ex m)	ma	IEC 60079-18	GB 12476.6-2010	20、21、22
		本质安全型 Intrinsically Safe (Ex i)	ia	IEC 60079-11	GB 12476.4-2010	
		外壳保护型 Enclosure Protection (Ex t)	ta	IEC 60079-31	IEC 61241-1	
	Db	浇封型 Encapsulated (Ex m)	mb	IEC 60079-18	GB 12476.6-2010	21、22
		本质安全型 Intrinsically Safe (Ex i)	ib	IEC 60079-11	GB 12476.4-2010	
		外壳保护型 Enclosure Protection (Ex t)	tb	IEC 60079-31	IEC 61241-1	
		正压型 Pressurized (Ex p)	p	IEC 61241-4	GB 12476.7-2010	
	Dc	浇封型 Encapsulated (Ex m)	mc	IEC 60079-18	GB 12476.6-2010	22
		本质安全型 Intrinsically Safe (Ex i)	ic	IEC 60079-11	GB 12476.4-2010	
		外壳保护型 Enclosure Protection (Ex t)	tc	IEC 60079-31	IEC 61241-1	
		正压型 Pressurized (Ex p)	p	IEC 61241-4	GB 12476.7-2010	

注：根据我国国情，部分增安型"e"仅适用于2区，详见GB 3836.15-2000.
Note: According to Chinese national conditions, some increased safety types "e" are only applicable to Zone 2. For details, see GB 3836.15-2000.

IP防护等级（第一位数字表示对应防尘等级）

数字	防护范围	说明
0	无防护	对外界的人或物无特殊的防护
1	防止直径大于50mm的固体外物侵入	防止人体（如手掌）因意外而接触到电器内部的零件，防止较大尺寸（直径大于50mm）的外物侵入
2	防止直径大于12.5mm的固体外物侵入	防止人的手指接触到电器内部的零件，防止中等尺寸（直径大于12.5mm）的外物侵入
3	防止直径大于2.5mm的固体外物侵入	防止直径或厚度大于2.5mm的工具、电线及类似的小型外物侵入而接触到电器内部的零件
4	防止直径大于1.0mm的固体外物侵入	防止直径或厚度大于1.0mm的工具、电线及类似的小型外物侵入而接触到电器内部的零件
5	防止外物及灰尘	完全防止外物侵入，虽不能完全防止灰尘侵入，但灰尘的侵入量不会影响电器的正常运作
6	防止外物及灰尘	防止外物及灰尘

IP防护等级（第二位数表示对应防水等级）

数字	防护范围	说明
0	无防护	对水或湿气无特殊的防护
1	防止水滴浸入	垂直落下的水滴（如凝结水）不会对电器造成损坏
2	倾斜15度时，仍可防止水滴浸入	当电器由垂直倾斜至15度时，滴水不会对电器造成损坏
3	防止喷洒的水浸入	防雨或防止与垂直的夹角小于60度的方向所喷洒的水侵入电器而造成损坏
4	防止飞溅的水浸入	防止各个方向飞溅而来的水侵入电器而造成损坏
5	防止各个方向飞溅而来的水侵入电器而造成损坏	防止来自各个方向由喷嘴射出的水侵入电器而造成损坏
6	防止大浪浸入	装设于甲板上的电器，可防止因大浪的侵袭而造成的损坏
7	防止浸水时水的浸入	电器浸在水中一定时间或水压在一定的标准以下，可确保不因浸水而造成损坏
8	防止沉没时水的浸入	电器无限期沉没在指定的水压下，可确保不因浸水而造成损坏
9K	/	能够承受EN60529和DIN 4050-9中定义的热蒸汽冲刷测试，能够提供水压在100bar，温度80℃的防护。压力直接应用咋感应器上， 以30度的角度递进（0.30.60.90）在每个角度持续三十秒，共120秒，能够防止水进入。

IP防护指南 IP Protection Classification

International Protection, EN 60529

1.Code	Protection against human access to hazardous parts	Non-protected	Protected against access to hazardous parts with the back of the hand	Protected against access to hazardous parts with a finger	Protected against access to hazardous parts with a tool larger in diameter than 2.5mm	Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Protected against access to hazardous parts with a wire larger in diameter than 1,0mm	Protected against access to hazardous parts with a wire larger in diameter than 1,0mm
2.Code	Protection of equipment against penetration of solid foreign objects	Non-protected	Protected against solid foreign objects larger in diameter than 50mm	Protected against solid foreign objects larger in diameter than 12,5mm	Protected against solid foreign objects larger in diameter than 2,5mm	Protected against solid foreign objects larger than 1mm	Prevents penetration of dust sufficient to cause damage inside the equipment	Dust proof
Protection of water	IP 0 x	IP 1 x	IP 2 x	IP 3 x	IP 4 x	IP 5 x	IP 6 x	
IP x 0	IP 00	IP 10	IP 20	IP 30	IP 40	IP 50	IP 60	
IP x 1		IP 11	IP 21	IP 31	IP 41	IP 51	IP 61	
IP x 2		IP 12	IP 22	IP 32	IP 42	IP 52	IP 62	
IP x 3			IP 23	IP 33	IP 43	IP 53	IP 63	
IP x 4				IP 34	IP 44	IP 54	IP 64	
IP x 5						IP 55	IP 65	
IP x 6							IP 66	
IP x 7							IP 67	
IP x 8							IP 68	
IP x 9/9K							IP 69/69K	

No special protection against water or moisture	
Dropped drops of water (such as condensed water) will not cause damage to the appliance	
When the appliance is tilted vertically to 15 degrees, the water will not damage the appliance	
Prevent rain or water from intruding into appliances with a vertical angle less than 60 degrees to cause damage	
Prevent splashing water in all directions from entering the appliance and causing damage	
Prevent water from various nozzles from entering the appliance and causing damage	
Electric appliances installed on the deck prevent damage caused by large waves	
The electric appliance is immersed in water for a certain period of time or the water pressure is below a certain standard to ensure that it is not damaged due to flooding	
The appliance sinks indefinitely under the specified water pressure, ensuring no damage due to flooding	
It can withstand the hot steam flush test defined in EN60529 and DIN 4050-9 and can provide protection against 100 bar pressure and a temperature of 80°C. The pressure is applied directly to the helium sensor, progressing at a 30 degree angle (0.30.60.90) for 30 seconds at each angle for a total of 120 seconds, preventing water from entering.	

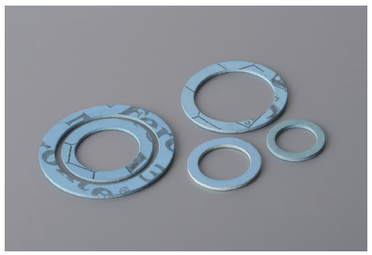
Product Material Abbreviations

CR	Chloroprene rubber	PP	Polypropylene
FPM	Fluorelastomer	PVC	Polyvinylchloride
Ms	Nickel plated brass	PVDF	Polyvinylidenfluoride
NBR	Buna-N	SB	Styrene Butadiene
PA	Polyamide	VMQ	Silicone
PE	Polyethylene		

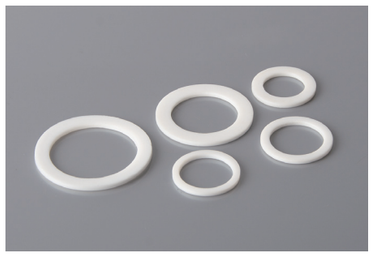
密封材料的选用
Selection of Sealing Materials

名称牌号 Name	材料特性 Properties of Materials	应用 Application
硅橡胶 **Silicone**	1.高温性能：在200℃以上的高温环境下，硅橡胶仍能保持一定的柔韧性、回弹性和表面硬度，且力学性能无明显变化。 2.低温性能：硅橡胶的玻璃化温度为-70~-50℃，特殊配方可达到-100℃。 3.电气性能：硅橡胶具有优异的绝缘性能，耐电晕性和耐电弧性好。 4.物理机械性能：硅橡胶常温下的物理机械性能比通用橡胶差，但在150℃的高温和-50℃的低温下，其物理机械性能优于通用橡胶。 5.耐油及化学试剂性;普通硅橡胶具有中等的耐油、耐溶剂性能。 1. High temperature: above 200 ℃ high temperature environment, silicone rubber can still maintain a certain degree of flexibility, elasticity and hardness, and no significant changes in mechanical properties. 2. Low temperature: silicone rubber glass transition temperature -70~-50 ℃, special formulations could reach -100 degrees centigrade. 3. Electrical performance: silicone rubber has excellent insulating properties, Corona resistance and good arc resistance. 4. Physical and mechanical properties: mechanical properties of silicone rubber is not as good as common rubber at normal temperature. But it's much better than common rubber at 150 ℃ high temperature and the low temperature of-50℃. 5. Oil and chemical resistance: ordinary silicone is with moderate oil resistance and solvent resistance.	硅橡胶密封件在极限温度及压力下，有良好的适用性。 Excellent high and low temperature properties. Fair physical properties.
无石棉 **Asbestos Free**	具有高的拉伸强度，低的吸油性，同时具有良好的压缩性及回弹性，耐热性优良。 It has high tensile strength, low oil absorption, good compressibility and resilience, and excellent heat resistance.	用于蒸汽、酸、碱、油类溶剂等介质，广泛用于化工、轻工、炼油、机械、汽车、煤气、天然气等行业。 Used for steam, acid, alkali, oil solvent and other media, widely used in chemical industry, light industry, oil refining, machinery, automobile, gas, natural gas and other industries.
PTFE 聚四氟乙烯	优异的耐高低温性能，很好的电绝缘性能、耐候性、阻燃性良好，化学性能稳定。 Excellent high and low temperature resistance, good electrical insulation, weather resistance, good flame retardancy, stable chemical properties.	用于化工、石油、纺织、电子电气、医疗、机械等领域。 Used in chemical, petroleum, textile, electronic and electrical, medical, machinery and other fields.
倍仕得特殊定制弹性体 **The Special Customize Rubber Parts of Beisit.**	1.具有优异的绝缘性能，耐电晕性和耐电弧性良好。 2.具有良好的的耐油、耐溶剂性能。 1. Excellent insulation properties, good corona resistance, and arc resistance. 2. Good oil and solvent resistance.	本产品多用于防爆等项目领域。 Application for Explosion Proof, etc.

无石棉 Asbestos Free

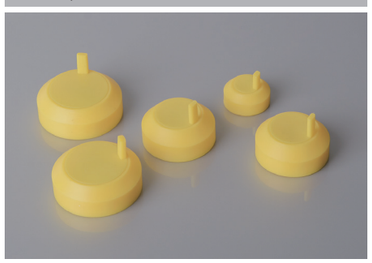


聚四氟乙烯 PTFE



硅橡胶 SR

倍仕得特殊定制弹性体
The special Customize Rubber Parts of Beisit



各种材料特性与表面处理
Properties and Surface Treatment for Various Materials

名称牌号 Name		材料特性 Properties of Materials	应用 Application
尼龙 ***Nylon***	PA6	碳纤维增强尼龙6符合材料具有优良的尺寸稳定性及优异的机械强度。能满足静电消散和静电放电防护的要求。材料经特殊配制，适用于从0到10欧姆的表面电阻范围，可用于注塑及挤出等成型。导电尼龙6有很多超越金属优点：零件质轻、强度高、耐腐蚀、耐磨、耐高温等特点。 Carbon fiber reinforced nylon 6 conforms to the material with excellent dimensional stability and excellent mechanical strength. It can meet the requirements of electrostatic dissipation and electrostatic discharge protection. The material is specially formulated, suitable for the surface resistance range from 0 to 10 ohms, and can be used for injection molding and extrusion molding. Conductive nylon 6 has many advantages over metal: light parts, high strength, corrosion resistance, wear resistance, high temperature resistance and other characteristics.	广泛应用于机械、仪器仪表、电子、电器、铁路、家电、通讯、等电器工程。 Widely used in machinery, instrumentation, electronic appliances, railways, home appliances, communications, and other electrical engineering.
黄铜 ***Brass***	HPb59-1	HPb59-1是应用较广的铅黄铜，可切削性好，有良好的力学性能，能承受冷、热压力加工，易纤焊和焊接，对一般腐蚀有良好的稳定性，但有腐蚀破裂倾向。 HPb59-1 is a widely used lead brass with good machinability and good mechanical properties. It can withstand cold and hot pressure processing, it's easy to be wired and welded, and has good stability to general corrosion, but it has corrosion cracking tendency.	适于以热冲压和切削加工制作得各种结构零件，如螺钉、垫圈、衬套、螺帽、喷嘴等。 It is suitable for various structural parts such as screws, washers, bushings, nuts, nozzles, etc. produced by hot stamping and cutting processing.
	H62	在黄铜中加1%锡能显著改善铜的抗海水和海洋大气腐蚀的能力，因此称为海军黄铜；锡黄铜在海水中有高的耐腐蚀性，有良好的力学性能，可切削性好，易焊接和纤焊。 Adding 1% tin in brass can significantly improve the ability of copper to resist the corrosion of seawater and ocean atmosphere, so it is called navy brass; tin brass has high corrosion resistance in seawater, has good mechanical properties, and can be cut Good performance, easy to be welded and fiber welded.	在造船工业中广泛应用于制造与海水、汽油等接触的零件（表面无需镀镍处理）。 In the shipbuilding industry, it is widely used to manufacture the parts which contact with sea water, gasoline, etc. (the surface do not need to be nickel-plated).
不锈钢 ***Stainless Steel***	304	作为一种用途广泛的钢，具有良好的耐蚀性、耐热性，低温强度和机械特性；冲压、弯曲等热加工性好，无热处理硬化现象（无磁性，使用温度-196℃-800℃）。 As a widely used steel, it has good corrosion resistance, heat resistance, low temperature strength and mechanical properties; good hot workability such as stamping and bending, no heat treatment hardening phenomenon (non-magnetic, use temperature -196℃-800℃).	广泛应用于食品生产设备、汽车配件、医疗器具、建材、船舶部件等。 Widely used in food production equipment, auto parts, medical appliances, building materials, ship parts, etc.
	316	因添加钼，故其耐蚀性、耐大气腐蚀性和高温强度特别好，可在苛酷的条件下适用；加工硬化性优（无磁性）。 Due to the addition of molybdenum, its corrosion resistance, atmospheric corrosion resistance and high temperature strength are particularly good, and it can be applied under harsh conditions; excellent work hardening (non-magnetic).	广泛应用于海水里用的设备、化工、染料、造纸、草酸、肥料等生产设备；食品工业、沿海地区设施、绳索、螺栓、螺母等。 Widely used in the equipment which used in sea water, chemical industry, dyes, papermaking, oxalic acid, fertilizer and other production equipment; food industry, coastal facilities, ropes, bolts, nuts, etc.
	316L	作为316钢种的低碳系列，除与316 钢有相同的特性外，其抗晶界腐蚀性优。 As a low-carbon series of 316 steel, besides the same characteristics as 316 steel, it has excellent grain boundary corrosion resistance.	对抗晶界腐蚀性有特别要求的产品。 Products with special requirements for anti-grain boundary corrosion.

各种材料特性与表面处理
Properties and Surface Treatment for Various Materials

表面处理——黄铜镀镍说明 Surface Treatment - notes for Nickel Plated Brass

1.电镀是利用电源能将镍阳离子转换成金属镍沉积到阳极上；黄铜镀镍是利用化学还原的方法，将镍阳离子还原成金属镍并沉积在基体（黄铜）表面上，赋予制品特殊的表面性能。
例如：赋予制品多种色彩、较强的耐腐蚀性/耐磨性，镀层结晶细致、平滑光亮、内应力小，导电性能极佳。

1. The electroplating is a process that uses electric current to transform Nickel cation into metal nickel deposition on the anode; Nickel-plated brass is a process that uses chemical reduction to reduce Nickel cations into metal nickel deposition on the surface of the substrate (brass), giving the special surface properties to the products. For example: giving products a variety of colors, strong corrosion resistance/wear resistance, exquisite crystallization on coating , smooth and bright, small internal stress and good electroconductivity.

2.化学电镀是采用金属盐和还原剂，在材料表面上发生自催化反应获得镀层；黄铜镀镍是利用还原剂在活化零件（黄铜）表面上自催化还原沉积得到镀层。化学镀镍制品的主要特点是：镀层厚度均匀，致密性好、镀层附着力强、深度能力强、抗腐蚀能力好。

2. The electroless plating is a process that uses metal-salt and reducing agent to produce autocatalytic reaction on the material surface in order to obtain coating; Nickel-plated brass is a process that uses reducing agent to produce autocatalytic reduction deposition on activation parts (brass) surface in order to obtain coating. The main Properties of electroless nickel plated products are: well-distributed coating thickness, good compactness, coating adhesion, and plating depth capability, good corrosion resistance.

倍仕得可以为您提供两种镀镍形式 Beisit Can Provide You With Two Kinds of Nickel Plating Methods

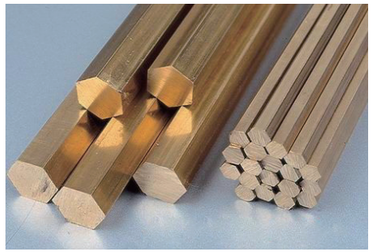
1.电镀 1. Electroplating	2.化学镀镍 2. Electroless Nickel Plating

备注：化学镀镍仿真能力强，能在复杂零件表面沉积，深度能力强，镀层厚度比电镀厚，镀层烧氢后无起皮、镍泡等缺陷，同时由于化学镀镍速度较慢，对未镀产品表面处理要求较高，成本相对电镀较高。

Note: Electroless nickel plating is much stronger by comparison. It bonds with the surface of complex parts, with strong depth capability, thicker coating than electroplating, no defects on the coating such as peeling, or nickel bubbling after the hydrogen burning. However, due to the slow speed, electroless nickel plating requires a better surface treatment of unplated products. So its cost is relatively higher than electroplating.

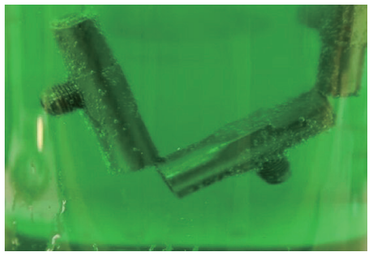
不锈钢 Stainless Steel

黄铜 Brass



电镀 Electroplating

化学镀镍 Electroless Plating

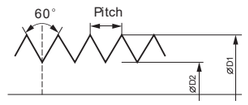


胶泥材料的选用
Selection of Mastic Materials

类型 Type	胶泥—（固态）Type 1(Solid)	AB树脂（液态）AB Resin(Liquid)
颜色 Color	A组份：天空蓝色； Component A: sky blue; B组份：晚霞红色。 ComponentB: sunset red.	A组份：淡黄色；Component A: yellowish; B组份：墨绿色。ComponentB: dark green.
化学类型 Chemical type	环氧树脂、固化剂 Epoxy resin, curing agent	丙烯酸、固化剂 Acrylic, curing agent
性能参数 Performance parameters	(1)氧指数≥45 (2)滞燃性≤60mm (3) 水密性：（0.098MPa保持1h）不渗水 (4) 密度：（20℃）1.50-1.8g/cm² (5) 耐人造海水性：在人造海水中浸泡一个月无异常 (6) 耐酸性：在10%HCL溶液中浸泡一个月无异常 (7) 耐腐蚀性：在10%NaOH溶液中浸泡一个月无异常 (8) 耐油性：在20#机油或0#柴油中浸泡一个月无异常 (9) 对铜、铝、钢、不锈钢的腐蚀 无 (10) 对塑料电缆护套的影响 无 (11) 对橡胶塑料电缆护套的影响 无 (1)Oxygen index≥45 (2)Flame retardancy ≤60mm (3)Water tightness: (0.098MPa for 1h) impermeable (4)Density: (20℃) 1.50-1.8g/cm² (5)Artificial seawaterResistance: no abnormality after soaking for one month (6)Acid resistance: no abnormality after soaking in 10%HCL solution for one month (7)Corrosion resistance: no abnormality after soaking in 10% NaOH solution for one month (8)Oil resistance: no abnormality after soaking in 20# engine oil or 0# diesel oil for one month (9)Corrosion of copper, aluminum, steel and stainless steel: none (10)Impact on plastic cable sheath: none (11)Impact on rubber plastic cable sheath: none	(1)密度：（20℃）1.0-1.1g/cm² (2)耐湿热老化性能：双85湿热老化30天无异常 (3)耐冷热交替循环性能： 80℃2H～20℃1H-40℃2H～20℃1H循环后无异常 (1)Density:（20℃）1.0-1.1g/cm² (2)Hygrothermal aging resistance: Double 85 hygrothermal aging for 30 days without abnormality (3)Cold and hot cycle resistance: 80℃2H～20℃1H-40℃2H～20℃1H, no abnormality after cycle
操作方法 Operation	(1)混合比例：将AB两组份化合物以重量1:1均匀揉至成胶泥本色，即可使用。 (2)操作时间：揉和好的填料必须在30分钟内使用完毕，以防硬固。 (3)固化时间：室温20℃ 2-3小时。 (1)Mixing ratio: Compound A and B at a weight of 1:1，the putty is only properly mixed when the two parts are hand moulded into an “natural color” (2)Operating time: The mixed putty must be used within 30 minutes in case hardening. (3)Curing time: 2-3 hours at 20℃ at room temperature	(1)混合比例：将AB两组份化合物以重量1:1混合搅拌至胶泥本色，即可使用。 (2)操作时间：揉和好的填料必须在7分钟内使用完毕，以防硬固。 (3)固化时间：室温25℃ 2-3小时。 (1)Mixing ratio: Compound A and B at a weight of 1:1，the compound is only properly mixed when the two parts are stirred into an “natural color”. (2)Operating time: The kneaded filler must be used within 7 minutes to prevent hardening. (3)Curing time: room temperature 25℃ 2-3 hours
凝固后的机械性性能 Mechanical properties after solidification	剪切应力：≤400Mpa Shear stress：≤400Mpa	剪切应力：≥23 Mpa Shear stress：≥23 Mpa
连续操作温度（COT） Continuous operation temperature (COT)	-70℃～160℃	-65℃～180℃
材料特性 Properties of Materials	AB型防爆电缆密封胶泥是一种高科技的密封材料，它具有防爆、绝缘、阻燃、水密和 耐压的多重特性。 AB type explosion-proof cable mastic materials is a high-tech sealing material, which has multiple characteristics of explosion-proof, insulation, flame-retardant, watertight and pressure resistance.	
应用领域 Application	广泛应用于一切水面船舶、战斗舰艇、电力部门、高层建筑、石油化工及防爆配电箱（柜）等其他场合的密封作用，同时也可以广泛用于金属、塑料管的密封和地下建筑、电缆贯穿部分的密封、防水、阻烟。 It is widely used in sealing of all surface ships, combat vessels, power departments, high-rise buildings, petrochemical industry and explosion-proof distribution boxes (cabinets) and other occasions. It can also be widely used in sealing of metal and plastic pipes and sealing, waterproofing and smoke blocking of underground buildings and cable penetration parts.	

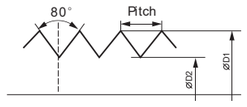
技术螺纹规格说明
Technical Information

M型公制螺纹标准（适用于全球大部分地区） Metric ISO Thread Specifications



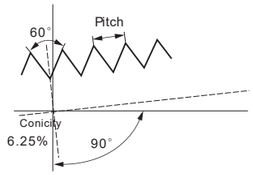
Size 螺纹规格	Pitch mm 牙距	Outside(ØD1) mm 螺纹外径	Inside(ØD2) mm 螺纹内径	Thru-hole mm 开口尺寸
M 12 x1,5	1,5	12	10,13	12,2
M 16 x1,5	1,5	16	14,13	16,2
M 20 x1,5	1,5	20	18,13	20,2
M 25 x1,5	1,5	25	23,13	25,2
M 32 x1,5	1,5	32	30,13	32,3
M 40 x1,5	1,5	40	38,13	40,3
M 50 x1,5	1,5	50	48,13	50,4
M 63 x1,5	1,5	63	61,13	63,4
M 75 x2	2	75	71,8	75,5

PG螺纹标准（主要适用于欧洲区域） PG Thread Specifications



Size 螺纹规格	Pitch mm 牙距	Outside(ØD1) mm 螺纹外径	Inside(ØD2) mm 螺纹内径	Thru-hole mm 开口尺寸
PG 7	1,270	12,5	11,28	12,7
PG 9	1,410	15,2	13,86	15,4
PG 11	1,410	18,6	17,26	18,8
PG 13,5	1,410	20,4	19,06	20,6
PG 16	1,410	22,5	21,16	22,7
PG 21	1,588	28,3	26,78	28,5
PG 29	1,588	37,0	35,48	37,3
PG 36	1,588	47,0	45,48	47,3
PG 42	1,588	54,0	52,48	54,4
PG 48	1,588	59,3	57,78	59,7

NPT标准螺纹（主要适用于北美地区） NPT Thread Specifications



Size 螺纹规格	Pitch mm 牙距	Outside(ØD1) mm 螺纹外径	Pitch Number n 牙间距数量	Thru-hole mm 开口尺寸
1/4"NPT	1,411	13,716	18	13.9
3/8"NPT	1,411	17,145	18	17.3
1/2"NPT	1,814	21,336	14	21.5
3/4"NPT	1,814	26,67	14	26.9
1"NPT	2,208	33,4	11 1/2	33.7
1 1/4"NPT	2,208	42,164	11 1/2	42.5
1 1/2"NPT	2,208	48,26	11 1/2	48.6
2"NPT	2,208	60,325	11 1/2	60.7
2 1/2"NPT	3,175	73,025	8	73.4
3"NPT	3,175	88,9	8	89.3
3 1/2"NPT	3,175	101,6	8	102.0

盐雾测试
Salt Spray Test

覆盖层破坏类型的分类 Classification of the Types of Overlay Damage

评级 Grading	描述 Description
A	覆盖层损坏所致的斑点的颜色变化(与明显的基体金属腐蚀产物的颜色不同) The color change of spots resulting from damage to the coating layer (distinct from the color of visible base metal corrosion products)
B	很难看得见，甚至看不见的覆盖层腐蚀所致的发暗 Subtle darkening caused by barely visible or even imperceptible coating layer corrosion
C	阳极性覆盖层的腐蚀产物 Corrosion products of anodic coatings
D	阴极性覆盖层的腐蚀产物 Corrosion products of cathodic coatings
E	表面点蚀(腐蚀坑可能未扩展到基体金属) Surface pitting (corrosion pits may not extend to the base metal)
F	碎落，起皮，剥落 laking, peeling, delamination
G	鼓泡 Blistering
H	开裂 Cracking
I	龟裂 Crazing
J	鸡爪状或星状缺陷 Crow's foot or star-shaped defects

油漆涂层腐蚀程度对照表 Corrosion Degree Comparison Table of Paint Coatings

评级 Grading	简述 Brief Description	判定标准 Evaluation Criteria
一级 Grade 1	轻微变色 Slight Discoloration	漆膜无气泡，生锈、脱落、点蚀、裂纹等现象 Coating free from blistering, rusting, flaking/peeling, pitting, or cracking
二级 Grade 2	明显变色 Noticeable Discoloration	漆膜表面起微泡面积小于50%局部小泡面积在4%以下;中泡面积在1%以下; 锈点直径在0.5mm 以下;漆膜无脱落 Micro-blistering covering <50% surface area.Localized small blisters <4% area. Medium blisters <1% area.Rust spots with diameter <0.5mm.Coating free from flaking/peeling
三级 Grade 3	严重变色 Severe Discoloration	漆膜表面起微泡面积超过50%;小泡面积在5%以上;出现大泡锈点面积在2%以上; 漆膜出现脱落现象 Micro-blistering >50% surface area.Small blisters >5% area. Large blisters and/or rust spots >2% area.Presence of flaking/peeling

连续雾化时间表 Continuous Atomization Time Schedule

NO.	材质 Material	表面处理方式 Surface Treatment Method	连续雾化时间 Continuous Atomization Time
1	铜 Copper	镀镍 Nickel Plating	12h
		镀锡 Tin Plating	8h
		先镀镍再镀锡 Nickel Plating First, Then Tin Plating	24h
		镀金 Gold Plating	24h
2	冷轧钢板 SPCC	喷粉末涂料 Spray Powder Coating	96h
		喷油漆 Spray Paint	48h
3	不锈钢 Stainless Steel	304	72h
		316	120h
		316L	168h

增安型防爆箱
Ex e Explosion-proof Box

增安型防爆箱（盒）性能表
Performance Table of Ex e Explosion-proof Box

→ BST5010/20/30E系列 Series

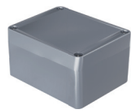
产品系列 Product Series	BST5010E 系列 Series	BST5020E 系列 Series	BST5030E 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester	不锈钢 Stainless Steel (304/316/316L)
密封条 Sealing Strip	硅胶 Silicone Rubber	硅胶 Silicone Rubber	硅胶 Silicone Rubber/PU
表面处理 Surface Treatment	喷塑 Spraying Plastics	/	抛光/拉丝 Polishing/Brushing
环境 Working Environment	室内、室外、石油化工 Indoor, Outdoor, Petrochemical Industry	室内、室外、石油化工、海洋工程 Indoor, Outdoor, Petrochemical Industry, Ocean Engineering	室内、室外、石油化工、海洋工程、食品、低温/高温 Indoor, Outdoor, Petrochemical IndustryOcean Engineering, Food Industry, High/Low Temperature
优势 Advantages	免维护、重量轻、强度高 Maintenance-Free, Light-Weight, High Strength	免维护、重量轻、绝缘性好 Maintenance-Free, Light-Weight, Excellent Eletrical Insulation	免维护、强度高、耐低温、耐高温 Maintenance-Free, High Strength Low Temperature Resistant, High Temperature Resistant
防化学腐蚀 Degree of Chemical Corrosion Resistance	好 Good	很好 Excellent	很好 Excellent
防海水腐蚀 Degree of Seawater Corrosion Resistance	好 Good	很好 Excellent	很好 Excellent
防紫外线 Degree of UV-Proof	很好 Excellent	好 Good	很好 Excellent
特点 Specifications			
最低工作温度 Min Operating Temperature	-55℃	-55℃	-55℃
最高工作温度 Max Operating Temperature	130℃	130℃	130℃
抗冲击力 Impact Resistant	7J	7J	10J
IP防护等级 IP Rating	IP66	IP66	IP66
尺寸 Dimensions			
长x宽x高（最小） H*W*D(min) mm	64*58*36mm	80*75*55mm	100*100*60mm
长x宽x高（最大） H*W*D(max) mm	600*310*110mm	810*400*210mm	1200*1200*400mm

防爆空箱（盒）选型指南
Selection Guide for Explosion-proof Empty Box

BEISIT

→ BST50系列 Series

IEC IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 BST5010E 系列 Series	 BST5020E 系列 Series	 BST5030E 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester	不锈钢 Stainless Steel (304/316/316L)
密封材质 Sealing Material	硅胶 Silicone Rubber	硅胶 Silicone Rubber	PU 点胶硅胶 平板硅胶 Dispensing Silicone Rubber Normal Silicone Rubber
认证类别 Certification Category	IECEx CCC 防爆合格证 Explosion-proof Certificate		
防爆标志 Ex-Mark	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db		
防护等级 IP Rating	IP66		
温度范围 Temperature Range	工作温度： -55℃～+130℃	工作温度： -55℃～+130℃	工作温度： -55℃～+130℃ (Silicone Rubber) -35℃～+80℃(PU)
箱体编号 Box Number	1#～29#	1#～21#	1#～17#
详细页码 Page Number	P17-P19	P20-P22	P23-P25

型号含义 Model Meaning

BST	□	□	□	□	□	□
倍仕得 BEISIT	名称 Name 5：接线箱（盒） Junction Box	属性 Attributes 0：空箱 Empty Box	材质 Material 10：铸铝 Cast Aluminium(ADC12) 20：玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester 30：不锈钢 Stainless Steel (304、316、316L)	箱体尺寸代码 Box Size Code 01# 02# 03#	结构形式 Structure Form 1：螺钉式 Screw Type 2：螺钉+铰链式 Screw + Hinge Type 3：锁+铰链式 Lock + Hinge Type	功能类别 Function Category E：增安型(Ex e)

举例：01#箱体尺寸64*58*36mm，型号即为：BST5010011E
For Example: 01# Box Size 64*58*36mm, The Model is: BST5010011E

防爆接线箱（盒）选型指南
Selection Guide for Explosion-proof Junction Box

BEISIT

→ BST51系列 Series

IEC IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 BST5110E 系列 Series	 BST5120E 系列 Series	 BST5130E 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester	不锈钢 Stainless Steel (304/316/316L)
密封材质 Sealing Material	硅胶 Silicone Rubber	硅胶 Silicone Rubber	PU 点胶硅胶 平板硅胶 Dispensing Silicone Rubber Normal Silicone Rubber
认证类别 Certification Category	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate		
防爆标志 Ex-Mark	Ex eb Ⅱ C T6/T5/T4 Gb Ex ia Ⅱ C T6/T5/T4 Ga Ex ib Ⅱ C T6/T5/T4 Gb Ex tb Ⅲ C T80℃/T95℃/T130℃ Db	㉾Ⅱ 2 G Ex eb Ⅱ C T6/T5/T4 Gb ㉾Ⅱ 1 G Ex ia Ⅱ C T6/T5/T4 Ga ㉾Ⅱ 2 G Ex ib Ⅱ C T6/T5/T4 Gb ㉾Ⅱ 2 D Ex tb Ⅲ C T80℃/T95℃/T130℃ Db	
防护等级 IP Rating	IP66		
温度范围 Temperature Range	环境温度： T6(-55℃≤Ta≤+40℃) T5(-55℃≤Ta≤+55℃) T4(-55℃≤Ta≤+60℃)	环境温度： T6(-55℃≤Ta≤+40℃) T5(-55℃≤Ta≤+55℃) T4(-55℃≤Ta≤+60℃)	环境温度： Silicone Rubber T6(-55℃≤Ta≤+40℃) T5(-55℃≤Ta≤+55℃) T4(-55℃≤Ta≤+60℃) PU T6(-35℃≤Ta≤+40℃) T5(-35℃≤Ta≤+55℃) T4(-35℃≤Ta≤+60℃)
箱体编号 Box Number	1#～29#	1#～21#	1#～17#
详细页码 Page Number	P26-P29	P30-P37	P38-P45

型号含义 Model Meaning

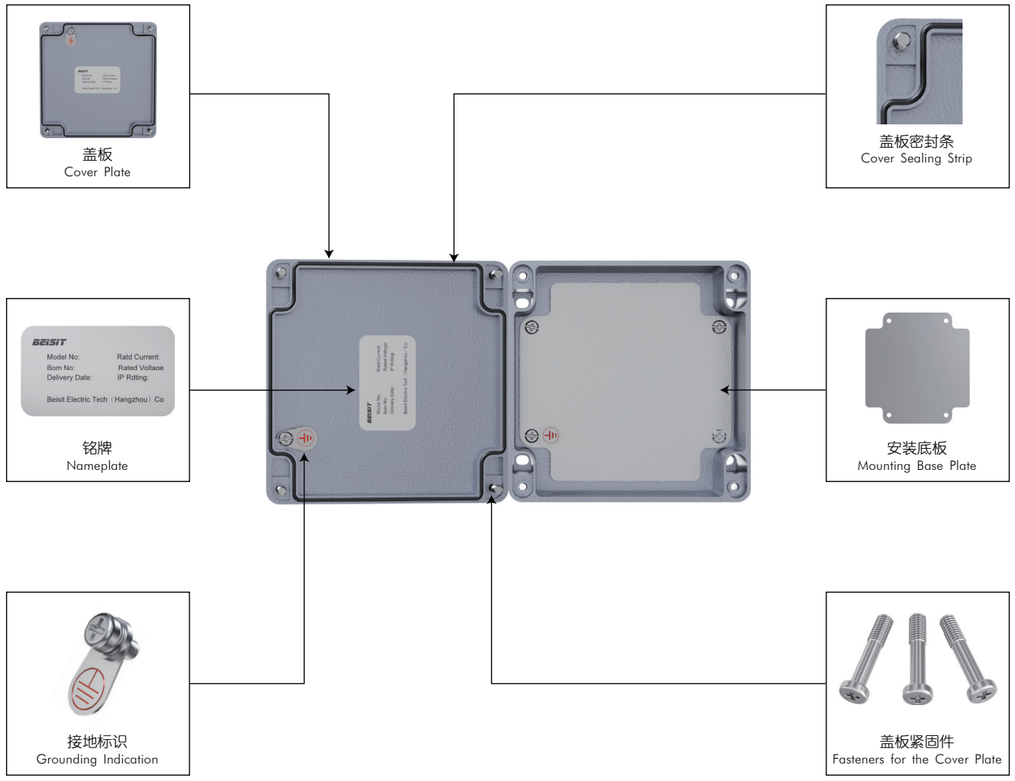
BST	□	□	□	□	□	□
倍仕得 BEISIT	名称 Name 5：接线箱（盒） Junction Box	属性 Attributes 1：整机 Complete Machine	材质 Material 10：铸铝 Cast Aluminium(ADC12) 20：玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester 30：不锈钢 Stainless Steel (304、316、316L)	箱体尺寸代码 Box Size Code 01# 02# 03#	结构形式 Structure Form 1：螺钉式 Screw Type 2：螺钉+铰链式 Screw + Hinge Type 3：锁+铰链式 Lock + Hinge Type	功能类别 Function Category E：增安型(Ex e)

举例：01#箱体尺寸64*58*36mm，型号即为：BST5110011E
For Example: 01# Box Size 64*58*36mm, The Model is: BST5110011E

防爆空箱（盒）
Explosion-proof Empty Box

→ BST5010E系列 Series

RoHS REACH



产品描述 Product Description

1.外壳采用铝合金材质，表面进行喷涂纯环氧树脂粉末，外露紧固件为不锈钢材质。
2.组成部分：安装底板、接地标识、盖板紧固件、盖板密封条、铭牌。
3.内部无任何的电器元器件，箱体上无任何的开孔并不带电缆固定头。

1. The enclosure is made of aluminum alloy, coated with pure epoxy resin powder on the surface, and features stainless steel for all exposed fasteners.
2. Components: mounting base plate, grounding mark, cover plate fasteners, cover plate sealing strip, nameplate.
3. The interior contains no electrical components, and the enclosure has no openings or cable glands.

产品特点 Product Feature

1.认证类别：IECEx、CCC、防爆合格证。
2.防护等级：IP66。
3.工作温度：-55℃～+130℃。
4.适用于爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区。
5.广泛用于石油开采、炼油、化工、油轮等易燃易爆气体环境，也可用于纤维、面粉、金属加工等可燃性粉尘场所。

1. Certification categories: IECEx, ATEX, CCC, Explosion-proof Certificate of Conformity.
2. IP Rating: IP66.
3. Operating temperature: -55℃ to +130℃.
4. Suitable for:Explosive gas atmospheres in Zone 1 and Zone 2; Explosive dust environments in Zone 21 and Zone 22.
5. Widely used in:Flammable gas environments (e.g., petroleum extraction, oil refining, chemical plants, oil tankers); Combustible dust environments (e.g., fiber, flour, metal processing).

防爆空箱（盒）
Explosion-proof Empty Box
→ BST5010E系列 Series
RoHS REACH

适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating : IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -55℃～+130℃
材料 Material: 铸铝 Cast Aluminium(ADC12)

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db
防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db		

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铭牌 Nameplate	不干胶 Self-adhesive Sticker
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone

防爆空箱（盒）
Explosion-proof Empty Box

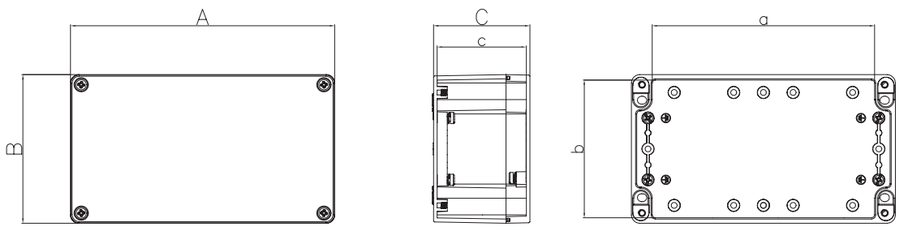
→ BST5010E系列 Series

RoHS REACH

尺寸数据 Size Data

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	容积 Volume (cm^3)	订货号 Order no
	长 long (A)	宽 wide (B)	高 high (C)	长 long (a)	宽 wide (b)	高 high (c)			
1#	64	58	36	56	50	28	0.15	100	BST5010011E
2#	98	64	36	90	56	28	0.21	200	BST5010021E
3#	150	64	36	142	56	28	0.3	300	BST5010031E
4#	115	65	55	107	57	47	0.32	400	BST5010041E
5#	82	77	57	74	69	49	0.28	400	BST5010051E
6#	127	82	57	119	74	49	0.4	600	BST5010061E
7#	175	80	57	167	72	49	0.5	800	BST5010071E
8#	250	80	57	242	72	49	0.64	1100	BST5010081E
9#	108	80	60	100	72	52	0.35	500	BST5010091E
10#	140	80	60	132	72	52	0.42	700	BST5010101E
11#	100	100	80	92	92	72	0.49	800	BST5010111E
12#	160	100	80	152	92	72	0.67	1300	BST5010121E
13#	200	100	80	192	92	72	0.92	1600	BST5010131E
14#	125	125	80	117	117	72	0.79	1300	BST5010141E
15#	360	120	80	352	112	72	1.93	3500	BST5010151E
16#	220	125	80	212	117	72	1.11	2200	BST5010161E
17#	220	140	90	212	132	82	1.87	2800	BST5010171E
18#	160	160	90	152	152	82	1.385	2300	BST5010181E
19#	260	160	90	252	152	82	1.95	3700	BST5010191E
20#	360	160	90	352	152	82	2.52	5200	BST5010201E
21#	560	160	90	552	152	82	2.92	8100	BST5010211E
22#	280	180	100	272	172	92	2.49	5000	BST5010221E
23#	180	180	101	172	172	93	1.83	3300	BST5010231E
24#	230	200	110	222	192	102	2.39	5100	BST5010241E
25#	280	230	110	272	222	102	2.73	7100	BST5010251E
26#	330	230	120	322	222	112	3.32	9100	BST5010261E
27#	400	230	110	392	222	102	3.78	10100	BST5010271E
28#	403	313	111	395	305	103	5.77	14000	BST5010281E
29#	600	310	110	592	302	102	8.82	20500	BST5010291E

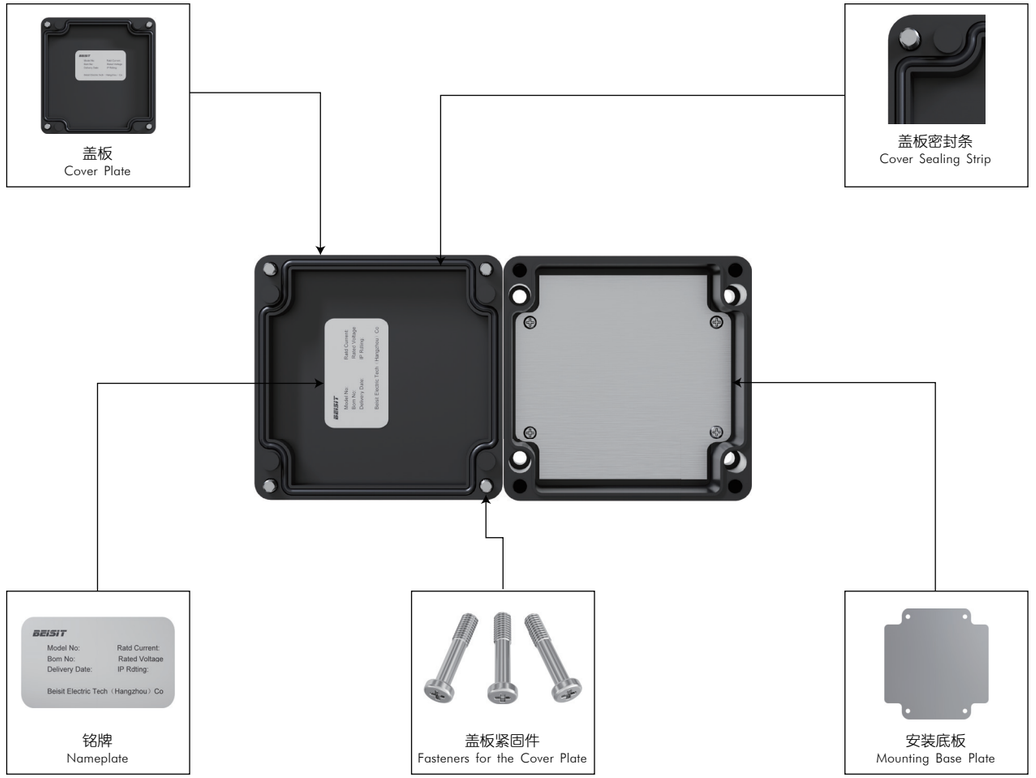
外形尺寸 Outline Drawing



防爆空箱（盒）
Explosion-proof Empty Box

→ BST5020E系列 Series

RoHS REACH



产品描述 Product Description

1.外壳采用耐冲击的玻璃纤维强化聚酯材料制成，外露紧固件为不锈钢材质。
2.组成部分：安装底板、接地标识、盖板紧固件、盖板密封条、铭牌。
3.内部无任何的电器元器件，箱体上无任何的开孔并不带电缆固定头。

1. The enclosure is made of impact-resistant glass fiber reinforced polyester material, and the exposed fasteners are made of stainless steel.
2. Components: mounting base plate, grounding mark, cover plate fasteners, cover plate sealing strip, nameplate.
3. The interior contains no electrical components, and the enclosure has no openings or cable glands..

产品特点 Product Feature

1.认证类别：IECEx、CCC、防爆合格证。
2.防护等级：IP66。
3.工作温度：-55℃～+130℃。
4.适用于爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区。
5.广泛用于石油开采、炼油、化工、油轮等易燃易爆气体环境，也可用于纤维、面粉、金属加工等可燃性粉尘场所。

1. Certification categories: IECEx, ATEX, CCC, Explosion-proof Certificate of Conformity.
2. Protection level: IP66.
3. Operating temperature: -55℃ to +130℃.
4. Suitable for: Explosive gas atmospheres in Zone 1 and Zone 2; Explosive dust environments in Zone 21 and Zone 22.
5. Widely used in: Flammable gas environments (e.g., petroleum extraction, oil refining, chemical plants, oil tankers); Combustible dust environments (e.g., fiber, flour, metal processing).

防爆空箱（盒）
Explosion-proof Empty Box

→ BST5020E系列 Series

RoHS REACH

适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -55℃~+130℃
材料 Material: 玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db
防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db		

组件数据–标配 Component Data-Standard

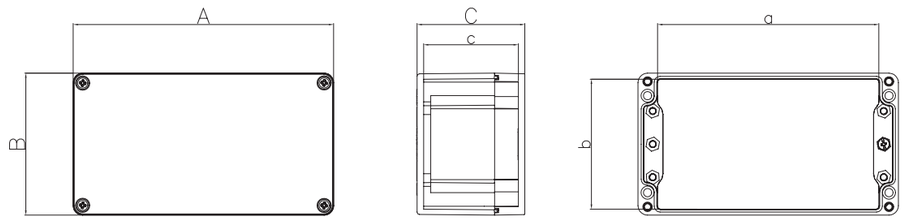
图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	铭牌 Nameplate	不干胶 Self-adhesive Sticker
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone

防爆空箱（盒）
Explosion-proof Empty Box
→ BST5020E系列 Series
RoHS REACH

尺寸数据 Size Data

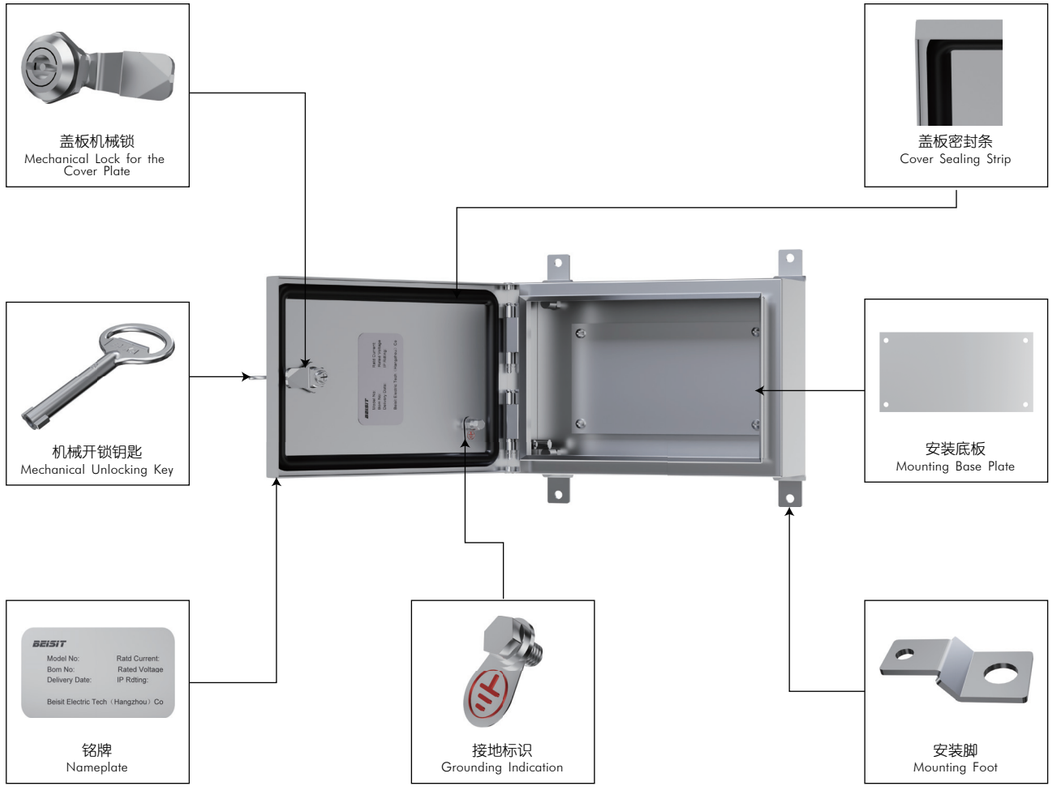
序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	容积 Volume (cm^3)	订货号 Order no
	长 long (A)	宽 wide (B)	高 high (C)	长 long (a)	宽 wide (b)	高 high (c)			
1#	80	75	75	71	66	66	0.23	500	BST5020011E
2#	110	75	75	101	66	66	0.36	600	BST5020021E
3#	160	75	75	151	66	66	0.46	900	BST5020031E
4#	190	75	75	181	66	66	0.53	1100	BST5020041E
5#	230	75	75	221	66	66	0.67	1300	BST5020051E
6#	122	120	91	113	111	82	0.75	1300	BST5020061E
7#	220	120	91	211	111	82	1.06	2400	BST5020071E
8#	160	160	91	148	148	79	1.29	2300	BST5020081E
9#	260	160	91	248	148	79	1.71	3800	BST5020091E
10#	360	360	91	348	348	79	4.2	11800	BST5020101E
11#	560	160	91	548	148	79	3.185	8200	BST5020111E
12#	360	160	91	348	148	79	2.15	5200	BST5020121E
13#	255	250	121	243	238	109	2.65	7700	BST5020131E
14#	400	250	121	388	238	109	3.65	12100	BST5020141E
15#	600	250	121	588	238	109	5.235	18200	BST5020151E
16#	255	250	161	243	238	149	3.275	10300	BST5020161E
17#	400	250	161	388	238	149	4.8	16100	BST5020171E
18#	405	400	201	396	391	192	6.65	32600	BST5020181E
19#	400	400	210	388	388	198	6.75	33600	BST5020191E
20#	160	160	120	148	148	108	1.35	3100	BST5020201E
21#	810	400	210	798	388	198	13.9	68000	BST5020211E

外形尺寸 Outline Drawing



防爆空箱（盒）
Explosion-proof Empty Box

→ BST5030E系列 Series



产品描述 Product Description

1.外壳采用不锈钢(304、316、316L)表面拉丝处理，外露紧固件为不锈钢材质。
2.螺钉结构时组成部件：安装底板、安装脚、接地标识、盖板紧固件、盖板密封条、铭牌。
3.螺钉铰链结构时组成部件：安装底板、安装脚、接地标识、盖板紧固件、铰链、盖板密封条、铭牌。
4.门锁铰链结构时组成部件：安装底板、安装脚、接地标识、门锁、铰链、盖板密封条、铭牌。
5.内部无任何的电器元器件，箱体上无任何的开孔并不带电缆固定头。

1. The enclosure is made of stainless steel (304, 316, 316L) with a brushed finish, and all exposed fasteners are stainless steel.
2. Components in the screw structure: installation base plate, mounting foot, grounding mark, cover plate fastener, cover plate sealing strip, nameplate.
3. Components in the screw hinge structure: installation base plate, mounting foot, grounding mark, cover plate fastener, hinge, cover plate sealing strip, nameplate.
4. Components in the door lock hinge structure: installation base plate, mounting foot, grounding mark, door lock, hinge, cover plate sealing strip, nameplate.
5. The interior contains no electrical components, and the enclosure has no openings or cable glands.

产品特点 Product Feature

1.认证类别：IECEx、CCC、防爆合格证。
2.防护等级：IP66。
3.工作温度：-55℃~+130℃。
4.适用于爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区。
5.广泛用于石油开采、炼油、化工、油轮等易燃易爆气体环境，也可用于纤维、面粉、金属加工等可燃性粉尘场所。

1. Certification Categories: IECEx, ATEX, CCC, Explosion-proof Certificate of Conformity.
2. IP Rating: IP66.
3. Operating temperature: -55°C to +130°C.
4. Suitable for: Explosive gas atmospheres in Zone 1 and Zone 2; Explosive dust environments in Zone 21 and Zone 22.
5. Widely used in: Flammable gas environments (e.g., petroleum extraction, oil refining, chemical plants, oil tankers); Combustible dust environments (e.g., fiber, flour, metal processing).

防爆空箱（盒）
Explosion-proof Empty Box
→ BST5030E系列 Series

适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -55℃~+130℃
材料 Material: 不锈钢 Stainless Steel（304、316、316L）

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db
防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db		

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铭牌 Nameplate	不干胶 Self-Adhesive Sticker
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	PU/硅胶 Silicone
	安装脚 Mounting Foot	304不锈钢 Stainless Steel
	机械开锁钥匙 Mechanical Unlocking Key	304不锈钢 Stainless Steel
	盖板机械锁 Mechanical Lock for the Cover Plate	304不锈钢 Stainless Steel
	铰链 Hinge	304不锈钢 Stainless Steel

防爆空箱（盒）
Explosion-proof Empty Box

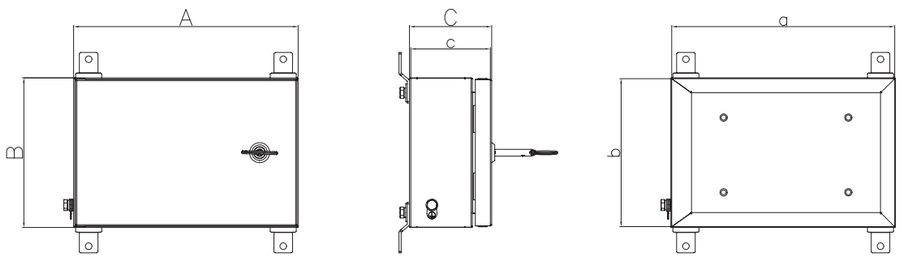
→ BST5030E系列 Series

IEC Ex CCC RoHS REACH

尺寸数据 Size Data

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	容积 Volume (cm^3)	订货号 Order no
	长 long (A)	宽 wide (B)	高 high (C)	长 long (a)	宽 wide (b)	高 high (c)			
1#	100	100	60	97	97	57	0.44	600	BST5030011E
2#	150	150	80	147	147	77	0.96	1800	BST5030021E
3#	200	150	80	197	147	77	1.35	2400	BST5030031E
4#	300	200	110	297	197	107	3	6600	BST5030041E BST5030042E BST5030043E
5#	400	200	150	397	197	147	4.6	12000	BST5030051E BST5030052E BST5030053E
6#	400	400	150	397	397	147	7.4	24000	BST5030061E BST5030062E BST5030063E
7#	400	400	210	397	397	207	8.7	33600	BST5030071E BST5030072E BST5030073E
8#	500	400	150	497	397	147	8.5	30000	BST5030081E BST5030082E BST5030083E
9#	500	500	210	497	497	207	8.9	52500	BST5030091E BST5030092E BST5030093E
10#	600	400	210	596	396	206	9.8	50400	BST5030101E BST5030102E BST5030103E
11#	700	400	210	696	396	206	10.1	58800	BST5030111E BST5030112E BST5030113E
12#	700	700	300	696	696	296	11.8	147000	BST5030121E BST5030122E BST5030123E
13#	800	600	300	796	596	296	12.1	144000	BST5030131E BST5030132E BST5030133E
14#	1000	800	300	996	796	296	16.9	240000	BST5030141E BST5030142E BST5030143E
15#	800	800	400	796	796	396	14.8	256000	BST5030151E BST5030152E BST5030153E
16#	900	900	400	896	896	396	17.4	324000	BST5030161E BST5030162E BST5030163E
17#	1200	1200	400	1196	1196	396	20.4	576000	BST5030171E BST5030172E BST5030173E

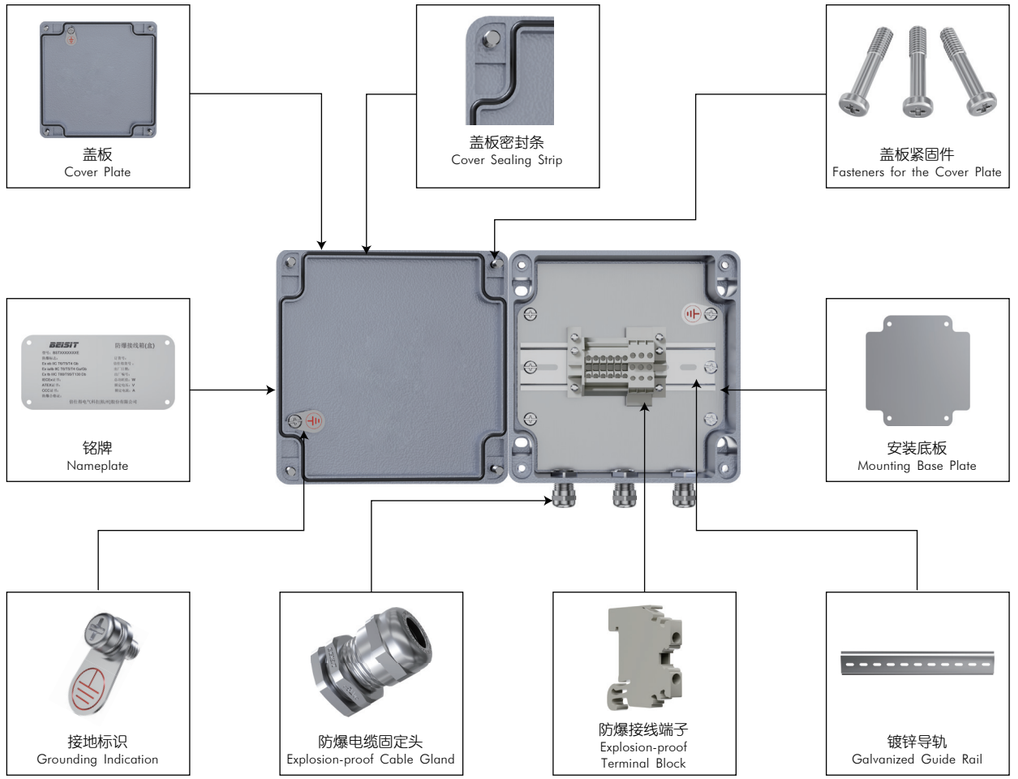
外形尺寸 Outline Drawing



防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5110E系列 Series

IEC Ex ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用铝合金材质，表面进行喷涂纯环氧树脂粉末，外露紧固件为不锈钢材质。
2.组成部分：安装底板、安装脚、接地标识、盖板紧固件、盖板密封条、铭牌、导轨
（防爆接线端子、防爆呼吸阀、防爆电缆固定头可根据客户要求配置，客户也可自购自装）。

1. The enclosure is made of aluminum alloy, and its surface is sprayed with pure epoxy resin powder. The exposed fasteners are made of stainless steel.
2. Components: installation base plate, mounting foot, grounding mark, cover plate fastener, cover plate sealing strip, nameplate, guide rail.
(Explosion-proof terminal blocks, explosion-proof breather valves, and explosion-proof cable glands can be configured according to customer requirements. Customers can also purchase and install them by themselves).

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 防爆接线箱带本安型认证 The explosion-proof junction box has intrinsic safety type certification，Ex ib IIC T6/T5/T4 Gb 防护等级 IP Rating：IP66
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有29种规格，最小规格是64x58x36mm，最大规格是600x310x110mm。 There are 29 specifications in total, ranging from the smallest 64x58x36mm (unit unspecified) to the largest 600x310x110mm (unit unspecified).
价值 Benefit	产品系列齐全，根据客户需求，可选最具性价比的产品。 There is a complete product series. According to customers' needs, the most cost-effective products can be selected.

防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5110E系列 Series

IEC Ex ATEX RoHS REACH

适用范围 Application Scope: 爆炸性气体环境0区、1区、2区；爆炸性粉尘环境21区、22区
Zone 0, Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating: IP66

抗冲击性能 Impact Resistance: 7J

使用环境温度 Ambient Temperature: -55℃≤Ta≤+40℃/+55℃/+60℃

材料 Material: 铸铝 Cast Aluminium(ADC12)

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC T6/T5/T4 Gb ⟨Ex⟩ II 1 G Ex ia IIC T6/T5/T4 Ga ⟨Ex⟩ II 2 G Ex ib IIC T6/T5/T4 Gb ⟨Ex⟩ II 2 D Ex tb IIIC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铭牌 Nameplate	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	防爆接线端子 Explosion-proof Terminal Block	PA
	防爆电缆固定头 Explosion-proof Cable Gland	金属 Metal
	防爆呼吸阀 Explosion-proof Breather Valve	金属 Metal

防爆接线箱（盒）
Explosion-proof Junction Box
→ BST5110E系列 Series

耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST5110011E	0.22	64	58	36
2	BST5110021E	0.76	98	64	36
3	BST5110031E	1.48	150	64	36
4	BST5110041E	2.18	115	65	55
5	BST5110051E	0.90	85	77	57
6	BST5110061E	1.89	127	82	57
7	BST5110071E	4.29	175	80	57
8	BST5110081E	5.95	250	80	57
9	BST5110091E	1.80	108	80	60
10	BST5110101E	3.32	140	80	60
11	BST5110111E	3.30	100	100	80
12	BST5110121E	3.71	160	100	80
13	BST5110131E	6.86	200	100	80
14	BST5110141E	2.51	125	125	80
15	BST5110151E	16.95	360	120	80
16	BST5110161E	7.77	220	125	80
17	BST5110171E	7.19	220	140	90
18	BST5110181E	4.00	160	160	90
19	BST5110191E	9.35	260	160	90
20	BST5110201E	17.56	360	160	90
21	BST5110211E	29.36	560	160	90
22	BST5110221E	11.40	280	180	100
23	BST5110231E	6.05	180	180	101
24	BST5110241E	9.48	230	200	110
25	BST5110251E	21.66	280	230	110
26	BST5110261E	27.62	330	230	120
27	BST5110271E	32.96	400	230	110
28	BST5110281E	38.30	403	313	111
29	BST5110291E	61.18	600	310	110

防爆接线箱（盒）
Explosion-proof Junction Box

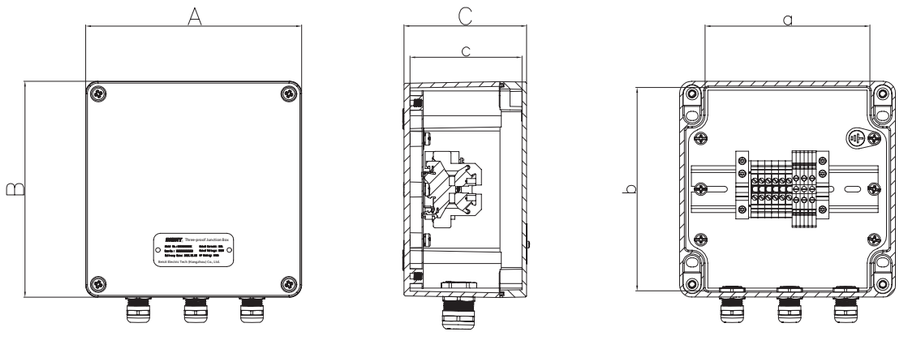
→ BST5110E系列 Series

IEC Ex ATEX CCC RoHS REACH

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model									
	长 long A	宽 wide B	高 high C				M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	64	58	36	BST5110011E	最小距离≥3	D/E F/G	1 1	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /
2	98	64	36	BST5110021E			3 2	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /
3	150	64	36	BST5110031E			5 2	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /	/ /
4	115	65	55	BST5110041E			4 1	3 1	3 1	3 /	3 /	2 /	/ /	/ /	/ /	/ /
5	82	77	57	BST5110051E			3 3	2 2	2 2	1 1	1 1	1 1	/ /	/ /	/ /	/ /
6	127	82	57	BST5110061E			7 2	3 1	3 1	3 1	3 1	2 1	/ /	/ /	/ /	/ /
7	175	80	57	BST5110071E			11 3	5 2	5 2	4 1	4 1	3 1	/ /	/ /	/ /	/ /
8	250	80	57	BST5110081E			18 3	8 2	8 2	7 1	6 1	5 1	/ /	/ /	/ /	/ /
9	108	80	60	BST5110091E			5 2	3 1	3 1	2 1	2 1	2 1	/ /	/ /	/ /	/ /
10	140	80	60	BST5110101E			10 2	5 1	5 1	3 1	3 1	3 1	2 1	/ /	/ /	/ /
11	100	100	80	BST5110111E			8 5	5 4	5 4	3 2	3 2	2 1	1 1	1 1	/ /	/ /
12	160	100	80	BST5010121E			17 5	10 4	10 4	5 2	5 2	3 1	2 1	2 1	/ /	/ /
13	200	100	80	BST5110131E			21 5	12 4	12 4	7 2	7 2	4 1	3 1	2 1	/ /	/ /
14	125	125	80	BST5110141E			9 5	6 4	6 4	3 2	3 2	2 1	1 1	1 1	/ /	/ /
15	360	120	80	BST5110151E			28 5	24 3	24 2	10 1	10 1	8 1	6 1	5 1	/ /	/ /
16	220	125	80	BST5110161E			23 5	14 4	14 4	7 2	7 2	5 1	3 1	3 1	/ /	/ /
17	220	140	90	BST5010171E			23 8	12 5	12 5	10 4	10 4	5 2	3 1	2 1	1 1	/ /
18	160	160	90	BST5110181E			15 11	8 6	8 6	8 6	8 6	3 3	2 2	2 1	1 1	/ /
19	260	160	90	BST5110191E			30 11	16 6	16 6	14 6	14 6	7 3	4 2	3 1	3 1	/ /
20	360	160	90	BST5110201E			42 11	24 6	24 6	20 6	20 6	8 3	6 2	5 1	4 1	/ /
21	560	160	90	BST5110211E			66 11	36 6	36 6	32 6	32 6	12 3	10 2	8 1	3 1	/ /
22	280	180	100	BST5110221E			30 12	18 8	18 8	14 6	14 6	6 3	4 2	3 1	3 1	/ /
23	180	180	101	BST5110231E			18 12	10 8	10 8	8 6	8 6	5 3	3 2	2 1	2 1	/ /
24	230	200	110	BST5110241E			26 28	18 18	18 18	14 15	14 15	8 8	3 5	3 3	2 2	2 2
25	280	230	110	BST5110251E			50 26	27 18	27 18	24 10	24 10	12 8	8 4	3 2	3 2	3 2
26	330	230	120	BST5110261E			52 26	33 18	33 18	27 10	27 10	14 8	10 4	5 2	4 2	3 2
27	400	230	110	BST5110271E			64 26	39 18	39 18	29 10	29 10	18 8	13 4	7 2	5 2	4 2
28	403	313	111	BST5110281E			64 40	39 27	39 27	29 17	29 17	18 12	13 6	7 4	5 3	4 3
29	600	310	110	BST5110291E			96 38	60 26	60 26	46 17	46 17	24 11	14 5	8 3	6 3	6 2

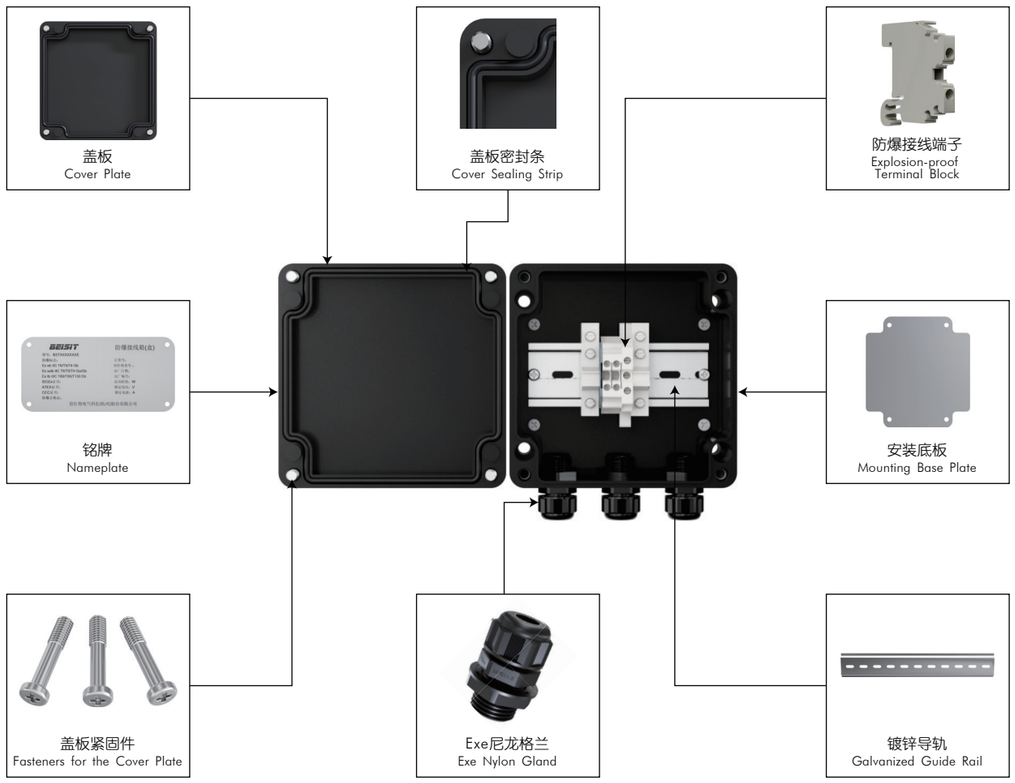
外形尺寸 Outline Drawing



防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5120E系列 Series

IEC Ex ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用耐冲击的玻璃纤维强化聚酯材料制成，外露紧固件为不锈钢材质。
2.组成部分：安装底板、盖板紧固件、盖板密封条、铭牌
（防爆接线端子、防爆呼吸阀、防爆电缆固定头、导轨可根据客户要求配置，客户也可自购自装）。

1. The enclosure is made of impact-resistant glass fiber reinforced polyester material, and the exposed fasteners are made of stainless steel.
2. Components: Installation base plate, cover fasteners, cover sealing strip, nameplate.
(Explosion-proof terminal blocks, explosion-proof breather valves, explosion-proof cable glands, and guide rails can be configured according to customer requirements.
Customers can also purchase and install them by themselves.)

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 防爆接线箱带本安型认证 The explosion-proof junction box has intrinsic safety type certification，Ex ib IIC T6/T5/T4 Gb 防护等级 IP Rating：IP66 可配金属防爆电缆固定头，带黄铜板接地板，接地螺钉 Optional: Explosion-proof metal cable glands, brass grounding plate, and grounding screws.
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有21种规格，最小规格是80x75x75mm，最大规格是810x400x210mm。 There are 21 specifications in total, ranging from the smallest 80x75x75mm (unit unspecified) to the largest 810x400x210mm (unit unspecified).
价值 Benefit	产品系列齐全，根据客户需求，可选最具性价比的产品。 There is a complete product series. According to customers' needs, the most cost-effective products can be selected.

防爆接线箱（盒）
Explosion-proof Junction Box

BEISIT

→ BST5120E系列 Series

IEC Ex ATEX RoHS REACH

适用范围 Application Scope: 爆炸性气体环境0区、1区、2区；爆炸性粉尘环境21区、22区
Zone 0, Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating: IP66

抗冲击性能 Impact Resistance: 7J

使用环境温度 Ambient Temperature: -55℃≤Ta≤+40℃/+55℃/+60℃

材料 Material: 玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC T6/T5/T4 Gb ⟨Ex⟩ II 1 G Ex ia IIC T6/T5/T4 Ga ⟨Ex⟩ II 2 G Ex ib IIC T6/T5/T4 Gb ⟨Ex⟩ II 2 D Ex tb IIIC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	铭牌 Nameplate	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	防爆接线端子 Explosion-proof Terminal Block	PA
	防爆电缆固定头 Explosion-proof Cable Gland	PA尼龙 PA Nylon

防爆接线箱（盒）
Explosion-proof Junction Box

BEISIT

→ BST5120E系列 Series

IEC Ex ATEX RoHS REACH

耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST5120011E	0.53	80	75	75
2	BST5120021E	1.55	110	75	75
3	BST5120031E	2.41	160	75	75
4	BST5120041E	3.46	190	75	75
5	BST5120051E	4.79	230	78	78
6	BST5120061E	2.09	122	120	91
7	BST5120071E	6.99	220	120	91
8	BST5120081E	3.81	160	160	91
9	BST5120091E	7.79	260	160	91
10	BST5120101E	32.50	360	360	91
11	BST5120111E	26.70	560	160	91
12	BST5120121E	13.39	360	160	91
13	BST5120131E	12.58	255	250	121
14	BST5120141E	26.99	400	250	121
15	BST5120151E	47.43	600	250	121
16	BST5120161E	14.86	255	250	161
17	BST5120171E	32.14	400	250	161
18	BST5120181E	48.51	405	400	201
19	BST5120191E	48.49	400	400	210
20	BST5120201E	3.64	160	160	120
21	BST5120211E	43.01	810	400	210

防爆接线箱（盒）
Explosion-proof Junction Box

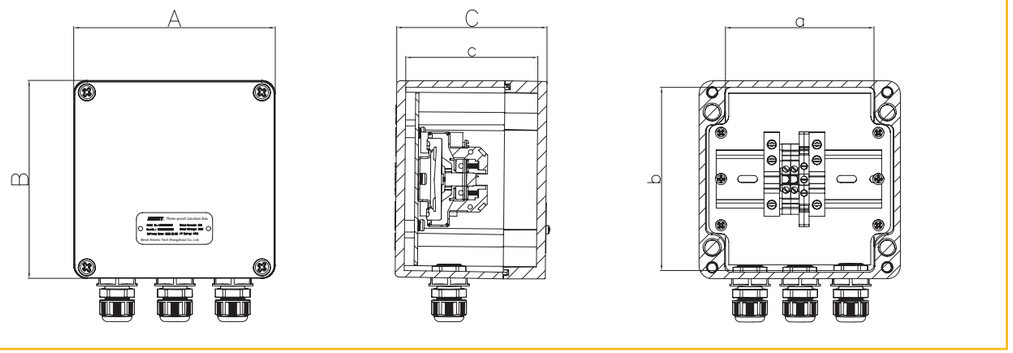
→ BST5120E系列 Series

IEC Ex ATEX CCC RoHS REACH

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model									
	长 long A	宽 wide B	高 high C				M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	80	75	75	BST5120011E	最小距离≥3	D/E F/G	5 2	4 1	4 1	1 1	1 1	1 /	1 /	1 /	/ /	/ /
2	110	75	75	BST5120021E			17 2	10 1	10 1	11 1	11 1	3 /	2 /	2 /	/ /	/ /
3	160	75	75	BST5120031E			20 2	12 1	12 1	5 1	5 1	4 /	3 /	2 /	/ /	/ /
4	190	75	75	BST5120041E			11 8	8 5	8 5	5 3	5 3	2 2	1 1	1 1	1 /	/ /
5	230	75	75	BST5120051E			23 8	14 5	14 5	12 3	12 3	4 2	3 1	3 1	2 /	/ /
6	122	120	91	BST5120061E			15 8	11 6	11 6	8 5	8 5	3 2	2 1	2 1	1 1	/ /
7	220	120	91	BST5120071E			27 8	16 6	16 6	14 5	14 5	5 2	4 1	3 1	3 1	/ /
8	160	160	91	BST5120081E			42 8	24 6	24 6	20 5	20 5	8 2	6 1	5 1	4 1	/ /
9	260	160	91	BST5120091E			69 8	40 6	40 6	34 5	34 5	13 2	10 1	8 1	7 1	/ /
10	360	360	91	BST5120101E			36 27	32 18	32 18	21 10	21 10	10 8	8 3	3 2	3 2	2 2
11	560	160	91	BST5120111E			96 27	60 18	60 18	54 10	54 10	24 8	20 3	8 2	6 2	6 2
12	360	160	91	BST5120121E			36 27	32 18	32 18	21 10	21 10	10 8	8 3	3 2	3 2	2 2
13	255	250	121	BST5120131E			60 27	39 18	39 18	22 10	22 10	16 8	6 3	5 2	4 2	4 2
14	400	250	121	BST5120141E			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
15	600	250	121	BST5120151E			8 2	6 1	6 1	4 1	4 1	2 /	1 /	1 /	/ /	/ /
16	255	250	161	BST5120161E			22 2	16 1	16 1	10 1	10 1	6 /	4 /	2 /	/ /	/ /
17	400	250	161	BST5120171E			52 8	35 6	35 6	18 5	18 5	8 2	6 1	5 1	4 1	/ /
18	405	400	201	BST5120181E			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
19	400	400	210	BST5120191E			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
20	160	160	120	BST5120201E			15 8	15 6	11 6	11 5	8 5	8 2	3 1	2 1	2 1	/ /
21	810	400	210	BST5120211E			196 98	132 72	132 72	100 50	100 50	56 32	32 18	20 10	16 8	12 8

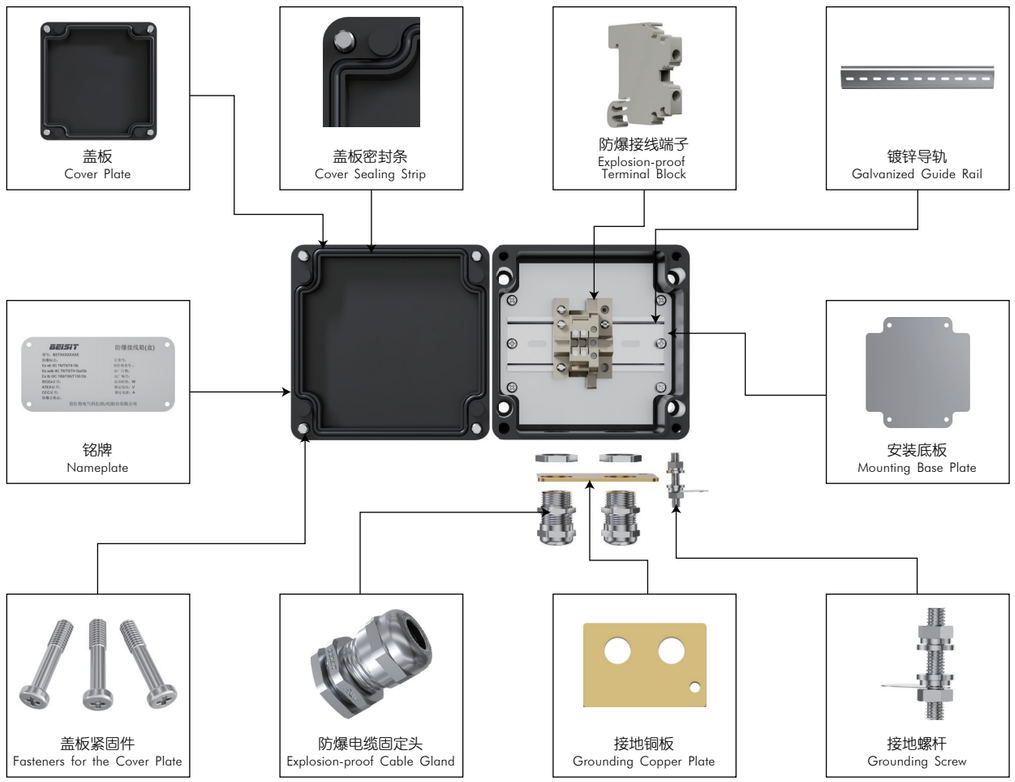
外形尺寸 Outline Drawing



防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5120带接地板系列 (With Flange Plate) Series

IEC Ex ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用耐冲击的玻璃纤维强化聚酯材料制成，外露紧固件为不锈钢材质。
2.组成部分：安装底板、盖板紧固件、盖板密封条、铭牌
（防爆接线端子、防爆呼吸阀、接地标识、接地铜板、防爆电缆固定头、导轨可根据客户要求配置，客户也可自购自装）。
3.选用金属格兰时应按照认证要求配置：接地铜板、接地螺杆、接地标识。

1. The enclosure is made of impact-resistant glass fiber reinforced polyester, and the exposed fasteners are made of stainless steel.
2. Components: Installation base plate, cover fasteners, cover sealing strip, nameplate.
(Explosion-proof terminal blocks, explosion-proof breather valves, grounding signs, grounding copper plates, explosion-proof cable glands, and guide rails can be configured according to customer requirements. Customers can also purchase and install them by themselves.)
3. When selecting metal cable glands, the grounding copper plate, grounding screw and grounding sign shall be configured in accordance with the certification requirements.

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature: -55℃~+130℃, 测试温度 Testing temperature: -60℃~+150℃ 防爆接线箱带本安型认证 The explosion-proof junction box has intrinsic safety type certification, Ex ib IIC T6/T5/T4 Gb 防护等级 IP Rating: IP66 可配金属防爆电缆固定头，带黄铜板接地板，接地螺钉 Optional: Explosion-proof metal cable glands, brass grounding plate, and grounding screws.
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有21种规格，最小规格是80x75x75mm，最大规格是810x400x210mm。 There are 21 specifications in total, ranging from the smallest 80x75x75mm (unit unspecified) to the largest 810x400x210mm (unit unspecified).
价值 Benefit	产品系列齐全，根据客户需求，可选最具性价比的产品。 There is a complete product series. According to customers' needs, the most cost-effective products can be selected.

防爆接线箱（盒）
Explosion-proof Junction Box

BEISIT

→ BST5120带接地板系列 (With Flange Plate) Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 爆炸性气体环境0区、1区、2区；爆炸性粉尘环境21区、22区
Zone 0, Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating : IP66

抗冲击性能 Impact resistance: 7J

使用环境温度 Ambient Temperature: -55℃≤Ta≤+40℃/+55℃/+60℃

材料 Material: 玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester

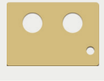
认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC T6/T5/T4 Gb ⟨Ex⟩ II 1 G Ex ia IIC T6/T5/T4 Ga ⟨Ex⟩ II 2 G Ex ib IIC T6/T5/T4 Gb ⟨Ex⟩ II 2 D Ex tb IIIC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	铭牌 Nameplate	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	防爆接线端子 Explosion-proof Terminal Block	PA
	防爆电缆固定头 Explosion-proof Cable Gland	金属 Metal
	防爆呼吸阀 Explosion-proof Breather Valve	金属 Metal
	接地铜板 Grounding Copper Plate	黄铜 Brass
	接地螺杆 Grounding Screw	304 316 316L 不锈钢 Stainless Steel

防爆接线箱（盒）
Explosion-proof Junction Box
BST5120带接地板系列 (With Flange Plate) Series

耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST5120011E	0.53	80	75	75
2	BST5120021E	1.55	110	75	75
3	BST5120031E	2.41	160	75	75
4	BST5120041E	3.46	190	75	75
5	BST5120051E	4.79	230	78	78
6	BST5120061E	2.09	122	120	91
7	BST5120071E	6.99	220	120	91
8	BST5120081E	3.81	160	160	91
9	BST5120091E	7.79	260	160	91
10	BST5120101E	32.50	360	360	91
11	BST5120111E	26.70	560	160	91
12	BST5120121E	13.39	360	160	91
13	BST5120131E	12.58	255	250	121
14	BST5120141E	26.99	400	250	121
15	BST5120151E	47.43	600	250	121
16	BST5120161E	14.86	255	250	161
17	BST5120171E	32.14	400	250	161
18	BST5120181E	48.51	405	400	201
19	BST5120191E	48.49	400	400	210
20	BST5120201E	3.64	160	160	120
21	BST5120211E	43.01	810	400	210

防爆接线箱（盒）
Explosion-proof Junction Box

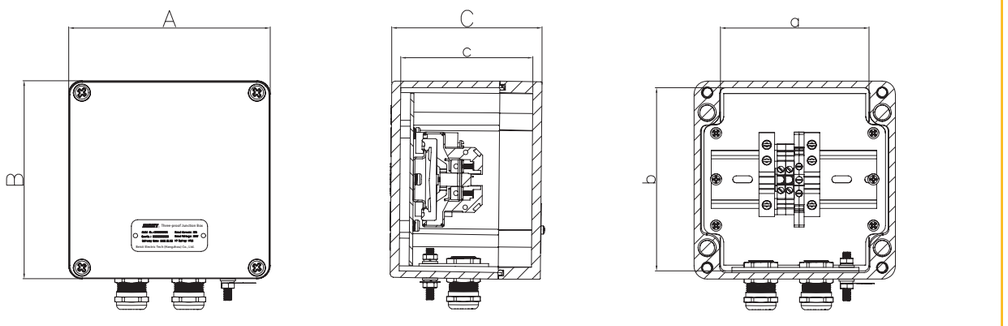
→ BST5120带接地板系列 (With Flange Plate) Series

IECEx ATEX CCC RoHS REACH

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm) 长 long A	宽 wide B	高 high C	型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	80	75	75	BST5120011E	最小距离≥3	D/E F/G	5 2	4 1	4 1	1 1	1 1	1 /	1 /	1 /	/ /	/ /
2	110	75	75	BST5120021E			17 2	10 1	10 1	11 1	11 1	3 /	2 /	2 /	/ /	/ /
3	160	75	75	BST5120031E			20 2	12 1	12 1	5 1	5 1	4 /	3 /	2 /	/ /	/ /
4	190	75	75	BST5120041E			11 8	8 5	8 5	5 3	5 3	2 2	1 1	1 1	1 /	/ /
5	230	75	75	BST5120051E			23 8	14 5	14 5	12 3	12 3	4 2	3 1	3 1	2 /	/ /
6	122	120	91	BST5120061E			15 8	11 6	11 6	8 5	8 5	3 2	2 1	2 1	1 1	/ /
7	220	120	91	BST5120071E			27 8	16 6	16 6	14 5	14 5	5 2	4 1	3 1	3 1	/ /
8	160	160	91	BST5120081E			42 8	24 6	24 6	20 5	20 5	8 2	6 1	5 1	4 1	/ /
9	260	160	91	BST5120091E			69 8	40 6	40 6	34 5	34 5	13 2	10 1	8 1	7 1	/ /
10	360	360	91	BST5120101E			36 27	32 18	32 18	21 10	21 10	10 8	8 3	3 2	3 2	2 2
11	560	160	91	BST5120111E			96 27	60 18	60 18	54 10	54 10	24 8	20 3	8 2	6 2	6 2
12	360	160	91	BST5120121E			36 27	32 18	32 18	21 10	21 10	10 8	8 3	3 2	3 2	2 2
13	255	250	121	BST5120131E			60 27	39 18	39 18	22 10	22 10	16 8	6 3	5 2	4 2	4 2
14	400	250	121	BST5120141E			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
15	600	250	121	BST5120151E			8 2	6 1	6 1	4 1	4 1	2 /	1 /	1 /	/ /	/ /
16	255	250	161	BST5120161E			22 2	16 1	16 1	10 1	10 1	6 /	4 /	2 /	/ /	/ /
17	400	250	161	BST5120171E			52 8	35 6	35 6	18 5	18 5	8 2	6 1	5 1	4 1	/ /
18	405	400	201	BST5120181E			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
19	400	400	210	BST5120191E			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
20	160	160	120	BST5120201E			15 8	15 6	11 6	11 5	8 5	8 2	3 1	2 1	2 1	/ /
21	810	400	210	BST5120211E			196 98	132 72	132 72	100 50	100 50	56 32	32 18	20 10	16 8	12 8

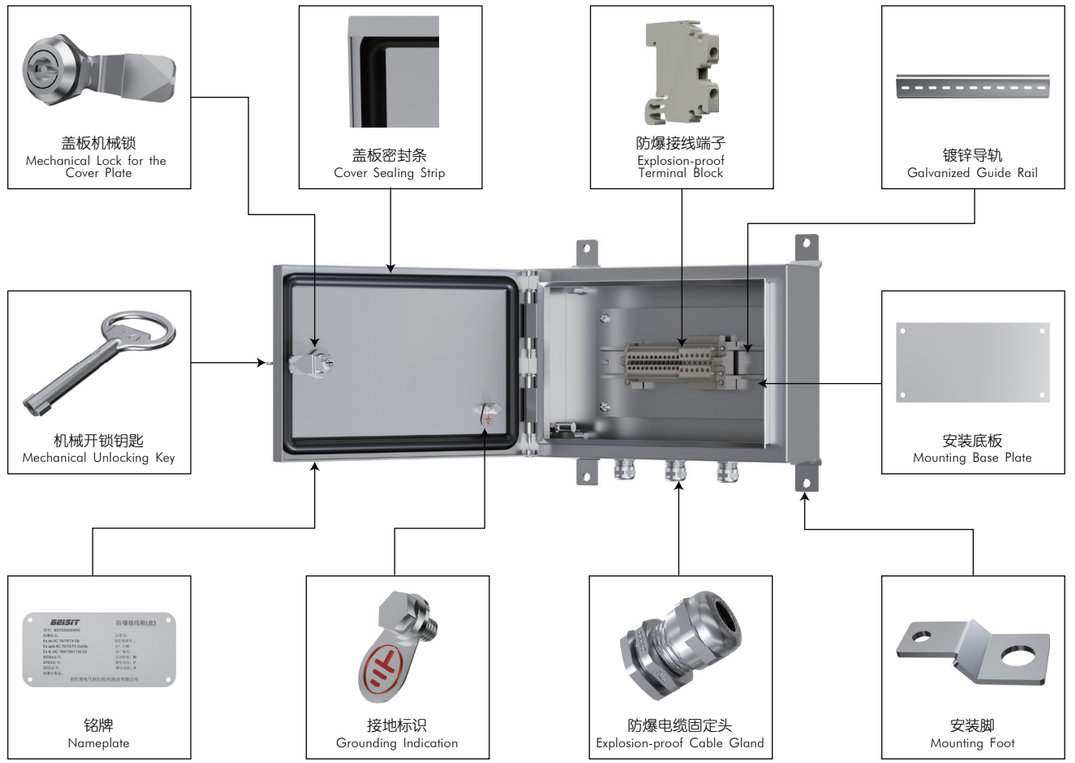
外形尺寸 Outline Drawing



防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5130E系列 Series

IECEx ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用不锈钢(304、316、316L)外露紧固件为不锈钢。
2.组成部分：安装底板、安装脚、接地标识、盖板紧固件、盖板密封条、铭牌
（防爆接线端子、防爆呼吸阀、防爆电缆固定头、导轨可根据客户要求配置，客户也可自购自装）。
3.可选装带格兰板认证的箱体结构，格兰孔可根据用户情况自定开孔，方便现场施工维护。

1. The enclosure is made of stainless steel (304, 316, 316L), and the exposed fasteners are also made of stainless steel.
2. Components: Installation base plate, mounting feet, grounding sign, cover fasteners, cover sealing strip, nameplate.
(Explosion-proof terminal blocks, explosion-proof breather valves, explosion-proof cable glands, and guide rails can be configured according to customer requirements. Customers can also purchase and install them on their own.)
3. Optional certified gland plate structure: Gland holes can be custom-drilled according to user specifications, facilitating on-site installation and maintenance.

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 防爆接线箱带本安型认证 The explosion-proof junction box has intrinsic safety type certification，Ex ib IIC T6/T5/T4 Gb 防护等级 IP Rating：IP66 密封条可以选用PU发泡、平板硅胶、硅胶发泡 The sealing strips can be selected from PU foam, flat silicone rubber, and silicone foam.
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有17种规格，最小规格是100x100x60mm，最大规格是1200x1200x400mm。 There are 17 specifications in total, ranging from the smallest 100x100x60mm (unit unspecified) to the largest 1200x1200x400mm (unit unspecified).
价值 Benefit	产品系列齐全，根据客户需求，可选最具性价比的产品。 There is a complete product series. According to customers' needs, the most cost-effective products can be selected.

防爆接线箱（盒）
Explosion-proof Junction Box

BEISIT

→ BST5130E系列 Series

IEC Ex ATEX RoHS REACH

适用范围 Application Scope: 爆炸性气体环境0区、1区、2区；爆炸性粉尘环境21区、22区
Zone 0, Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating: IP66

抗冲击性能 Impact resistance: 7J

使用环境温度 Ambient Temperature: -55℃≤Ta≤+40℃/+55℃/+60℃

材料厚度 Material Thickness: 标配 Standard 1.5mm（其他定制 Can be Customized）

材料 Material: 不锈钢 Stainless Steel（304、316、316L）

表面处理 Surface Treatment: 抛光及拉丝 Polishing and Drawing

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC T6/T5/T4 Gb ⟨Ex⟩ II 1 G Ex ia IIC T6/T5/T4 Ga ⟨Ex⟩ II 2 G Ex ib IIC T6/T5/T4 Gb ⟨Ex⟩ II 2 D Ex tb IIIC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板机械锁 Mechanical Lock for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铭牌 Nameplate	304不锈钢 Stainless Steel
	安装脚 Mounting Foot	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	防爆接线端子 Explosion-proof Terminal Block	PA
	防爆电缆固定头 Explosion-proof Cable Gland	金属 Metal
	防爆呼吸阀 Explosion-proof Breather Valve	金属 Metal

防爆接线箱（盒）
Explosion-proof Junction Box

BEISIT

→ BST5130E系列 Series

IEC Ex ATEX RoHS REACH

耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST5130011E	0.78	100	100	60
2	BST5130021E	3.60	150	150	80
3	BST5130031E	5.31	200	150	80
4	BST5130041E BST5130042E BST5130043E	10.07	300	200	110
5	BST5130051E BST5130052E BST5130053E	22.30	400	200	150
6	BST5130061E BST5130062E BST5130063E	37.13	400	400	150
7	BST5130071E BST5130072E BST5130073E	38.18	400	400	150
8	BST5130081E BST5130082E BST5130083E	47.19	500	400	150
9	BST5130091E BST5130092E BST5130093E	55.73	500	500	210
10	BST5130101E BST5130102E BST5130103E	63.38	600	400	210
11	BST5130111E BST5130112E BST5130113E	88.08	700	400	210
12	BST5130121E BST5130122E BST5130123E	157.37	700	700	300
13	BST5130131E BST5130132E BST5130133E	161.52	800	600	300
14	BST5130141E BST5130142E BST5130143E	271.17	1000	800	300
15	BST5130151E BST5130152E BST5130153E	207.30	800	800	400
16	BST5130161E BST5130162E BST5130163E	251.98	900	900	400
17	BST5130171E BST5130172E BST5130173E	577.77	1200	1200	400

防爆接线箱（盒）
Explosion-proof Junction Box

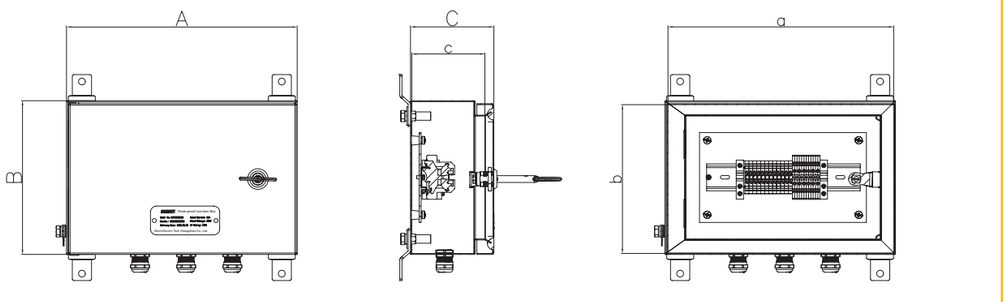
→ BST5130E系列 Series

IECEx ATEX CCC RoHS REACH

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm) 长 long A	宽 wide B	高 high C	型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	100	100	60	BST5130011E	最小距离≥3	D/E F/G	3 3	3 3	3 3	2 2	2 2	/ /	/ /	/ /	/ /	/ /
2	150	150	80	BST5130021E			9 9	5 5	5 5	4 4	4 4	3 3	/ /	/ /	/ /	/ /
3	200	150	80	BST5130031E			15 9	7 5	7 5	5 4	5 4	4 3	/ /	/ /	/ /	/ /
4	300	200	110	BST5130041E BST5130042E BST5130043E			36 23	20 12	20 12	15 9	15 9	8 5	5 3	4 3	/ /	/ /
5	400	200	150	BST5130051E BST5130052E BST5130053E			82 32	42 18	42 18	36 17	36 17	18 11	14 8	6 3	5 2	4 2
6	400	400	150	BST5130061E BST5130062E BST5130063E			82 68	42 42	42 42	36 36	36 36	18 26	14 14	6 8	5 5	4 4
7	500	400	150	BST5130071E BST5130072E BST5130073E			84 68	54 42	54 42	45 36	45 36	29 26	18 14	9 8	6 5	5 4
8	400	400	210	BST5130081E BST5130082E BST5130083E			110 110	84 84	84 84	60 60	60 60	36 36	21 21	12 12	10 10	8 8
9	500	500	210	BST5130091E BST5130092E BST5130093E			147 147	108 108	108 108	80 80	80 80	48 48	27 27	18 18	12 12	12 12
10	600	400	210	BST5130101E BST5130102E BST5130103E			182 119	132 84	132 84	95 60	95 60	56 36	33 21	18 14	14 10	14 8
11	700	400	210	BST5130111E BST5130112E BST5130113E			210 119	156 84	156 84	110 60	110 60	68 36	39 21	29 14	18 10	16 8
12	700	700	300	BST5130121E BST5130122E BST5130123E			330 330	260 260	260 260	176 176	176 176	102 102	65 65	40 40	30 30	24 24
13	800	600	300	BST5130131E BST5130132E BST5130133E			385 286	261 220	261 220	200 152	200 152	114 84	75 55	48 36	30 24	21 21
14	1000	800	300	BST5130141E BST5130142E BST5130143E			484 385	333 261	333 261	256 200	256 200	144 114	95 75	60 48	39 30	33 27
15	800	800	400	BST5130151E BST5130152E BST5130153E			560 560	390 390	390 390	286 286	286 286	171 171	105 105	60 60	50 50	36 36
16	900	900	400	BST5130161E BST5130162E BST5130163E			600 600	429 429	429 429	319 319	319 319	176 176	118 118	65 65	44 44	40 40
17	1200	1200	400	BST5130171E BST5130172E BST5130173E			795 795	585 585	585 585	429 429	429 429	232 232	132 132	90 90	60 60	56 56

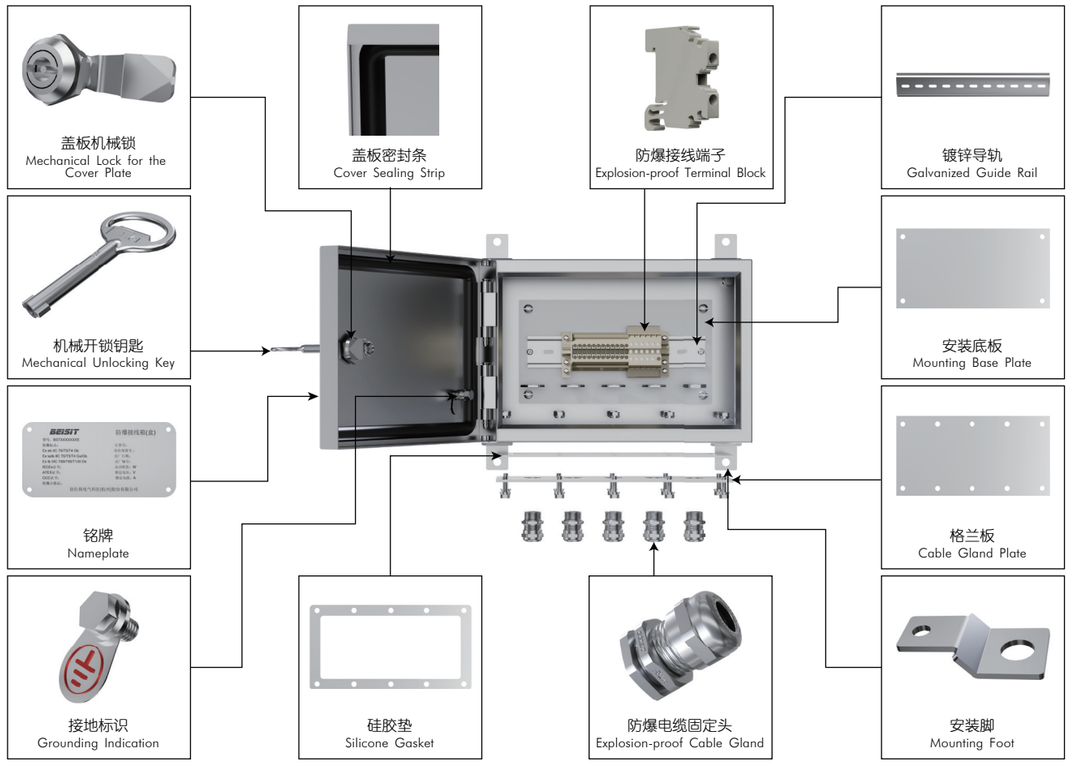
外形尺寸 Outline Drawing



防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5130E带格兰板系列 (With Flange Plate) Series

IECEx ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用不锈钢(304、316、316L)外露紧固件为不锈钢。
2.组成部分：安装底板、安装脚、接地标识、盖板紧固件、盖板密封条、铭牌
（防爆接线端子、防爆呼吸阀、防爆电缆固定头、导轨可根据客户要求配置，客户也可自购自装）。
3.可选装带格兰板认证的箱体结构，格兰孔可根据用户情况自定开孔，方便现场施工维护。

1. The enclosure is made of stainless steel (304, 316, 316L), and the exposed fasteners are also made of stainless steel.
2. Components: mounting base plate, mounting feet, grounding label, cover fasteners, cover sealing strip, nameplate.
(Explosion-proof terminal blocks, explosion-proof breather valves, explosion-proof cable glands, and guide rails can be configured according to customer requirements. Customers can also purchase and install them by themselves.)
3. Optional certified gland plate structure: Gland holes can be custom-drilled on-site according to user requirements, ensuring flexibility for installation and maintenance.

产品FAB The FAB of the Product

特点 Feature	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 防爆接线箱带本安型认证 The explosion-proof junction box has intrinsic safety type certification，Ex ib IIC T6/T5/T4 Gb 防护等级 Protection level：IP66 密封条可以选用PU发泡、平板硅胶、硅胶发泡 The sealing strips can be selected from PU foam, flat silicone rubber, and silicone foam.
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有17种规格，最小规格是100x100x60mm，最大规格是1200x1200x400mm。 There are 17 specifications in total, ranging from the smallest 100x100x60mm (unit unspecified) to the largest 1200x1200x400mm (unit unspecified).
价值 Benefit	产品系列齐全，根据客户需求，可选最具性价比的产品。 There is a complete product series. According to customers' needs, the most cost-effective products can be selected.

防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5130E带格兰板系列 (With Flange Plate) Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 爆炸性气体环境0区、1区、2区；爆炸性粉尘环境21区、22区
Zone 0, Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating: IP66

抗冲击性能 Impact Resistance: 7J

使用环境温度 Ambient Temperature: -55℃≤Ta≤+40℃/+55℃/+60℃

材料厚度 Material Thickness: 标配 Standard 1.5mm（其他定制 Can be Customized）

材料 Material: 不锈钢 Stainless Steel（304、316、316L）

表面处理 Surface Treatment: 抛光及拉丝 Polishing and Drawing

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db
ATEX证 Certificate	⟨Ex⟩ II 2 G Ex eb IIC T6/T5/T4 Gb ⟨Ex⟩ II 1 G Ex ia IIC T6/T5/T4 Ga ⟨Ex⟩ II 2 G Ex ib IIC T6/T5/T4 Gb ⟨Ex⟩ II 2 D Ex tb IIIC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia IIC T6/T5/T4 Ga Ex ib IIC T6/T5/T4 Gb Ex tb IIIC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板机械锁 Mechanical Lock for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	格兰板 Cable Gland Plate	304不锈钢 Stainless Steel
	硅胶垫 Silicone gasket	聚氨酯 PU

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation guide rail	镀锌钢板 Galvanized Steel Sheet
	防爆接线端子 Explosion-proof Terminal Block	PA
	防爆电缆固定头 Explosion-proof Cable Gland	金属 Metal
	防爆呼吸阀 Explosion-proof Breather Valve	金属 Metal

防爆接线箱（盒）
Explosion-proof Junction Box

→ BST5130带格兰板系列 (With Flange Plate) Series

IECEx ATEX CCC RoHS REACH

耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST5130051E BST5130052E BST5130053E	22.30	400	200	150
2	BST5130061E BST5130062E BST5130063E	37.13	400	400	150
3	BST5130071E BST5130072E BST5130073E	38.18	400	400	150
4	BST5130081E BST5130082E BST5130083E	47.19	500	400	150
5	BST5130091E BST5130092E BST5130093E	55.73	500	500	210
6	BST5130101E BST5130102E BST5130103E	63.38	600	400	210
7	BST5130111E BST5130112E BST5130113E	88.08	700	400	210
8	BST5130121E BST5130122E BST5130123E	157.37	700	700	300
9	BST5130131E BST5130132E BST5130133E	161.52	800	600	300
10	BST5130141E BST5130142E BST5130143E	271.17	1000	800	300
11	BST5130151E BST5130152E BST5130153E	207.30	800	800	400
12	BST5130161E BST5130162E BST5130163E	251.98	900	900	400
13	BST5130171E BST5130172E BST5130173E	577.77	1200	1200	400

防爆接线箱（盒）
Explosion-proof Junction Box

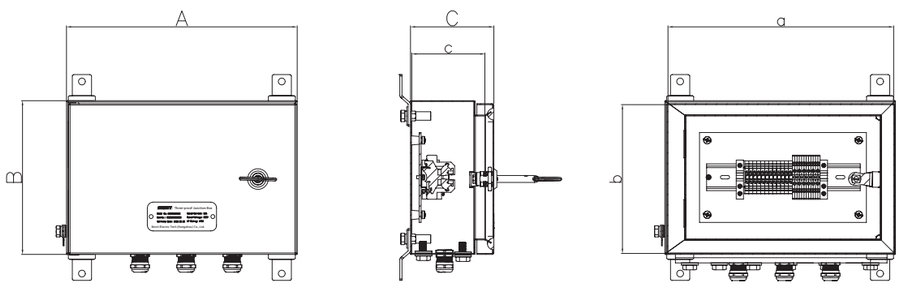
→ BST5130带格兰板系列 (With Flange Plate) Series

IECEx ATEX RoHS REACH

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model									
	长 long A	宽 wide B	高 high C			F D E G	M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	400	200	150	BST5130051E BST5130052E BST5130053E	最小距离≥3	D/E F/G	44	24	24	11	11	8	6	5	/	/
2	400	400	150	BST5130061E BST5130062E BST5130063E			44 44	24 24	24 24	11 11	11 11	8 8	6 6	5 5	/ /	/ /
3	500	400	150	BST5130071E BST5130072E BST5130073E			56 41	32 24	32 24	14 10	14 10	10 8	8 6	6 5	/ /	/ /
4	400	400	210	BST5130081E BST5130082E BST5130083E			70 70	48 48	48 48	40 40	40 40	24 24	12 12	9 9	5 5	4 4
5	500	500	210	BST5130091E BST5130092E BST5130093E			95 95	64 64	64 64	54 54	54 54	30 30	20 20	12 12	7 7	5 5
6	600	400	210	BST5130101E BST5130102E BST5130103E			120 74	80 48	80 48	51 30	51 30	39 24	20 12	16 10	7 7	6 4
7	700	400	210	BST5130111E BST5130112E BST5130113E			140 74	112 48	112 48	61 30	61 30	45 24	24 12	18 10	8 7	7 4
8	700	700	300	BST5130121E BST5130122E BST5130123E			252 252	191 191	191 191	140 140	140 140	75 75	48 48	32 32	27 27	18 18
9	800	600	300	BST5130131E BST5130132E BST5130133E			297 216	224 160	224 160	168 119	168 119	90 65	56 40	33 24	27 21	23 12
10	1000	800	300	BST5130141E BST5130142E BST5130143E			378 297	336 224	336 224	217 168	217 168	115 90	72 56	42 33	36 27	22 16
11	800	800	400	BST5130151E BST5130152E BST5130153E			429 429	308 308	308 308	240 240	240 240	126 126	84 84	54 54	39 39	32 32
12	900	900	400	BST5130161E BST5130162E BST5130163E			481 481	341 341	341 341	297 297	297 297	140 140	96 96	64 64	44 44	30 30
13	1200	1200	400	BST5130171E BST5130172E BST5130173E			714 714	473 473	473 473	370 370	370 370	196 196	126 126	85 85	60 60	39 39

外形尺寸 Outline Drawing



隔爆型防爆箱
Ex d Explosion-proof Boxes

隔爆型防爆箱性能表
Performance Table for Ex d Explosion-proof Boxes

→ BST9010/30/40B系列 Series

IEC Ex · RoHS · REACH

产品系列 Product Series	BST9010B 系列 Series	BST9030B 系列 Series	BST9040B 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	不锈钢 Stainless Steel (304/316/316L)	碳钢 Carbon Steel
密封条 Sealing Strip	硅胶 Silicone Rubber	硅胶 Silicone Rubber	硅胶 Silicone Rubber/PU
表面处理 Surface Treatment	高压静电喷涂 High Voltage Electrostatic Spraying	抛光/拉丝 Polishing/Brushing	高压静电喷涂 High Voltage Electrostatic Spraying
环境 Working Environment	室内、室外、石油化工 Indoor, Outdoor, Petrochemical	室内、室外、石油化工、海洋工程 Indoor, Outdoor, Petrochemical, Marine Engineering	室内、室外、石油化工 Indoor, Outdoor, Petrochemical
优势 Advantages	免维护、强度高 Maintenance-free, High Strength	免维护、强度高 Maintenance-free, High Strength	免维护、强度高 Maintenance-free, High Strength
防化学腐蚀 Degree of Chemical Corrosion Resistance	好 Good	很好 Excellent	好 Good
防海水腐蚀 Degree of Seawater Corrosion Resistance	好 Good	很好 Excellent	不足 Normal
防紫外线 Degree of UV-Proof	很好 Excellent	很好 Excellent	很好 Excellent
特点 Specifications			
最低工作温度 Min Operating Temperature	-55℃	-55℃	-55℃
最高工作温度 Max Operating Temperature	130℃	130℃	130℃
抗冲击力 Impact Resistant	7J	10J	10J
IP防护等级 IP Rating	IP66	IP66	IP66
尺寸 Dimensions			
长x宽x高（最小） H*W*D(min) mm	300*200*190mm	300*220*190mm	300*220*190mm
长x宽x高（最大） H*W*D(max) mm	860*660*480mm	860*660*415mm	860*660*415mm

隔爆空箱（盒）选型指南
Selection Guide for Ex d Empty Enclosure (box)

→ BST90系列 Series

IEC Ex · ATEX · RoHS · REACH

产品系列 Product Series	BST9010B 系列 Series	BST9030B 系列 Series	BST9040B 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	不锈钢 Stainless Steel (304/316/316L)	碳钢 Carbon Steel (Q235)
密封材质 Sealing Material	硅胶 Silicone Rubber		
认证类别 Certification Category	IECEx		
防爆标志 Ex-Mark	Ex db ⅡB+H_2 Gb Ex tb ⅢC Db		
防护等级 IP Rating	IP66		
温度范围 Temperature Range	工作温度: -55℃~+130℃	工作温度: -55℃~+130℃	工作温度: -55℃~+130℃
箱体编号 Box Number	1#~9#	1#~9#	1#~9#
详细页码 Page Number	P50-P52	P53-P55	P56-P58

型号含义 Model Meaning

BST	□	□	□	□	□	□
倍仕得 BEISIT	名称 Name 9: 电控盘装置 Electrical Control Panel Device	属性 Attributes 0: 空箱 Empty Box	材质 Material 10: 铸铝 Cast Aluminium(ADC12) 30: 不锈钢 Stainless Steel (304、316、316L) 40: 碳钢 Carbon Steel (Q235)	箱体尺寸代码 Box Size Code 01# 02# 03# ……	结构形式 Structure Form 1: 螺钉式 Screw Type 2: 螺钉+铰链式 Screw + Hinge Type	功能类别 Function Category B: Exd IIB+H_2

举例：01#箱体尺寸300*200*190mm，型号即为：BST9010012B
For Example: 01# Box Size is 300*200*190mm, The Model is: BST9010012B

防爆电控盘装置选型指南
Selection Guide for Explosion-proof Electrical Control Panel Device

→ BST91系列 Series

IEC Ex ATEX CCC RoHS REACH

产品系列 Product Series	BST9110B 系列 Series	BST9130B 系列 Series	BST9140B 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	不锈钢 Stainless Steel (304/316/316L)	碳钢 Carbon Steel (Q235)
密封材质 Sealing Material	硅胶 Silicone Rubber		
认证类别 Certification Category	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate		
防爆标志 Ex-Mark	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db Ⓔx Ⅱ 2 G Ex db ⅡB+ H_2 T6/T5/T4 Gb Ⓔx Ⅱ 2 D Ex tb ⅢC T80℃ /95℃ /130℃ Db		
防护等级 IP Rating	IP66		
温度范围 Temperature Range	工作温度： -55℃～+130℃	工作温度： -55℃～+130℃	工作温度： -55℃～+130℃
箱体编号 Box Number	1#～9#	1#～9#	1#～9#
详细页码 Page Number	P59-P62	P63-P66	P67-P70

型号含义 Model Meaning

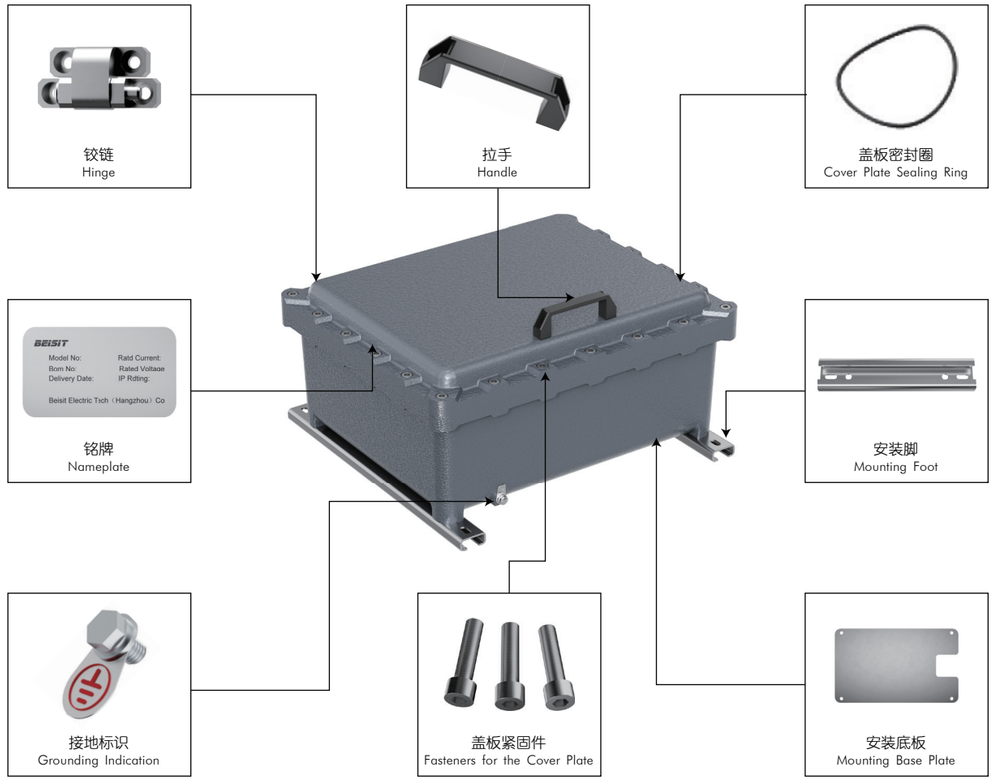
BST	□	□	□	□	□	□
倍仕得 BEISIT	名称 Name 9：电控盘装置 Electrical Control Panel Device	属性 Attributes 1：整机 Complete Machine	材质 Material 10：铸铝 Cast Aluminium(ADC12) 30：不锈钢 Stainless Steel (304、316、316L) 40：碳钢 Carbon Steel (Q235)	箱体尺寸代码 Box Size Code 01# 02# 03#	结构形式 Structure Form 1：螺钉式 Screw Type 2：螺钉+铰链式 Screw + Hinge Type	功能类别 Function Category B：Exd ⅡB+H_2

举例：01#箱体尺寸300*200*190mm，型号即为：BST9110012B
For Example: 01# Box Size is 300*200*190mm, The Model is: BST9110012B

隔爆空箱（盒）
Ex d Empty Enclosure (Box)

→ BST9010B系列 Series

IEC Ex RoHS REACH



产品描述 Product Description

1.外壳采用铝合金ADC12材质，表面进行喷涂纯环氧树脂粉末，外露紧固件强度为A2-70不锈钢材质。
2.组成部分：安装底板、接地标识、安装脚、盖板紧固件、盖板密封圈、铰链、拉手、铭牌。
3.内部无任何的电器元器件，箱体上无任何的开孔并不带电缆固定头。
1. The enclosure is made of aluminum alloy ADC12. The surface is sprayed with pure epoxy resin powder. The exposed fasteners are made of A2 - 70 stainless steel.
2. Composition parts: Installation base plate, grounding mark, installation feet, cover plate fasteners, cover plate sealing ring, hinge, handle, nameplate.
3. The interior contains no electrical components, and the enclosure has no openings or cable glands.

产品特点 Product Feature

1.隔爆空箱有国际IECEx认证。
2.防护等级：IP66。
3.工作温度：-55℃～+130℃。
4.适用于爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区。
5.广泛用于石油开采、炼油、化工、油轮等易燃易爆气体环境，也可用于纤维、面粉、金属加工等可燃性粉尘场所。
1. The Ex d empty box has the international IECEx certification.
2. IP Rating: IP66.
3. Operating temperature: -55°C to +130°C.
4. Suitable for: Explosive gas atmospheres in Zone 1 and Zone 2; Explosive dust environments in Zone 21 and Zone 22.
5. Widely used in: Flammable gas environments (e.g., petroleum extraction, oil refining, chemical plants, oil tankers); Combustible dust environments (e.g., fiber, flour, metal processing).

隔爆空箱（盒）
Ex d Empty Enclosure (Box)

→ BST9010B系列 Series

IEC IECEx RoHS REACH

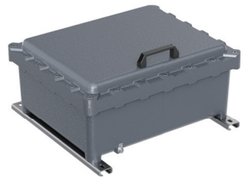
适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating: IP66

抗冲击性能 Impact Resistance: 7J

工作温度 Operating Temperature: -55℃～+130℃

材料 Material: 铝合金 Aluminum Alloy ADC12



认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db ⅡB+H_2 Gb Ex tb ⅢC Db

组件数据–标配 Component Data-Standard

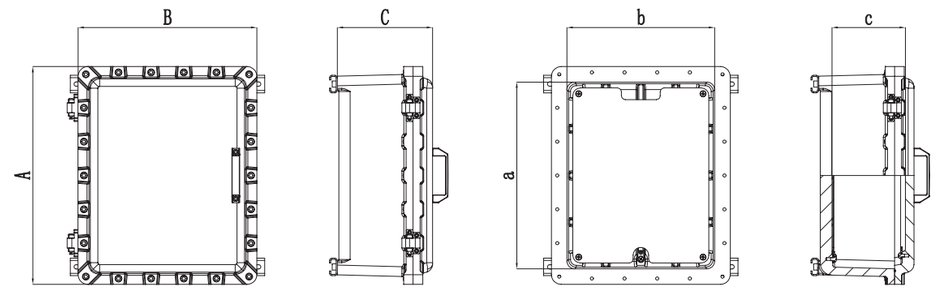
图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铰链 Hinge	304不锈钢 Stainless Steel
	安装脚 Mounting Foot	Q235
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封圈 Cover Plate Sealing Ring	硅胶 Silicone
	拉手 Handle	铝合金 Aluminum Alloy
	铭牌 Nameplate	不干胶 Self-adhesive Sticker

隔爆空箱（盒）
Ex d Empty Enclosure (Box)
→ BST9010B系列 Series
IEC IECEx RoHS REACH

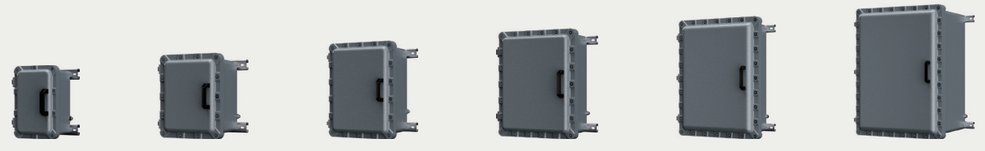
尺寸数据 Size Data

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	容积 Volume (cm^3)	订货号 Order no
	长 long (A)	宽 wide (B)	高 high (C)	长 long (a)	宽 wide (b)	高 high (c)			
1#	300	200	190	239	139	153	10.44	5040	BST9010012B
2#	360	300	245	275	215	190	22.95	11230	BST9010022B
3#	460	360	245	371	271	189	37.34	18980	BST9010032B
4#	560	460	245	471	371	189	55.08	33040	BST9010042B
5#	560	460	340	471	371	284	63.96	48690	BST9010052B
6#	720	560	245	615	450	172	93.25	47600	BST9010062B
7#	720	560	340	615	450	267	108.13	73060	BST9010072B
8#	860	660	340	755	550	264	155.60	109620	BST9010082B
9#	860	660	480	755	550	404	180.66	167760	BST9010092B

外形尺寸 Outline Drawing



实物图样 Actual Illustrations for Optional Sizes

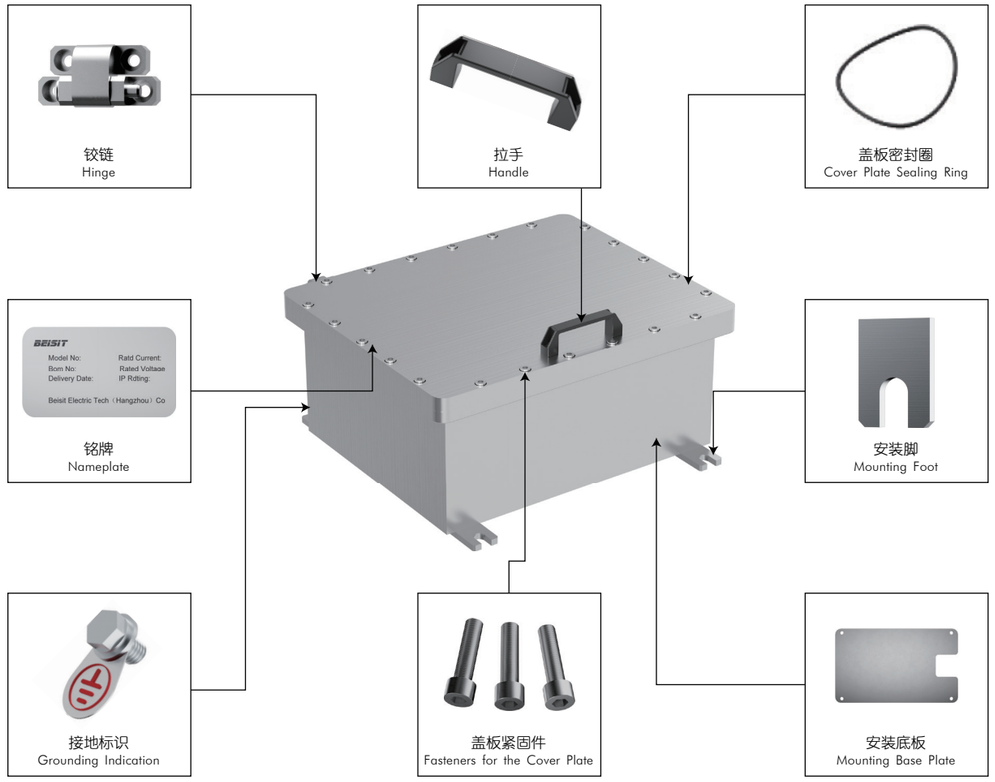


隔爆空箱（盒）
Ex d Empty Enclosure (Box)

BEISIT

→ BST9030B系列 Series

IEC IECEx RoHS REACH



产品描述 Product Description

1.外壳采用不锈钢(304、316、316L)材质，表面拉丝处理，外露紧固件强度为A2-70不锈钢材质。
2.组成部分：安装底板、接地标识、安装脚、盖板紧固件、盖板密封圈、铰链、拉手、铭牌。
3.内部无任何的电器元器件，箱体上无任何的开孔并不带电缆固定头。

1. The enclosure is made of stainless steel (304, 316, 316L), with a brushed surface treatment. The exposed fasteners are made of A2 - 70 stainless steel.
2. Components: installation base plate, grounding mark, installation feet, cover fasteners, cover sealing ring, hinge, handle, nameplate.
3. The interior contains no electrical components, and the enclosure has no openings or cable glands.

产品特点 Product Feature

1.隔爆空箱有国际IECEx认证。
2.防护等级：IP66。
3.工作温度：-55℃~+130℃。
4.适用于爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区。
5.广泛用于石油开采、炼油、化工、油轮等易燃易爆气体环境，也可用于纤维、面粉、金属加工等可燃性粉尘场所。

1. The Ex d empty box has the international IECEx certification.
2. IP Rating : IP66.
3. Operating temperature: -55°C to +130°C.
4. Suitable for: Explosive gas atmospheres in Zone 1 and Zone 2; Explosive dust environments in Zone 21 and Zone 22.
5. Widely used in: Flammable gas environments (e.g., petroleum extraction, oil refining, chemical plants, oil tankers); Combustible dust environments (e.g., fiber, flour, metal processing).

隔爆空箱（盒）
Ex d Empty Enclosure (Box)

BEISIT

→ BST9030B系列 Series

IEC IECEx RoHS REACH

适用范围 Application Scope:	爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区 Zone 1 and Zone 2 in Explosive Gas Atmospheres; Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating:	IP66
抗冲击性能 Impact Resistance:	7J
工作温度 Operating Temperature:	-55℃～+130℃
材料 Material:	不锈钢 Stainess Steel （304、316、316L）

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db ⅡB+H_2 Gb Ex tb ⅢC Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铰链 Hinge	304不锈钢 Stainless Steel
	安装脚 Mounting Foot	Q235
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封圈 Cover Plate Sealing Ring	硅胶 Silicone
	拉手 Handle	铝合金 Aluminum Alloy
	铭牌 Nameplate	不干胶 Self-adhesive Sticker

隔爆空箱（盒）
Ex d Empty Enclosure (Box)

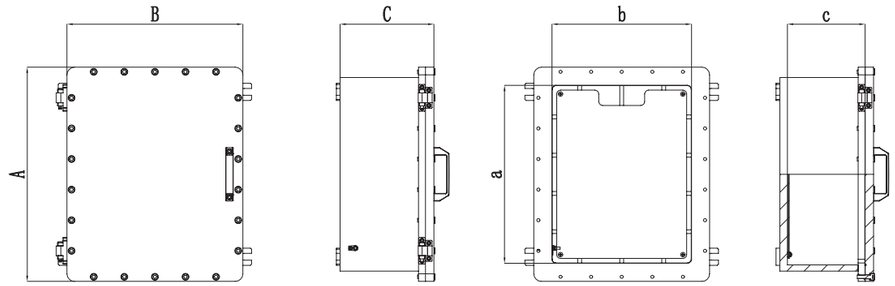
→ BST9030B系列 Series

IEC IECEx RoHS REACH

尺寸数据 Size Data

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	容积 Volume (cm^3)	订货号 Order no
	长 long (A)	宽 wide (B)	高 high (C)	长 long (a)	宽 wide (b)	高 high (c)			
1#	300	200	190	254	178	167	21.79	7650	BST9030012B
2#	360	300	190	314	254	167	15.17	13200	BST9030022B
3#	460	360	245	404	304	209	65.51	25870	BST9030032B
4#	560	460	245	488	388	203	106.95	38220	BST9030042B
5#	560	460	340	488	388	298	120.56	57330	BST9030052B
6#	720	560	245	638	478	193	179.31	58360	BST9030062B
7#	720	560	340	638	478	288	196.58	89080	BST9030072B
8#	860	660	245	778	578	193	241.83	85950	BST9030082B
9#	860	660	415	778	578	363	262.75	162860	BST9030092B

外形尺寸 Outline Drawing

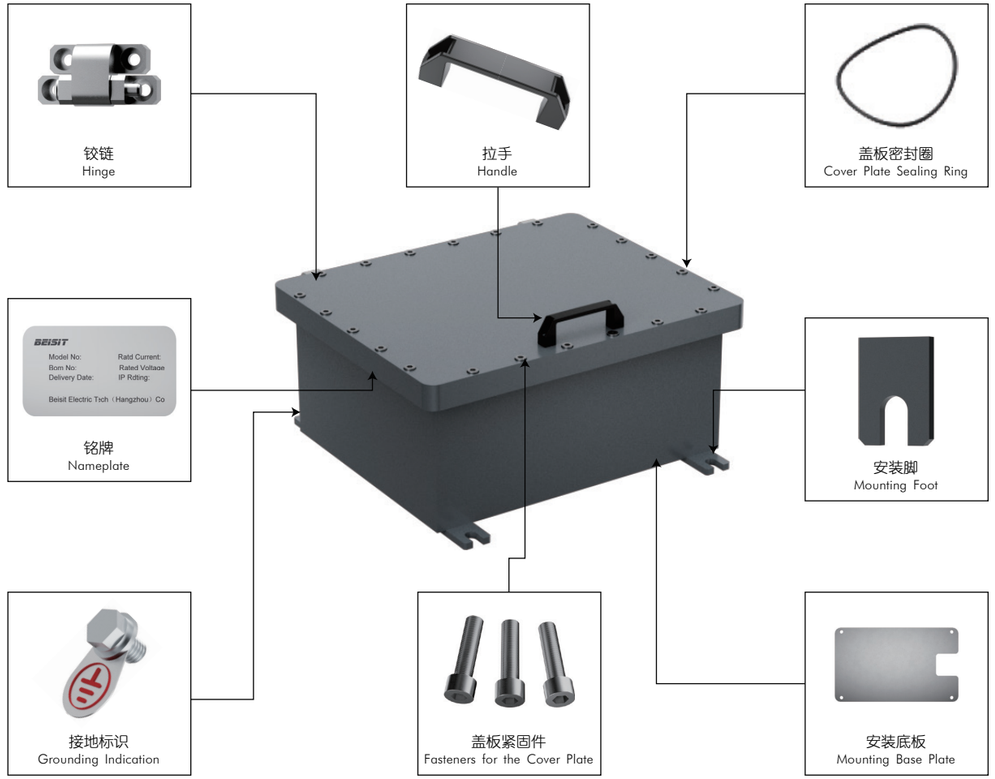


实物图样 Actual Illustrations for Optional Sizes

隔爆空箱（盒）
Ex d Empty Enclosure (Box)

→ BST9040B系列 Series

IEC IECEx RoHS REACH



产品描述 Product Description

1.外壳采用碳钢材质，表面进行喷涂纯环氧树脂粉末，外露紧固件强度为A2-70不锈钢材质。
2.组成部分：安装底板、接地标识、安装脚、盖板紧固件、盖板密封圈、铰链、拉手、铭牌。
3.内部无任何的电器元器件，箱体上无任何的开孔并不带电缆固定头。

1. The enclosure is made of carbon steel. The surface is sprayed with pure epoxy resin powder. The exposed fasteners are made of A2 - 70 stainless steel.
2. Components: Installation base plate, Grounding identification, Installation feet, Cover plate fasteners, Cover plate sealing ring, Hinge, Handle, Nameplate.
3. The interior contains no electrical components, and the enclosure has no openings or cable glands.

产品特点 Product Feature

1.隔爆空箱有国际IECEx认证。
2.防护等级：IP66。
3.工作温度：-55℃~+130℃。
4.适用于爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区。
5.广泛用于石油开采、炼油、化工、油轮等易燃易爆气体环境，也可用于纤维、面粉、金属加工等可燃性粉尘场所。

1. The Ex d empty box has the international IECEx certification.
2. IP Rating: IP66.
3. Operating temperature: -55°C to +130°C.
4. Suitable for: Explosive gas atmospheres in Zone 1 and Zone 2; Explosive dust environments in Zone 21 and Zone 22.
5. Widely used in: Flammable gas environments (e.g., petroleum extraction, oil refining, chemical plants, oil tankers); Combustible dust environments (e.g., fiber, flour, metal processing).

隔爆空箱（盒）
Ex d Empty Enclosure (Box)

→ BST9040B系列 Series

IEC IECEx RoHS REACH

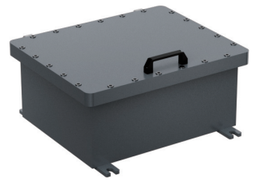
适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.

防护等级 IP Rating: IP66

抗冲击性能 Impact Resistance: 7J

工作温度 Operating Temperature: -55℃～+130℃

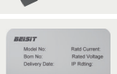
材料 Material: 碳钢 Carbon Steel（Q235）



认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db ⅡB+H_2 Gb Ex tb ⅢC Db

组件数据–标配 Component Data-Standard

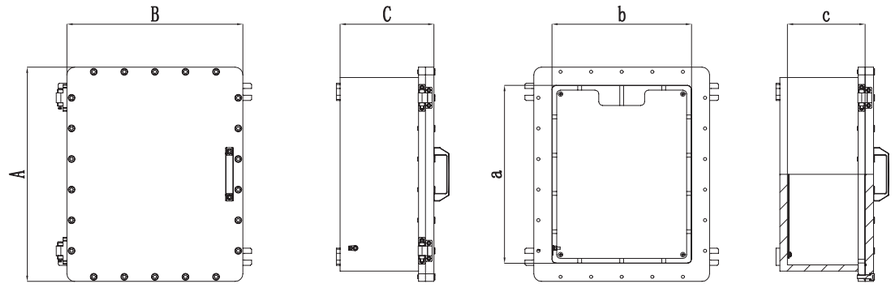
图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铰链 Hinge	304不锈钢 Stainless Steel
	安装脚 Mounting Foot	Q235
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封圈 Cover Plate Sealing Ring	硅胶 Silicone
	拉手 Handle	铝合金 Aluminum Alloy
	铭牌 Nameplate	不干胶 Self-adhesive Sticker

隔爆空箱（盒）
Ex d Empty Enclosure (Box)
→ BST9040B系列 Series
IEC IECEx RoHS REACH

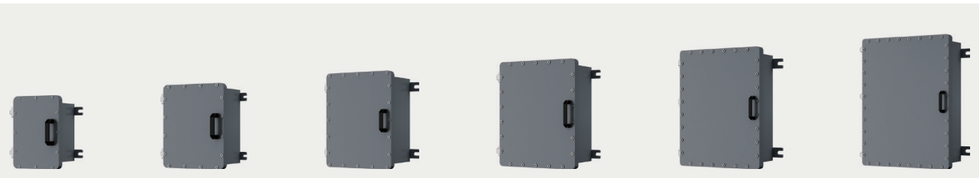
尺寸数据 Size Data

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	容积 Volume (cm^3)	订货号 Order no
	长 long (A)	宽 wide (B)	高 high (C)	长 long (a)	宽 wide (b)	高 high (c)			
1#	300	200	190	254	178	167	15.16	7650	BST9040012B
2#	360	300	190	314	254	167	21.78	13200	BST9040022B
3#	460	360	245	404	304	209	65.50	25870	BST9040032B
4#	560	460	245	488	388	203	106.95	38220	BST9040042B
5#	560	460	340	488	388	298	120.55	57330	BST9040052B
6#	720	560	245	638	478	193	179.31	58360	BST9040062B
7#	720	560	340	638	478	288	196.57	89080	BST9040072B
8#	860	660	245	778	578	193	241.83	85950	BST9040082B
9#	860	660	415	778	578	363	262.74	162860	BST9040092B

外形尺寸 Outline Drawing



实物图样 Actual Illustrations for Optional Sizes

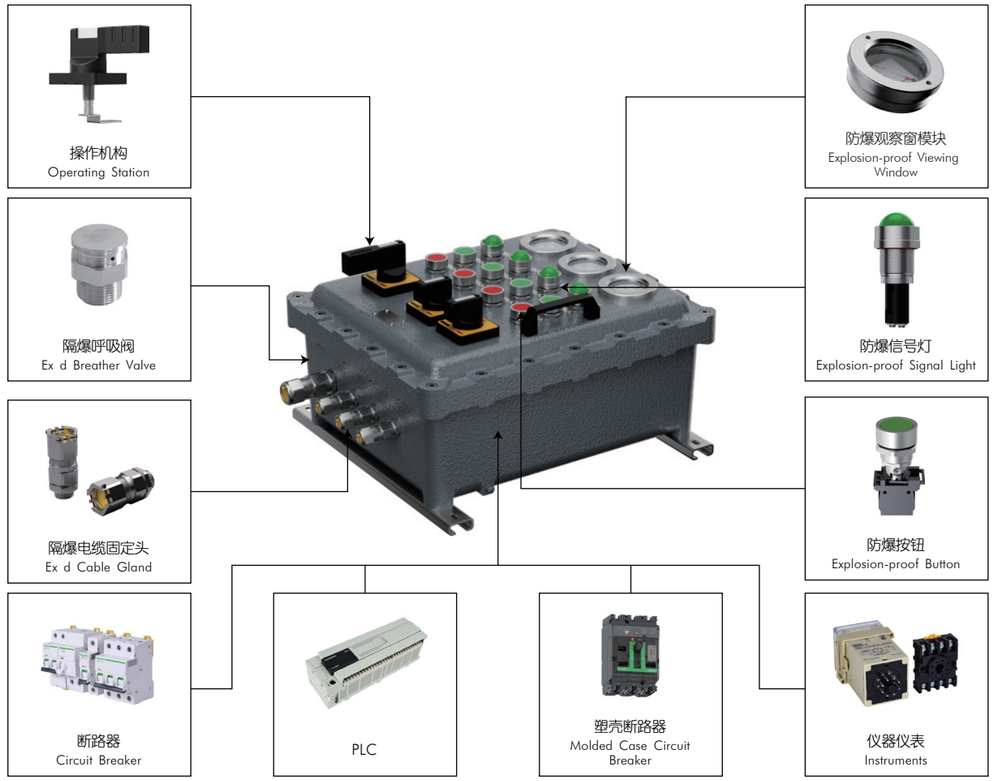


防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9110B系列 Series

IECEx ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用铝合金ADC12材质，表面进行喷涂纯环氧树脂粉末，外露紧固件强度为A2-70不锈钢材质。
2.组成部分：安装底板、接地标识、安装脚、盖板紧固件、盖板密封圈、铰链、拉手、铭牌、导轨（接线端子、隔爆呼吸阀、隔爆电缆固定头可根据客户要求配置，客户也可自购自装）。

1. The enclosure is made of aluminum alloy ADC12. Its surface is sprayed with pure epoxy resin powder. The exposed fasteners are made of A2 - 70 stainless steel.
2. Components: Installation base plate, grounding sign, mounting feet, cover plate fasteners, cover plate sealing ring, hinge, handle, nameplate, guide rail. (Terminal blocks, Ex d breather valves and Ex d cable glands can be configured according to customer requirements. Customers can also purchase and install them by themselves.)

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 隔爆箱可在IIB+氢气环境中使用 The Ex d box can be used in the IIB + hydrogen environment. 隔爆箱面板Ex元件均取认证 All Ex components on the Ex d box panel are certified. 隔爆箱壁厚20mm以上，箱体强度高，水压测试可达到2.4MPa The wall thickness of the Ex d box is over 20mm, with high strength, and it can withstand a water pressure test of up to 2.4MPa. 防护等级 IP Rating：IP66
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有9种规格，最小规格是300x200x190mm，最大规格是860x660x480mm。 There are 9 specifications in total, ranging from the smallest 300x200x190mm (unit unspecified) to the largest 860x660x480mm (unit unspecified).
价值 Benefit	纯隔爆型安全系数更高-国内 The pure Ex d type has a higher safety factor - in the domestic market. 可接受OEM、ODM合作方式（保密性、隐蔽性更强）-国外 OEM and ODM cooperation modes are acceptable (with stronger confidentiality and concealment) - in the overseas market.

防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9110B系列 Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
使用环境温度 Ambient Temperature: -55℃≤Ta≤+60℃
材料 Material: 铝合金 Aluminum Alloy ADC12

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ Ⅱ 2 G Ex db ⅡB+H_2 T6/T5/T4 Gb ⟨Ex⟩ Ⅱ 2 D Ex tb ⅢC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material	图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet		接地标识 Grounding Indication	304不锈钢 Stainless Steel
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel		铰链 Hinge	304不锈钢 Stainless Steel
	盖板密封圈 Cover Plate Sealing Ring	硅胶 Silicone		安装脚 Mounting Foot	Q235
	铭牌 Nameplate	304不锈钢 Stainless Steel		拉手 Handle	铝合金 Aluminum Alloy

防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9110B系列 Series

IECEx ATEX CCC RoHS REACH

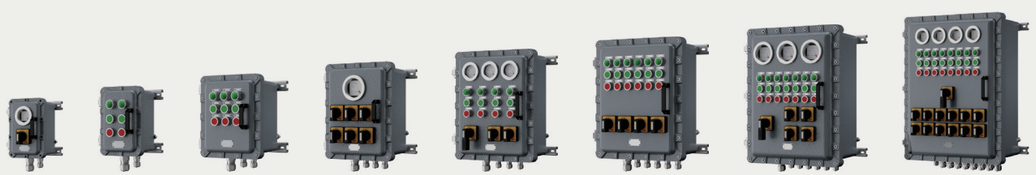
组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	防爆信号灯 Explosion-proof Signal Light	BST		操作机构A Operating Station A	BST
	防爆按钮 Explosion-proof Button			操作机构B Operating Station B	
	防爆按钮（急停） Explosion-proof E-stop Button			防爆观察窗模块 Explosion-proof Viewing Window	
	防爆带灯按钮 Explosion-proof Illuminated Button			隔爆呼吸阀 Explosion-proof Breathing Valve	
	防爆开关 Explosion-proof Switch			隔爆电缆固定头 Exd Cable Gland	

元件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	断路器 Breaker	施耐德 Schneider ABB 西门子 Siemens		接线端子 Terminal Blocks	魏德米勒 Weidmuller 菲尼克斯 Phoenix
	塑壳断路器 Molded Case Circuit Breaker	施耐德 Schneider ABB 西门子 Siemens		浪涌保护器 Surge Protector	施耐德 Schneider 天津中力 C-Power
	PLC	施耐德 Schneider ABB 西门子 Siemens		时间继电器 Time Relay	施耐德 Schneider 欧姆龙 Omron
	仪器仪表 Instrumentation	欧姆龙 Omron		漏电保护器 Leakage Protector	施耐德 Schneider

解决方案案例 Optional Ex-configuration Solutions



防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9110B系列 Series

IECEx ATEX CCC RoHS REACH

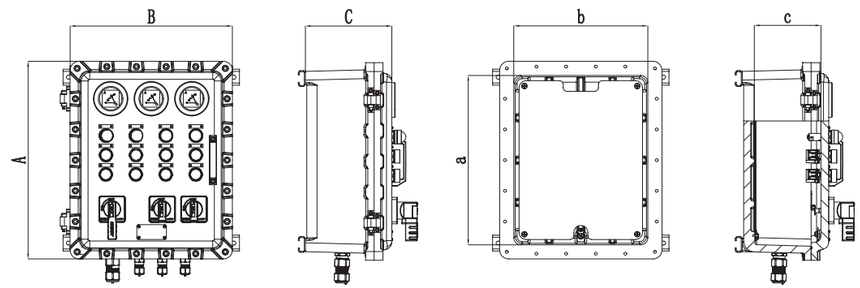
耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST9110012B	50	300	200	190
2	BST9110022B	80	360	300	245
3	BST9110032B	150	460	360	245
4	BST9110042B	200	560	460	245
5	BST9110052B	220	560	460	340
6	BST9110062B	340	720	560	245
7	BST9110072B	400	720	560	340
8	BST9110082B	500	860	660	340
9	BST9110092B	650	860	660	480

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model										
	长 long A	宽 wide B	高 high C			M16	M20	M25	M32	M40	M50	M63	M75	M80	M90	M100
1	300	200	190	BST9110012B	F D E G	5 8	4 8	3 5	2 3	1 2	1 2	1 1	1 1	1 1	/ /	/ /
2	360	300	245	BST9110022B		9 12	8 11	6 6	4 6	3 4	2 2	1 2	1 1	1 1	1 1	1 1
3	460	360	245	BST9110032B		12 17	8 12	6 10	5 7	3 4	2 3	2 2	1 2	1 2	1 2	1 1
4	560	460	245	BST9110042B		13 16	12 14	10 12	6 8	4 5	3 3	2 3	2 2	2 2	2 2	1 2
5	560	460	340	BST9110052B	D/E F/G	24 32	24 28	15 18	11 14	6 8	5 6	3 4	2 3	2 3	2 2	2 2
6	720	560	245	BST9110062B		16 20	14 20	8 11	5 7	4 5	3 4	3 3	2 3	2 3	/ /	/ /
7	720	560	340	BST9110072B		30 40	23 32	18 24	10 13	8 10	5 7	3 4	2 3	2 3	2 3	2 2
8	860	660	340	BST9110082B		31 43	24 36	20 27	12 16	10 13	6 8	4 5	3 4	3 4	2 3	2 3
9	860	660	480	BST9110092B		54 78	44 67	28 41	24 32	15 20	9 13	6 8	6 8	5 7	4 5	3 4

外形尺寸 Outline Drawing

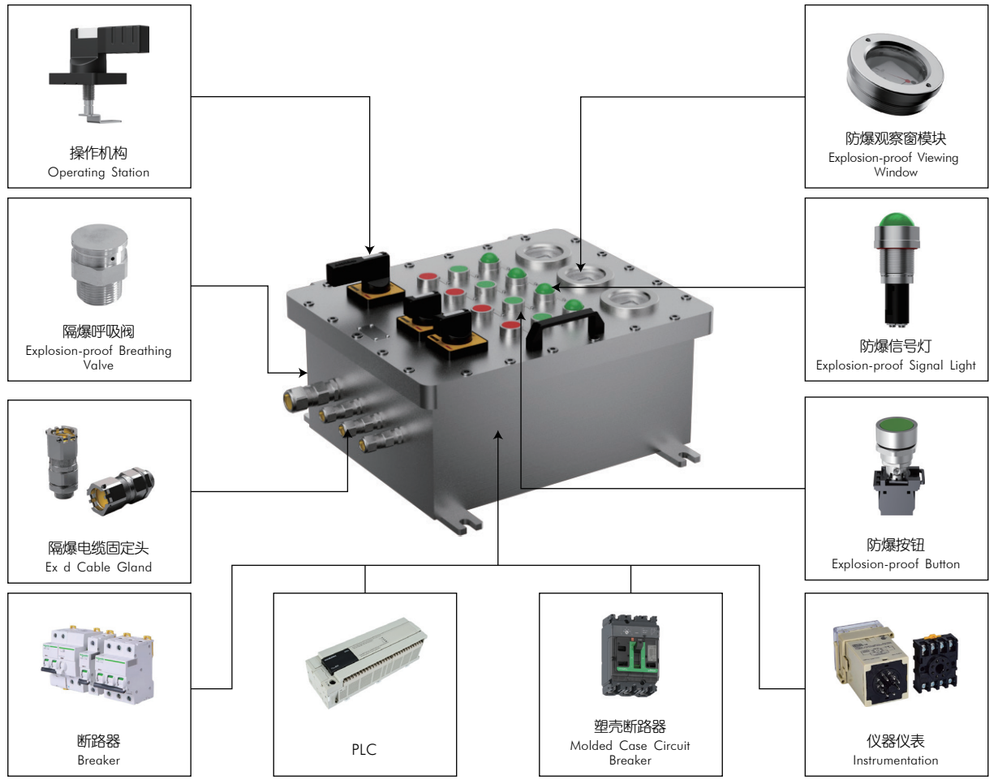


防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9130B系列 Series

IECEx ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用不锈钢(304、316、316L)材质，表面拉丝处理，外露紧固件强度为A2-70不锈钢材质。
2.组成部分：安装底板、接地标识、安装脚、盖板紧固件、盖板密封圈、铰链、拉手、铭牌、导轨（接线端子、隔爆呼吸阀、隔爆电缆固定头可根据客户要求配置，客户也可自购自装）。
3.装置整机可选装带法兰板认证的箱体结构，格兰孔可根据用户情况自定开孔，方便现场施工维护。

1. The enclosure is made of stainless steel (304, 316, 316L), with a brushed surface treatment. The exposed fasteners are made of A2 - 70 stainless steel.
2. Components: Installation base plate, grounding mark, installation feet, cover fasteners, cover sealing ring, hinge, handle, nameplate, guide rail (Wiring terminals, explosion-proof breather valve, and explosion-proof cable gland can be configured according to the customer's requirements. Customers can also purchase and install them by themselves).
3. The entire unit can be optionally equipped with a certified gland plate structure: Gland holes can be custom-drilled on-site according to user specifications, ensuring ease of installation and maintenance.

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 隔爆箱可在IIB+氢气环境中使用 The Ex d box can be used in the IIB + hydrogen environment. 隔爆箱面板Ex元件均取认证 All Ex components on the Ex d box panel are certified. 隔爆箱壁厚20mm以上，箱体强度高，水压测试可达到2.4MPa The wall thickness of the Ex d box is over 20mm, with high strength, and it can withstand a water pressure test of up to 2.4MPa. 防护等级 IP Rating：IP66
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有9种规格，最小规格是300x220x190mm，最大规格是860x660x415mm。 There are 9 specifications in total, ranging from the smallest 300x220x190mm (unit unspecified) to the largest 860x660x415mm (unit unspecified).
价值 Benefit	纯隔爆型安全系数更高-国内 The pure Ex d type has a higher safety factor - in the domestic market. 可接受OEM、ODM合作方式（保密性、隐蔽性更强）-国外 OEM and ODM cooperation modes are acceptable (with stronger confidentiality and concealment) - in the overseas market.

防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9130B系列 Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 10J
使用环境温度 Ambient Temperature: -55℃≤Ta≤+60℃
材料 Material: 不锈钢 Stainless Steel (304、316、316L)

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ Ⅱ 2 G Ex db ⅡB+H_2 T6/T5/T4 Gb ⟨Ex⟩ Ⅱ 2 D Ex tb ⅢC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db

组件数据-标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material	图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet		接地标识 Grounding Indication	304不锈钢 Stainless Steel
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel		铰链 Hinge	304不锈钢 Stainless Steel
	盖板密封圈 Cover Plate Sealing Ring	硅胶 Silicone		安装脚 Mounting Foot	Q235
	铭牌 Nameplate	304不锈钢 Stainless Steel		拉手 Handle	铝合金 Aluminum Alloy

防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9130B系列 Series

IECEx ATEX CCC RoHS REACH

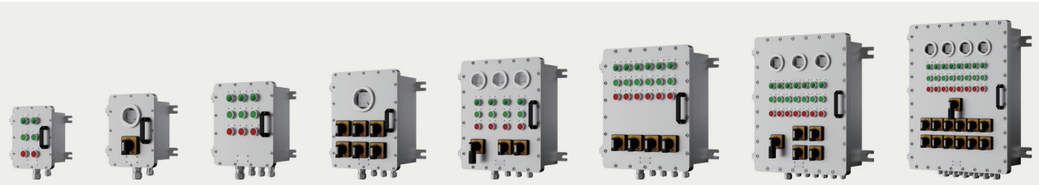
组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	防爆信号灯 Explosion-proof Signal Light	BST		操作机构A Operating Station A	BST
	防爆按钮 Explosion-proof Button			操作机构B Operating Station B	
	防爆按钮（急停） Explosion-proof E-stop Button			防爆观察窗模块 Explosion-proof Viewing Window	
	防爆带灯按钮 Explosion-proof Illuminated Button			隔爆呼吸阀 Explosion-proof Breathing Valve	
	防爆开关 Explosion-proof Switch			隔爆电缆固定头 Exd Cable Gland	

元件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	断路器 Breaker	施耐德 Schneider ABB 西门子 Siemens		接线端子 Terminal Blocks	魏德米勒 Weidmuller 菲尼克斯 Phoenix
	塑壳断路器 Molded Case Circuit Breaker	施耐德 Schneider ABB 西门子 Siemens		浪涌保护器 Surge Protector	施耐德 Schneider 天津中力 C-Power
	PLC	施耐德 Schneider ABB 西门子 Siemens		时间继电器 Time Relay	施耐德 Schneider 欧姆龙 Omron
	仪器仪表 Instrumentation	欧姆龙 Omron		漏电保护器 Leakage Protector	施耐德 Schneider

解决方案案例 Optional Ex-configuration Solutions



防爆电控盘装置
Explosion-proof Electrical Control Panel Device
BEISIT
→ BST9130B系列 Series
IECEx ATEX CCC RoHS REACH

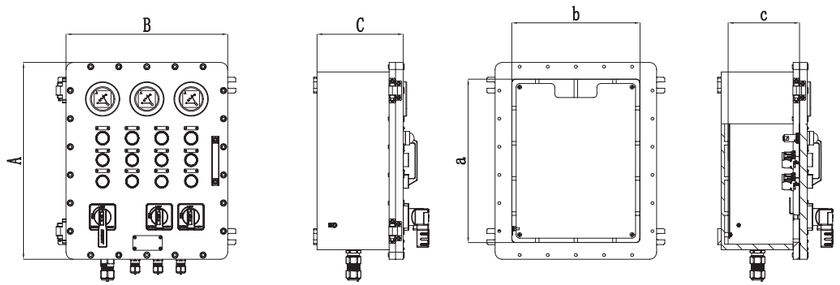
耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST9130012B	55	300	200	190
2	BST9130022B	85	360	300	190
3	BST9130032B	200	460	360	245
4	BST9130042B	230	560	460	245
5	BST9130052B	300	560	460	340
6	BST9130062B	440	720	560	245
7	BST9130072B	500	720	560	340
8	BST9130082B	550	860	660	245
9	BST9130092B	650	860	660	415

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model										
	长 long A	宽 wide B	高 high C			M16	M20	M25	M32	M40	M50	M63	M75	M80	M90	M100
1	300	200	190	BST9130012B	F D E G	11 15	6 10	6 8	4 6	2 3	2 2	1 2	1 1	1 1	1 1	1 1
2	360	300	190	BST9130022B		15 18	8 12	8 8	6 8	3 3	2 2	2 2	1 2	1 2	1 1	1 1
3	460	360	245	BST9130032B		18 24	15 21	12 17	8 10	6 8	3 3	2 3	2 2	2 2	1 2	1 2
4	560	460	245	BST9130042B		21 27	21 24	10 14	8 12	8 10	3 4	3 3	2 3	2 3	2 2	2 2
5	560	460	340	BST9130052B	D/E F/G	35 45	34 40	20 28	12 18	11 14	6 8	5 6	4 5	2 3	2 2	2 2
6	720	560	245	BST9130062B		27 36	24 33	16 18	10 14	9 12	4 5	3 4	3 3	2 3	2 3	2 3
7	720	560	340	BST9130072B		45 60	32 44	21 35	15 21	10 12	8 10	6 8	3 4	3 4	2 3	2 3
8	860	660	245	BST9130082B		33 42	30 39	16 26	13 18	11 14	4 6	4 5	3 4	3 4	3 3	3 3
9	860	660	415	BST9130092B		55 70	40 52	31 43	20 27	10 14	8 12	7 10	3 4	3 4	3 4	3 3

外形尺寸 Outline Drawing

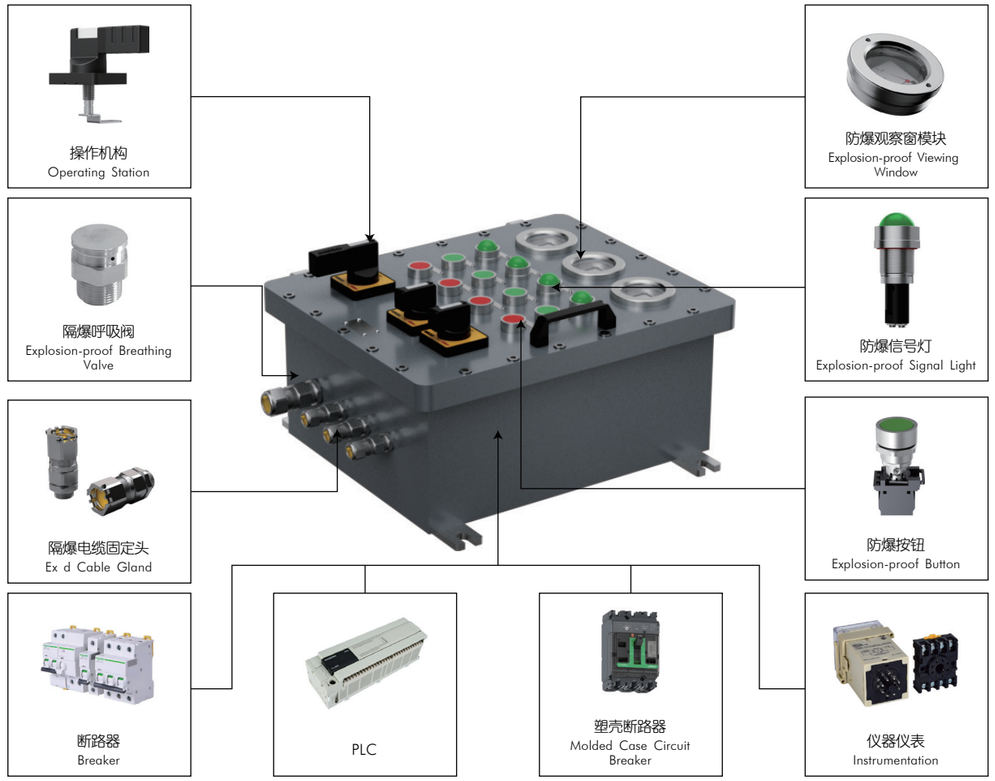


防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9140B系列 Series

IECEx ATEX CCC RoHS REACH



产品描述 Product Description

1.外壳采用碳钢材质，表面进行喷涂纯环氧树脂粉末，外露紧固件强度为A2-70不锈钢材质。
2.组成部分：安装底板、接地标识、安装脚、盖板紧固件、盖板密封圈、铰链、拉手、铭牌、导轨（隔爆接线端子、防爆呼吸阀、隔爆电缆固定头可根据客户要求配置，客户也可自购自装）。
3.装置整机可选装带法兰板认证的箱体结构，格兰孔可根据用户情况自定开孔，方便现场施工维护。

1. The enclosure is made of carbon steel, and its surface is sprayed with pure epoxy resin powder. The exposed fasteners are made of A2 - 70 stainless steel.
2. Components: mounting base plate, grounding sign, mounting feet, cover plate fasteners, cover plate sealing ring, hinge, handle, nameplate, guide rail. (Ex d terminal blocks, explosion - proof breather valves, and Ex d cable glands can be configured according to customer requirements. Customers can also purchase and install them by themselves.)
3. The entire unit can be optionally equipped with a certified gland plate structure: Gland holes can be custom-drilled on-site according to user specifications, ensuring ease of installation and maintenance.

产品FAB The FAB of the Product

特点 Features	工作环境温度 Working environment temperature：-55℃~+130℃，测试温度 Testing temperature：-60℃~+150℃ 隔爆箱可在IIB+氢气环境中使用 The Ex d box can be used in the IIB + hydrogen environment. 隔爆箱面板Ex元件均取认证 All Ex components on the Ex d box panel are certified. 隔爆箱壁厚20mm以上，箱体强度高，水压测试可达到2.4MPa The wall thickness of the Ex d box is over 20mm, with high strength, and it can withstand a water pressure test of up to 2.4MPa. 防护等级 IP Rating：IP66
优点 Advantage	国内外证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate. 规格种类齐全，一共有9种规格，最小规格是300x220x190mm，最大规格是860x660x415mm。 There are 9 specifications in total, ranging from the smallest 300x220x190mm (unit unspecified) to the largest 860x660x415mm (unit unspecified).
价值 Benefit	纯隔爆型安全系数更高-国内 The pure Ex d type has a higher safety factor - in the domestic market. 可接受OEM、ODM合作方式（保密性、隐蔽性更强）-国外 OEM and ODM cooperation modes are acceptable (with stronger confidentiality and concealment) - in the overseas market.

防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9140B系列 Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区
Zone 1 and Zone 2 in Explosive Gas Atmospheres;
Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 10J
使用环境温度 Ambient Temperature: -55℃≤Ta≤+60℃
材料 Material: 碳钢 Carbon Steel（Q235）

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db	CCC证书 Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db
ATEX证书 Certificate	⟨Ex⟩ Ⅱ 2 G Ex db ⅡB+H_2 T6/T5/T4 Gb ⟨Ex⟩ Ⅱ 2 D Ex tb ⅢC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex db ⅡB+H_2 T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material	图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet		接地标识 Grounding Indication	304不锈钢 Stainless Steel
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel		铰链 Hinge	304不锈钢 Stainless Steel
	盖板密封圈 Cover Plate Sealing Ring	硅胶 Silicone		安装脚 Mounting Foot	Q235
	铭牌 Nameplate	304不锈钢 Stainless Steel		拉手 Handle	铝合金 Aluminum Alloy

防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9140B系列 Series

IECEx ATEX CCC RoHS REACH

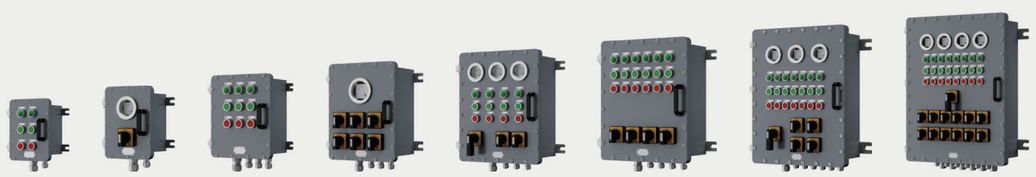
组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	防爆信号灯 Explosion-proof Signal Light	BST		操作机构A Operating Station A	BST
	防爆按钮 Explosion-proof Button			操作机构B Operating Station B	
	防爆按钮（急停） Explosion-proof E-stop Button			防爆观察窗模块 Explosion-proof Viewing Window	
	防爆带灯按钮 Explosion-proof Illuminated Button			隔爆呼吸阀 Explosion-proof Breathing Valve	
	防爆开关 Explosion-proof Switch			隔爆电缆固定头 Exd Cable Gland	

元件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	断路器 Breaker	施耐德 Schneider ABB 西门子 Siemens		接线端子 Terminal Blocks	魏德米勒 Weidmuller 菲尼克斯 Phoenix
	塑壳断路器 Molded Case Circuit Breaker	施耐德 Schneider ABB 西门子 Siemens		浪涌保护器 Surge Protector	施耐德 Schneider 天津中力 C-Power
	PLC	施耐德 Schneider ABB 西门子 Siemens		时间继电器 Time Relay	施耐德 Schneider 欧姆龙 Omron
	仪器仪表 Instrumentation	欧姆龙 Omron		漏电保护器 Leakage Protector	施耐德 Schneider

解决方案案例 Optional Ex-configuration Solutions



防爆电控盘装置
Explosion-proof Electrical Control Panel Device

BEISIT

→ BST9140B系列 Series

IECEx ATEX CCC RoHS REACH

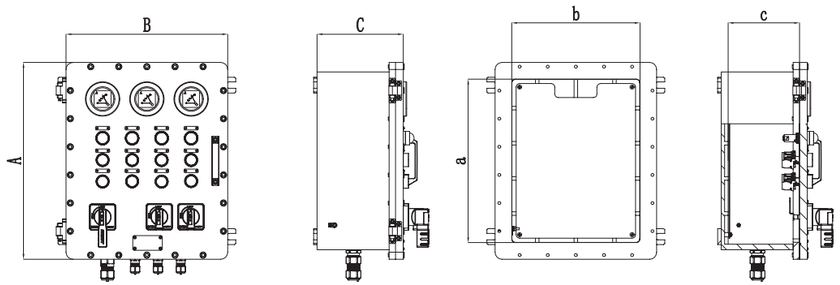
耗散功率数据 Dissipation Power Meter

序号 No.	型号 Model	最大耗散功率(W) Maximum Dissipation Power	箱体外形尺寸 Box Dimensions (mm)		
			长 long A	宽 wide B	高 high C
1	BST9140012B	55	300	200	190
2	BST9140022B	85	360	300	190
3	BST9140032B	200	460	360	245
4	BST9140042B	230	560	460	245
5	BST9140052B	300	560	460	340
6	BST9140062B	440	720	560	245
7	BST9140072B	500	720	560	340
8	BST9140082B	550	860	660	245
9	BST9140092B	650	860	660	415

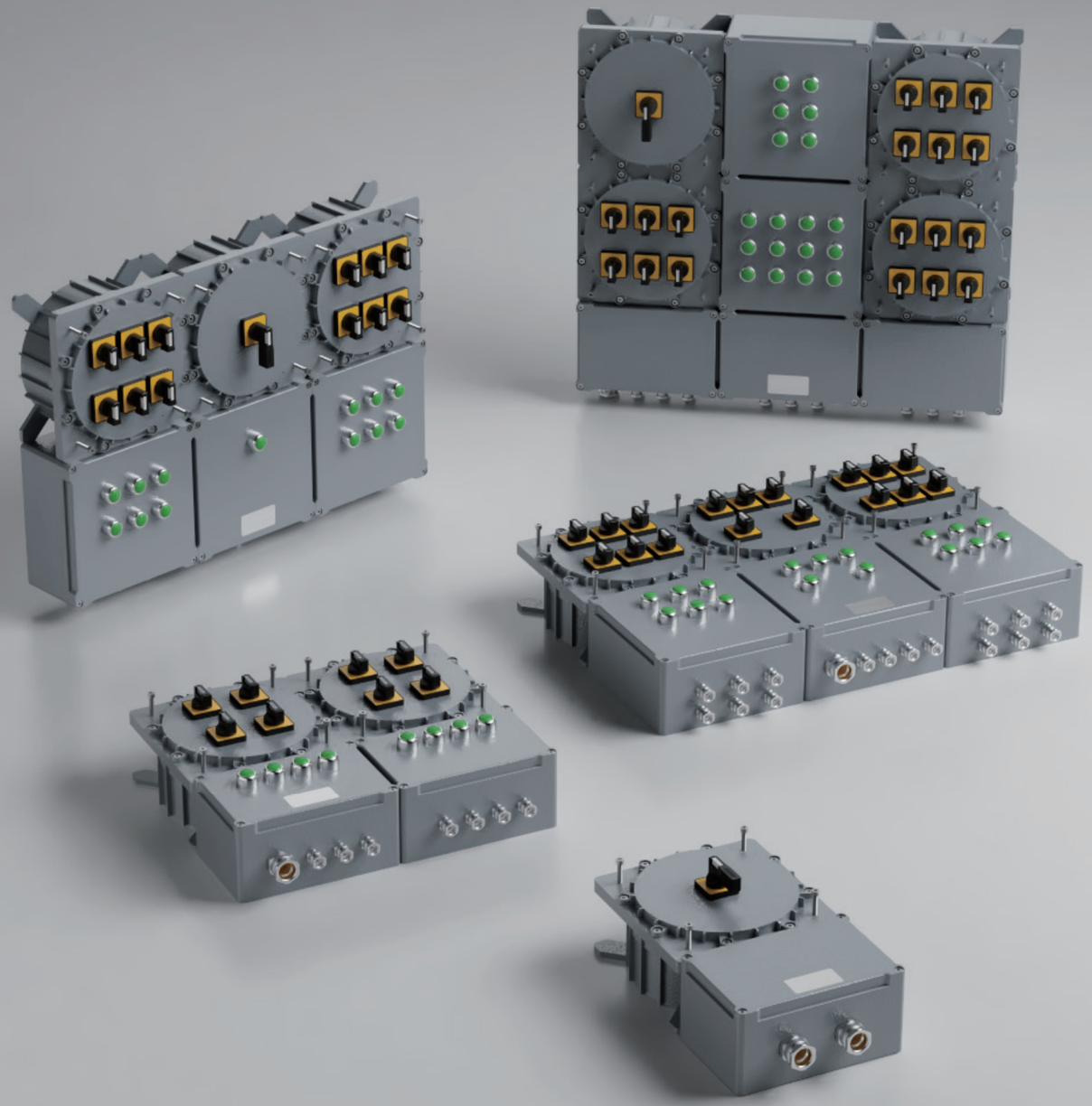
开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model										
	长 long A	宽 wide B	高 high C			M16	M20	M25	M32	M40	M50	M63	M75	M80	M90	M100
1	300	200	190	BST9140012B	F D E G	11 15	6 10	6 8	4 6	2 3	2 2	1 2	1 1	1 1	1 1	1 1
2	360	300	190	BST9140022B		15 18	8 12	8 8	6 8	3 3	2 2	2 2	1 2	1 2	1 1	1 1
3	460	360	245	BST9140032B		18 24	15 21	12 17	8 10	6 8	3 3	2 3	2 2	2 2	1 2	1 2
4	560	460	245	BST9140042B		21 27	21 24	10 14	8 12	8 10	3 4	3 3	2 3	2 3	2 2	2 2
5	560	460	340	BST9140052B	D/E F/G	35 45	34 40	20 28	12 18	11 14	6 8	5 6	4 5	2 3	2 2	2 2
6	720	560	245	BST9140062B		27 36	24 33	16 18	10 14	9 12	4 5	3 4	3 3	2 3	2 3	2 3
7	720	560	340	BST9140072B		45 60	32 44	21 35	15 21	10 12	8 10	6 8	3 4	3 4	2 3	2 3
8	860	660	245	BST9140082B		33 42	30 39	16 26	13 18	11 14	4 6	4 5	3 4	3 4	3 3	3 3
9	860	660	415	BST9140092B		55 70	40 52	31 43	20 27	10 14	8 12	7 10	3 4	3 4	3 4	3 3

外形尺寸 Outline Drawing



复合型防爆箱
Combination Explosion-proof Enclosure



复合型防爆箱选型指南
Selection Guide Combination Explosion-proof Enclosure

→ BST60系列 Series

RoHS REACH

产品系列 Product Series	 BST60 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)
密封材质 Sealing Material	硅胶 Silicone Rubber
认证类别 Certification Category	CCC 防爆合格证 Explosion-proof Certificate
防爆标志 Ex-Mark	Ex db eb ⅡC T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db
防护等级 IP Rating	IP66
温度范围 Temperature Range	-40℃～+40℃/55℃/60℃
详细页码 Page Number	P73-P74

型号含义 Model Meaning

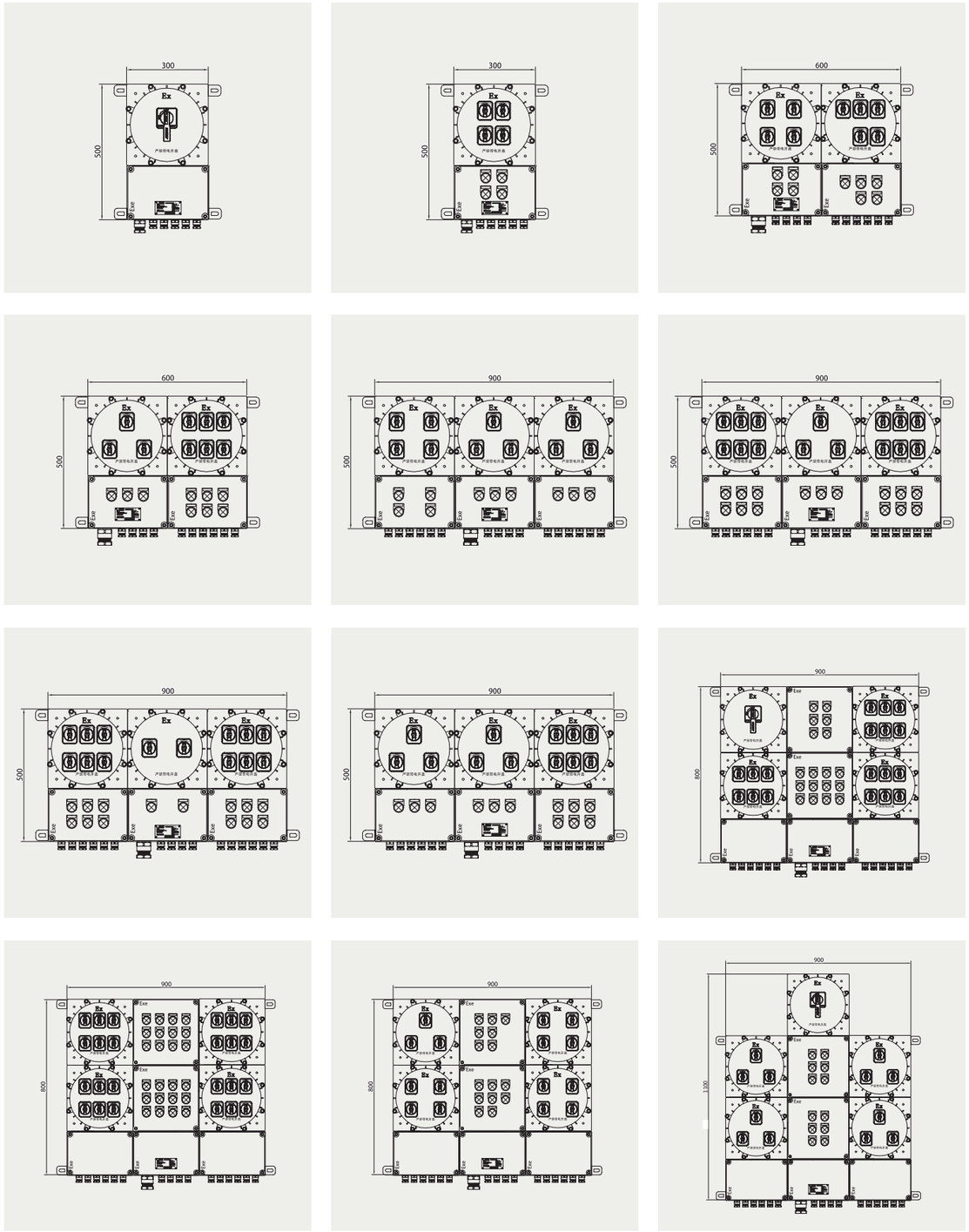
BST	□	□	□	□	□
倍仕得 BEISIT	名称 Name 60：复合型防爆箱 Combination Explosion-proof Enclosure	总开关电流(A) The Current of the Main Switch(A) ≤135A	支路最大电流(A) The Max Current of the Branch Circuit(A) ≤50A	支路数 The Number of Branch Circuits ≤24	功能类别 Function Category C：Ex db eb ⅡC

1、BST601355024C为产品型号，产品的详细BOM清单需要根据订货编号才可查询。
2、防爆电控盘装置（BST60系列）产品的订货号需与客户确定解决方案后，依我司系统自动生成唯一的订货编号。
1. BST601355024C is the product model. The detailed BOM (Bill of Materials) can only be queried based on the order code.
2. For Explosion-proof Electric Control Panel Devices (BST60 Series), the order code is automatically generated by our system as a unique identifier after finalizing the solution with the customer.

复合型防爆箱解决方案案例图
Combination Explosion-proof Enclosure Case Drawing

BST60系列 Series

RoHS REACH



复合型防爆箱
Combination Explosion-proof Enclosure

BST60系列 Series

RoHS REACH

适用范围 Application Scope:	爆炸性气体环境1区、2区；爆炸性粉尘环境21区、22区 Zone 1 and Zone 2 in Explosive Gas Atmospheres; Zone 21 and Zone 22 in Explosive Dust Atmospheres.
防护等级 IP Rating:	IP66
抗冲击性能 Impact Resistance:	7J
使用环境温度 Ambient Temperature:	-40℃≤Ta≤+40℃/55℃/60℃
额定电压 Rated Voltage:	最大 Max. AC690V
额定电流 Rated Current:	最大 Max. 135A
材料 Material:	铝合金 Aluminum Alloy ADC12

认证数据 Authentication Certificate

认证类别 Certification Category	防爆标志 Ex-Mark	认证类别 Certification Category	防爆标志 Ex-Mark
CCC证书 Certificate	Ex db eb ⅡC T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db	防爆合格证 Explosion-proof Certificate	Ex db eb ⅡC T6/T5/T4 Gb Ex tb ⅢC T80℃/T95℃/T130℃ Db

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material	图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet		接地标识 Grounding Indication	304不锈钢 Stainless Steel
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel		铭牌 Nameplate	304不锈钢 Stainless Steel

元件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	备注 Remark	图样 Pattern	名称 Item	备注 Remark
	断路器 Breaker	施耐德 Schneider ABB 西门子 Siemens		仪器仪表 Instrumentation	欧姆龙 Omron
	塑壳断路器 Molded Case Circuit Breaker	施耐德 Schneider ABB 西门子 Siemens		浪涌保护器 Surge Protector	施耐德 Schneider 天津中力 C-Power
	PLC	施耐德 Schneider ABB 西门子 Siemens		时间继电器 Time Relay	施耐德 Schneider 欧姆龙 Omron

增安型防爆电缆固定头

Explosion-Proof Exe Cable Gland

增安型防爆电缆固定头选型指南

Increased Safety Exe Cable Gland Selection-guide

→ Exeb系列 Series

IECEx ATEX RoHS REACH

产品系列 Product Series	 NCG	 MCG
材质 Material	尼龙 Nylon	黄铜镀镍 Nickel-plated Brass
结构类型 Cable Gland Type	单密封 Single Seal	单密封 Single Seal
认证类别 Certification Category	IECEx ATEX	IECEx ATEX
防爆标志 Ex-Mark	Ex eb ⅡC Gb Ex tb ⅢC Db Ⅱ 2G Ex eb ⅡC Gb Ⅱ 2D Ex tb ⅢC Db	Ex eb ⅡC Gb Ex tb ⅢC Db Ⅱ 2G Ex eb ⅡC Gb Ⅱ 2D Ex tb ⅢC Db
防护等级 IP Rating	IP66 IP68 1.5m 30min	IP66 IP68 1.5m 30min
工作温度 Operating Temperature	-20℃～+80℃	-30℃～+80℃
螺纹规格 Thread Type	M12-M63 NPT 3/8"-NPT 1 1/2" PG7～PG48	M12-M63 NPT 3/8"-NPT 1 1/2" PG7～PG48
详细页码 Page Number	P78-P80	P81-P86

型号含义 Model Meaning

□CG-	□	□	□
材质 Material N: 尼龙材质 Nylon M/A: 金属材质 Metal	螺纹规格 Thread Specification M12: M12×1.5 P07: PG 7 N12: NPT 1/2" G14: G1/4"	最大电缆外径 Maximum Cable Outer Diameter 07: 直径3mm-7mm 08: 直径4mm-8mm 10: 直径5mm-10mm 12: 直径6mm-12mm	L: 加长 Extended B: 蓝色 Blue BL: 蓝色加长 Blue Extended R: 增强 Reinforce 无字母 No letter: 表示常规 Standard

举例 For Example: NCG-M1608L

增安型防爆铠装防冷流电缆固定头选型指南
Explosion-proof Armored Anti-cold Flow Exe Cable Gland Selection-guide

→ Exeb系列 Series

IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 MCG-T	 ACG
材质 Material	黄铜Hpb59-1 不锈钢304 316 316L 碳钢Q235 Brass Hpb59-1 Stainless Steel304 316 316L Carbon Steel Q235	黄铜Hpb59-1 不锈钢304 316 316L 碳钢Q235 Brass Hpb59-1 Stainless Steel304 316 316L Carbon Steel Q235
结构类型 Cable Gland Type	单密封 Single Seal	铠装单密封 Single Seal with Armored
认证类别 Certification Category	CCC 防爆合格证 Explosion-proof Certificate	CCC 防爆合格证 Explosion-proof Certificate
防爆标志 Ex-Mark	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db
防护等级 IP Rating	IP66 IP68 1.5m 30min	IP66 IP68 1.5m 30min
工作温度 Operating Temperature	-40℃～+120℃	-40℃～+120℃
螺纹规格 Thread Type	M16-M63 NPT 1/4"-NPT 2" PG7～PG48 G 1/4"-G 2"	M16-M63 NPT 1/4"-NPT 2" PG7～PG48 G 1/4"-G 2"
详细页码 Page Number	P87-P89	P90-P92

防爆电缆固定头（常规型）
Explosion-proof Exe Cable Gland (Normal Type)

→ NCG系列 Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating : IP66/68(1.5m/30min)
工作温度 Operating Temperature: -20℃～+80℃
环境温度 Temperature Range: -20℃～+80℃
材质 Material: 尼龙 Nylon
防水圈 Seal: 硅橡胶 Silicone Rubber
O型圈 Gasket: 硅橡胶 Silicone Rubber

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db	CCC证书 Certificate	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db
ATEX证书 Certificate	⟨Ex⟩ Ⅱ 2G Ex eb Ⅱ C Gb ⟨Ex⟩ Ⅱ 2D Ex tb Ⅲ C Db	防爆合格证 Explosion-proof Certificate	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、NPT 3/8"-NPT 1 1/2"、PG7-PG48
材质 Material	尼龙 Nylon
阻燃等级 Flame Retardant Grade	V2(UL94)
颜色 Color	黑色、蓝色 Black, Blue
结构 Structure	常规型、加长型 Regular Type, Extended Type

产品FAB The FAB of the Product

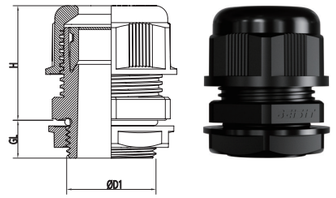
特点 Feature	支持不同电缆直径和类型,兼容性强 It supports different cable diameters and types, showing strong compatibility. 工作环境温度 Working Environment Temperature：-20℃～+80℃，测试温度 Testing Temperature：-25℃～+100℃ 防护等级 IP Rating：IP66/68
优点 Advantage	证书齐全：IECEx、ATEX、CCC、防爆合格证。 Complete Certificates: IECEx, ATEX, CCC, explosion-proof certificate.
价值 Benefit	多种颜色可选(黑色、蓝色、灰色、白色)，颜色区分线缆用途，降低接线错误率 Multiple colors are available (black, blue, gray, white). Different colors can distinguish the uses of cables, reducing the wiring error rate. 轻量化设计，降低成本 Lightweight design to reduce costs.

防爆电缆固定头（常规型）
Explosion-proof Exe Cable Gland (Normal Type)

BEISIT

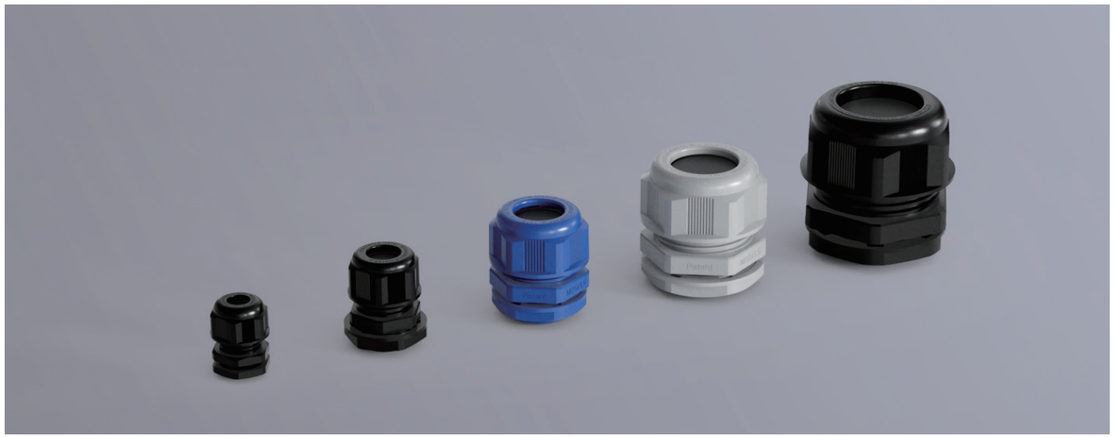
→ NCG系列 Series

IECEx ATEX CE RoHS REACH



订货数据 Ordering Data

规格 Specs ØD1	mm	H mm	GL mm	mm	订货号 Order no RAL7035	订货号 Order no RAL9005
NCG-M12 x 1.5	3-6.5	21	8	15	Ex-M1207	Ex-M1207B
NCG-M16 x 1.5	6-8	22	8	19	Ex-M1608	Ex-M1608B
NCG-M16 x 1.5	5-10	25	8	22	Ex-M1610	Ex-M1610B
NCG-M20 x 1.5	6-12	27	9	24	Ex-M2012	Ex-M2012B
NCG-M20 x 1.5	10-14	28	9	27	Ex-M2014	Ex-M2014B
NCG-M25 x 1.5	13-18	31	11	33	Ex-M2518	Ex-M2518B
NCG-M32 x 1.5	18-25	37	11	42	Ex-M3225	Ex-M3225B
NCG-M40 x 1.5	22-32	48	13	53	Ex-M4032	Ex-M4032B
NCG-M50 x 1.5	32-38	49	13	60	Ex-M5038	Ex-M5038B
NCG-M63 x 1.5	37-44	49	14	65/68	Ex-M6344	Ex-M6344B
NCG-PG 7	3-6.5	21	8	15	Ex-P0707	Ex-P0707B
NCG-PG 9	6-8	22	8	19	Ex-P0908	Ex-P0908B
NCG-PG 11	5-10	25	8	22	Ex-P1110	Ex-P1110B
NCG-PG 13.5	6-12	27	9	24	Ex-P13512	Ex-P13512B
NCG-PG 16	10-14	28	10	27	Ex-P1614	Ex-P1614B
NCG-PG 21	13-18	31	11	33	Ex-P2118	Ex-P2118B
NCG-PG 29	18-25	37	11	42	Ex-P2925	Ex-P2925B
NCG-PG 36	22-32	48	13	53	Ex-P3632	Ex-P3632B
NCG-PG 42	32-38	49	13	60	Ex-P4238	Ex-P4238B
NCG-PG 48	37-44	49	14	65	Ex-P4844	Ex-P4844B
NCG-NPT 3/8"	6-8	22	15	22	Ex-N3808	Ex-N3808B
NCG-NPT 1/2"	6-12	27	13	24	Ex-N12612	Ex-N12612B
NCG-NPT 1/2"	10-14	28	13	27	Ex-N1214	Ex-N1214B
NCG-NPT 3/4"	13-18	31	14	33	Ex-N3418	Ex-N3418B
NCG-NPT 1"	18-25	37	19	42	Ex-N10025	Ex-N10025B
NCG-NPT 1 1/4"	18-25	39	16	42/46	Ex-N11425	Ex-N11425B
NCG-NPT 1 1/2"	22-32	48	20	53	Ex-N11232	Ex-N11232B

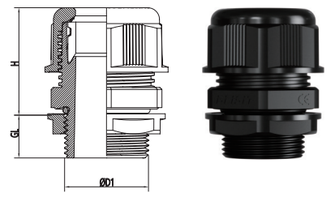


防爆电缆固定头（加长型）
Explosion-proof Exe Cable Gland (Extended Type)

BEISIT

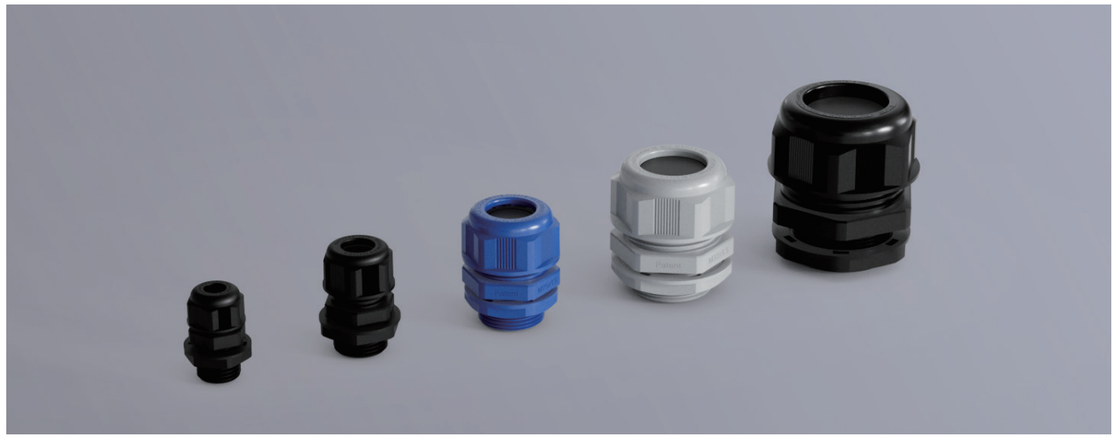
→ NCG系列 Series

IECEx ATEX CE RoHS REACH



订货数据 Ordering Data

规格 Specs ØD1	mm	H mm	GL mm	mm	订货号 Order no RAL7035	订货号 Order no RAL9005
NCG-M12 x 1.5	3-6.5	21	15	15	Ex-M1207L	Ex-M1207BL
NCG-M16 x 1.5	6-8	22	15	19	Ex-M1608L	Ex-M1608BL
NCG-M16 x 1.5	5-10	25	15	22	Ex-M1610L	Ex-M1610BL
NCG-M20 x 1.5	6-12	27	15	24	Ex-M2012L	Ex-M2012BL
NCG-M20 x 1.5	10-14	28	15	27	Ex-M2014L	Ex-M2014BL
NCG-M25 x 1.5	13-18	31	15	33	Ex-M2518L	Ex-M2518BL
NCG-M32 x 1.5	18-25	37	15	42	Ex-M3225L	Ex-M3225BL
NCG-M40 x 1.5	22-32	48	18	53	Ex-M4032L	Ex-M4032BL
NCG-M50 x 1.5	32-38	49	18	60	Ex-M5038L	Ex-M5038BL
NCG-M63 x 1.5	37-44	49	18	65/68	Ex-M6344L	Ex-M6344BL
NCG-PG 7	3-6.5	21	15	15	Ex-P0707L	Ex-P0707BL
NCG-PG 9	6-8	22	15	19	Ex-P0908L	Ex-P0908BL
NCG-PG 11	5-10	25	15	22	Ex-P1110L	Ex-P1110BL
NCG-PG 13.5	6-12	27	15	24	Ex-P13512L	Ex-P13512BL
NCG-PG 16	10-14	28	15	27	Ex-P1614L	Ex-P1614BL
NCG-PG 21	13-18	31	15	33	Ex-P2118L	Ex-P2118BL
NCG-PG 29	18-25	37	18	42	Ex-P2925L	Ex-P2925BL
NCG-PG 36	22-32	48	18	53	Ex-P3632L	Ex-P3632BL
NCG-PG 42	32-38	49	18	60	Ex-P4238L	Ex-P4238BL
NCG-PG 48	37-44	49	18	65	Ex-P4844L	Ex-P4844BL



防爆电缆固定头（常规型）
Explosion-proof Exe Cable Gland (Normal Type)

→ MCG系列 Series

IEC Ex ATEX CCC RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22

防护等级 IP Rating: IP66/68(1.5m/30min)

工作温度 Operating Temperature: -30℃~+80℃

环境温度 Temperature Range: -30℃~+80℃

材质 Material: 黄铜镀镍 Nlickel-Plated Brass

防水圈 Seal: 硅橡胶 Silicone Rubber

O型圈 Gasket: 硅橡胶 Silicone Rubber

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb Ⅱ C Gb Ex tb ⅢC Db	CCC证书 Certificate	Ex eb Ⅱ C Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⓔ Ⅱ 2G Ex eb Ⅱ C Gb Ⓔ Ⅱ 2D Ex tb ⅢC Db	防爆合格证 Explosion-proof Certificate	Ex eb Ⅱ C Gb Ex tb ⅢC Db

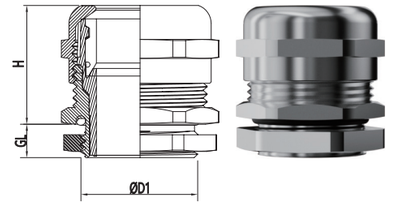
技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、NPT 3/8"-NPT 1 1/2"、PG7-PG48
材质 Material	黄铜镀镍 Nickel-plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)
结构 Structure	常规型、加长型、加强型、加长加强型（304、316、316L） Standard Type, Extended Type, Reinforced Type, Extended and Reinforced Type (304, 316, 316L)

产品FAB The FAB of the Product

特点 Feature	支持不同电缆直径和类型,兼容性强 It supports different cable diameters and types, showing strong compatibility. 工作环境温度 Working Environment Temperature：-30℃~+80℃，测试温度 Testing Temperature：-35℃~+100℃ 防护等级 IP Rating ：IP66/68
优点 Advantage	证书齐全：IECEx、ATEX、CCC、防爆合格证。 Complete Certificates: IECEx, ATEX, CCC, explosion-proof certificate.
价值 Benefit	表面电镀处理，可达240h盐雾测试 The surface is treated by electroplating, and it can pass the 240-hour salt spray test.

防爆电缆固定头（常规型）
Explosion-proof Exe Cable Gland (Normal Type)
→ MCG系列 Series



订货数据 Ordering Data

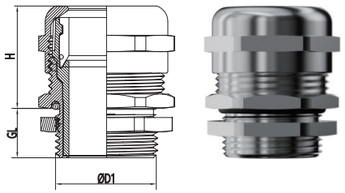
规格 Specs ØD1	mm	H mm	GL mm	mm	订货号 Order no
MCG-M12 x 1.5	3-6.5	19	6.5	14	Ex-M1207BR
MCG-M16 x 1.5	4-8	21	6	17/19	Ex-M1608BR
MCG-M16 x 1.5	5-10	22	6	20	Ex-M1610BR
MCG-M20 x 1.5	6-12	23	6	22	Ex-M2012BR
MCG-M20 x 1.5	10-14	24	6	24	Ex-M2014BR
MCG-M25 x 1.5	13-18	25	7	30	Ex-M2518BR
MCG-M32 x 1.5	18-25	31	8	40	Ex-M3225BR
MCG-M40 x 1.5	22-32	37	8	50	Ex-M4032BR
MCG-M50 x 1.5	32-38	37	9	57	Ex-M5038BR
MCG-M63 x 1.5	37-44	38	10	64/68	Ex-M6344BR
MCG-PG 7	3-6.5	19	5	14	Ex-P0707BR
MCG-PG 9	4-8	21	6	17	Ex-P0908BR
MCG-PG 11	5-10	22	6	20	Ex-P1110BR
MCG-PG 13.5	6-12	23	6.5	22	Ex-P13512BR
MCG-PG 16	10-14	24	6.5	24	Ex-P1614BR
MCG-PG 21	13-18	25	7	30	Ex-P2118BR
MCG-PG 29	18-25	31	8	40	Ex-P2925BR
MCG-PG 36	22-32	37	8	50	Ex-P3632BR
MCG-PG 42	32-38	37	9	57	Ex-P4238BR
MCG-PG 48	37-44	38	10	64	Ex-P4844BR
MCG-NPT 3/8"	4-8	21	15	17/19	Ex-N3808BR
MCG-NPT 1/2"	6-12	23	13	22	Ex-N12612BR
MCG-NPT 1/2"	10-14	24	13	24	Ex-N1214BR
MCG-NPT 3/4"	13-18	25	13	30	Ex-N3418BR
MCG-NPT 1"	18-25	31	15	40	Ex-N10025BR
MCG-NPT 1 1/4"	18-25	31	17	44	Ex-N11425BR
MCG-NPT 1 1/2"	22-32	37	20	50	Ex-N11232BR

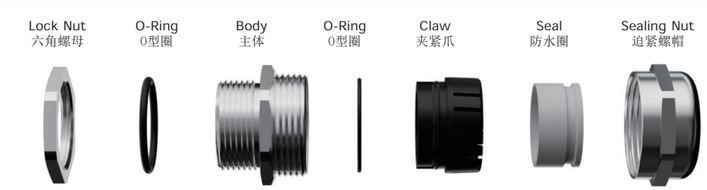
防爆电缆固定头（加长型）
Explosion-proof Exe Cable Gland (Extended Type)

BEISIT

→ MCG系列 Series

IECEx CCC ATEX RoHS REACH





订货数据 Ordering Data

规格 Specs ØD1	mm	H mm	GL mm	mm	订货号 Order no
MCG-M12 x 1.5	3-6.5	19	10	14	Ex-M1207BRL
MCG-M16 x 1.5	4-8	21	10	17/19	Ex-M1608BRL
MCG-M16 x 1.5	5-10	22	10	20	Ex-M1610BRL
MCG-M20 x 1.5	6-12	23	10	22	Ex-M2012BRL
MCG-M20 x 1.5	10-14	24	10	24	Ex-M2014BRL
MCG-M25 x 1.5	13-18	25	12	30	Ex-M2518BRL
MCG-M32 x 1.5	18-25	31	12	40	Ex-M3225BRL
MCG-M40 x 1.5	22-32	37	15	50	Ex-M4032BRL
MCG-M50 x 1.5	32-38	37	15	57	Ex-M5038BRL
MCG-M63 x 1.5	37-44	38	15	64/68	Ex-M6344BRL
MCG-PG 7	3-6.5	19	10	14	Ex-P0707BRL
MCG-PG 9	4-8	21	10	17	Ex-P0908BRL
MCG-PG 11	5-10	22	10	20	Ex-P1110BRL
MCG-PG 13.5	6-12	23	10	22	Ex-P13512BRL
MCG-PG 16	10-14	24	10	24	Ex-P1614BRL
MCG-PG 21	13-18	25	12	30	Ex-P2118BRL
MCG-PG 29	18-25	31	12	40	Ex-P2925BRL
MCG-PG 36	22-32	37	15	50	Ex-P3632BRL
MCG-PG 42	32-38	37	15	57	Ex-P4238BRL
MCG-PG 48	37-44	38	15	64	Ex-P4844BRL

防爆电缆固定头（加强型）
Explosion-proof Exe Cable Gland (Reinforced Type)

BEISIT

→ MCG系列 Series

IECEx CCC ATEX RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-30℃~+80℃
环境温度 Temperature Range:	-30℃~+80℃
材质 Material:	黄铜镀镍 Nlickel-Plated Brass
防水圈 Seal:	硅橡胶 Silicone Rubber
O型圈 Gasket:	硅橡胶 Silicone Rubber

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb ⅡC Gb Ex tb ⅢC Db	CCC证书 Certificate	Ex eb ⅡC Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⓔ Ⅱ 2G Ex eb ⅡC Gb Ⓔ Ⅱ 2D Ex tb ⅢC Db	防爆合格证 Explosion-proof Certificate	Ex eb ⅡC Gb Ex tb ⅢC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、NPT 3/8"-NPT 1 1/2"、PG7-PG48
材质 Material	黄铜镀镍 Nickel-plated brass
阻燃等级 Flame Retardant Grade	V2(UL94)
结构 Structure	常规型、加长型、加强型、加长加强型（304、316、316L） Standard Type, Extended Type, Reinforced Type, Extended and Reinforced Type (304, 316, 316L)

产品FAB The FAB of the Product

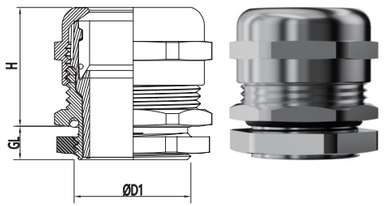
特点 Feature	支持不同电缆直径和类型,兼容性强 It supports different cable diameters and types, showing strong compatibility. 工作环境温度 Working Environment Temperature：-30℃~+80℃，测试温度 Testing Temperature：-35℃~+100℃ 防护等级 IP Rating：IP66/68
优点 Advantage	证书齐全：IECEx、ATEX、CCC、防爆合格证。 It has a full range of domestic and foreign certificates, such as IECEx, ATEX, CCC and Explosion-proof Certificate.
价值 Benefit	表面电镀处理，可达240h盐雾测试 The surface is treated by electroplating, and it can pass the 240-hour salt spray test.

防爆电缆固定头（加强型）
Explosion-proof Exe Cable Gland (Reinforced Type)

BEISIT

→ MCG系列 Series

IECEx ATEX RoHS REACH



订货数据 Ordering Data

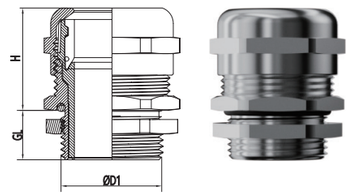
规格 Specs ØD1	mm	H mm	GL mm	mm	订货号 Order no
MCG-M12 x 1.5	3-6.5	19	6.5	14	Ex-M1207BR-R
MCG-M16 x 1.5	4-8	21	6	17/19	Ex-M1608BR-R
MCG-M16 x 1.5	5-10	22	6	20	Ex-M1610BR-R
MCG-M20 x 1.5	6-12	23	6	22	Ex-M2012BR-R
MCG-M20 x 1.5	10-14	24	6	24	Ex-M2014BR-R
MCG-M25 x 1.5	13-18	25	7	30	Ex-M2518BR-R
MCG-M32 x 1.5	18-25	31	8	40	Ex-M3225BR-R
MCG-M40 x 1.5	22-32	37	8	50	Ex-M4032BR-R
MCG-M50 x 1.5	32-38	37	9	57	Ex-M5038BR-R
MCG-M63 x 1.5	37-44	38	10	64/68	Ex-M6344BR-R
MCG-PG 7	3-6.5	19	5	14	Ex-P0707BR-R
MCG-PG 9	4-8	21	6	17	Ex-P0908BR-R
MCG-PG 11	5-10	22	6	20	Ex-P1110BR-R
MCG-PG 13.5	6-12	23	6.5	22	Ex-P13512BR-R
MCG-PG 16	10-14	24	6.5	24	Ex-P1614BR-R
MCG-PG 21	13-18	25	7	30	Ex-P2118BR-R
MCG-PG 29	18-25	31	8	40	Ex-P2925BR-R
MCG-PG 36	22-32	37	8	50	Ex-P3632BR-R
MCG-PG 42	32-38	37	9	57	Ex-P4238BR-R
MCG-PG 48	37-44	38	10	64	Ex-P4844BR-R
MCG-NPT 3/8"	4-8	21	15	17/19	Ex-N3808BR-R
MCG-NPT 1/2"	6-12	23	13	22	Ex-N12612BR-R
MCG-NPT 1/2"	10-14	24	13	24	Ex-N1214BR-R
MCG-NPT 3/4"	13-18	25	13	30	Ex-N3418BR-R
MCG-NPT 1"	18-25	31	15	40	Ex-N10025BR-R
MCG-NPT 1 1/4"	18-25	31	17	44	Ex-N11425BR-R
MCG-NPT 1 1/2"	22-32	37	20	50	Ex-N11232BR-R

防爆电缆固定头（加长加强型）
Explosion-proof Exe Cable Gland (Extended and Reinforced Type)

BEISIT

→ MCG系列 Series

IECEx ATEX RoHS REACH



订货数据 Ordering Data

规格 Specs ØD1	mm	H mm	GL mm	mm	订货号 Order no
MCG-M12 x 1.5	3-6.5	19	10	14	Ex-M1207BRL-R
MCG-M16 x 1.5	4-8	21	10	17/19	Ex-M1608BRL-R
MCG-M16 x 1.5	5-10	22	10	20	Ex-M1610BRL-R
MCG-M20 x 1.5	6-12	23	10	22	Ex-M2012BRL-R
MCG-M20 x 1.5	10-14	24	10	24	Ex-M2014BRL-R
MCG-M25 x 1.5	13-18	25	12	30	Ex-M2518BRL-R
MCG-M32 x 1.5	18-25	31	12	40	Ex-M3225BRL-R
MCG-M40 x 1.5	22-32	37	15	50	Ex-M4032BRL-R
MCG-M50 x 1.5	32-38	37	15	57	Ex-M5038BRL-R
MCG-M63 x 1.5	37-44	38	15	64/68	Ex-M6344BRL-R
MCG-PG 7	3-6.5	19	10	14	Ex-P0707BRL-R
MCG-PG 9	4-8	21	10	17	Ex-P0908BRL-R
MCG-PG 11	5-10	22	10	20	Ex-P1110BRL-R
MCG-PG 13.5	6-12	23	10	22	Ex-P13512BRL-R
MCG-PG 16	10-14	24	10	24	Ex-P1614BRL-R
MCG-PG 21	13-18	25	12	30	Ex-P2118BRL-R
MCG-PG 29	18-25	31	12	40	Ex-P2925BRL-R
MCG-PG 36	22-32	37	15	50	Ex-P3632BRL-R
MCG-PG 42	32-38	37	15	57	Ex-P4238BRL-R
MCG-PG 48	37-44	38	15	64	Ex-P4844BRL-R

防爆电缆固定头（特殊型）
Explosion-proof Exe Cable Gland (Special Type)

→ MCG-T系列 Series

RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-40℃~120℃
环境温度 Temperature Range:	-40℃~55℃
材质 Material:	黄铜镀镍/不锈钢304、316、316L、/碳钢Q235
防水圈 Seal:	硅橡胶 Silicone Rubber
垫片 Gasket:	硅橡胶 Silicone Rubber、PTFE
O型圈 Gasket:	硅橡胶 Silicone Rubber

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、PG7-PG48、NPT1/4"-NPT2"、G1/4"-G2"
材质 Material	黄铜镀镍/不锈钢304、316、316L、/碳钢Q235

产品FAB The FAB of the Product

特点 Feature	支持不同电缆直径和类型,兼容性强 It supports different cable diameters and types, showing strong compatibility. 工作环境温度 Working Environment Temperature：-40℃~+120℃，测试温度 Testing Temperature：-45℃~+140℃ 防护等级 IP Rating ：IP66/68
优点 Advantage	证书齐全：CCC、防爆合格证。 Complete Certificates: CCC, explosion-proof certificate. 材质可选黄铜镀镍/不锈钢304、316、316L、碳钢Q235 The materials can be selected from nickel-plated brass/stainless steel 304, 316, 316L, and carbon steel Q235.
价值 Benefit	表面电镀处理，可达240h盐雾测试 The surface is treated by electroplating, and it can pass the 240-hour salt spray test.

防爆电缆固定头（特殊型）
Explosion-proof Exe Cable Gland (Special Type)
→ MCG-T系列 Series
RoHS REACH

订货数据 Ordering Data

规格 Specs ØD1	Model	mm	H mm	GL mm	mm	订货号 Order no
M16 x 1.5	MCG-M16 x 1.5-T	2-6	21	10	20	Ex-M1606BR-R
M16 x 1.5	MCG-M16 x 1.5-T	4-8	21	10	20	Ex-M1608BR-R
M20 x 1.5	MCG-M20 x 1.5-S	5-9	23	10	24	Ex-M2009BR-R
M20 x 1.5	MCG-M20 x 1.5-S	6-12	23	10	24	Ex-M2012BR-R
M20 x 1.5	MCG-M20 x 1.5-T	6-14	24	15	24	Ex-M2014BR-R
M12 x 1.5	MCG-M12 x 1.5	3-6.5	19	10	14	Ex-M1207BR-R
M16 x 1.5	MCG-M16 x 1.5	2-6	21	10	17	Ex-M1606BR-R
M16 x 1.5	MCG-M16 x 1.5	4-8	21	10	17	Ex-M1608BR-R
M16 x 1.5	MCG-M16 x 1.5	5-10	22	10	20	Ex-M1610BR-R
M20 x 1.5	MCG-M20 x 1.5	5-9	23	10	22	Ex-M2009BR-R
M20 x 1.5	MCG-M20 x 1.5	6-12	23	10	22	Ex-M2012BR-R
M20 x 1.5	MCG-M20 x 1.5	10-14	24	10	24	Ex-M2014BR-R
M25 x 1.5	MCG-M25 x 1.5	9-16	25	12	30	Ex-M2516BR-R
M25 x 1.5	MCG-M25 x 1.5	13-18	25	12	30	Ex-M2518BR-R
M32 x 1.5	MCG-M32 x 1.5	13-20	31	12	40	Ex-M3220BR-R
M32 x 1.5	MCG-M32 x 1.5	18-25	31	12	40	Ex-M3225BR-R
M40 x 1.5	MCG-M40 x 1.5	20-26	37	15	50	Ex-M4026BR-R
M40 x 1.5	MCG-M40 x 1.5	22-32	37	15	50	Ex-M4032BR-R
M50 x 1.5	MCG-M50 x 1.5	25-31	37	15	57	Ex-M5031BR-R
M50 x 1.5	MCG-M50 x 1.5	32-38	37	15	57	Ex-M5038BR-R
M63 x 1.5	MCG-M63 x 1.5	29-35	38	15	64	Ex-M6335BR-R
M63 x 1.5	MCG-M63 x 1.5	37-44	38	15	64	Ex-M6344BR-R
PG 7	MCG-PG 7	3-6.5	19	10	14	Ex-P0707BR-R
PG 9	MCG-PG 9	2-6	21	10	17	Ex-P0906BR-R
PG 9	MCG-PG 9	4-8	21	10	17	Ex-P0908BR-R
PG 11	MCG-PG 11	3-7	22	10	20	Ex-P1107BR-R
PG 11	MCG-PG 11	5-10	22	10	20	Ex-P1110BR-R
PG 13.5	MCG-PG 13.5	5-9	23	10	22	Ex-P13509BR-R
PG 13.5	MCG-PG 13.5	6-12	23	10	22	Ex-P13512BR-R
PG 16	MCG-PG 16	10-14	24	10	24	Ex-P1614BR-R
PG 21	MCG-PG 21	9-16	25	12	30	Ex-P2116BR-R
PG 21	MCG-PG 21	13-18	25	12	30	Ex-P2118BR-R
PG 29	MCG-PG 29	13-20	31	12	40	Ex-P2920BR-R
PG 29	MCG-PG 29	18-25	31	12	40	Ex-P2925BR-R
PG 36	MCG-PG 36	20-26	37	15	50	Ex-P3626BR-R
PG 36	MCG-PG 36	22-32	37	15	50	Ex-P3632BR-R
PG 42	MCG-PG 42	25-31	37	15	57	Ex-P4231BR-R
PG 42	MCG-PG 42	32-38	37	15	57	Ex-P4238BR-R
PG 48	MCG-PG 48	29-35	38	15	64	Ex-P4835BR-R
PG 48	MCG-PG 48	37-44	38	15	64	Ex-P4844BR-R

防爆电缆固定头（特殊型）
Explosion-proof Exe Cable Gland (Special Type)

→ MCG-T系列 Series

RoHS REACH

订货数据 Ordering Data

规格 Specs ØD1	Model	钳口 mm	H mm	GL mm	螺纹 mm	订货号 Order no
NPT 1/4"	MCG-NPT 1/4"	3-6.5	19	13	14	Ex-N1407BR-R
NPT 3/8"	MCG-NPT 3/8"	2-6	21	15	17	Ex-N3806BR-R
NPT 3/8"	MCG-NPT 3/8"	4-8	21	15	17	Ex-N3808BR-R
NPT 3/8"	MCG-NPT 3/8"	3-7	21	15	20	Ex-N3807BR-R
NPT 3/8"	MCG-NPT 3/8"	5-10	21	15	20	Ex-N3810BR-R
NPT 1/2"	MCG-NPT 1/2"	5-9	22	13	22	Ex-N1209BR-R
NPT 1/2"	MCG-NPT 1/2"	6-12	22	13	22	Ex-N1212BR-R
NPT 1/2"	MCG-NPT 1/2"	10-14	23	13	24	Ex-N1214BR-R
NPT 3/4"	MCG-NPT 3/4"	9-16	24	13	30	Ex-N3416BR-R
NPT 3/4"	MCG-NPT 3/4"	13-18	24	13	30	Ex-N3418BR-R
NPT 1"	MCG-NPT 1"	13-20	25	15	40	Ex-N10020BR-R
NPT 1"	MCG-NPT 1"	18-25	25	15	40	Ex-N10025BR-R
NPT 1 1/4"	MCG-NPT 1 1/4"	18-25	31	17	40	Ex-N11425BR-R
NPT 1 1/4"	MCG-NPT 1 1/4"	13-30	31	17	40	Ex-N11430BR-R
NPT 1 1/2"	MCG-NPT 1 1/2"	20-26	37	20	50	Ex-N11226BR-R
NPT 1 1/2"	MCG-NPT 1 1/2"	22-32	37	20	50	Ex-N11232BR-R
NPT 2"	MCG-NPT 2"	29-35	37	20	64	Ex-N20035BR-R
NPT 2"	MCG-NPT 2"	37-44	37	20	64	Ex-N20044BR-R
G 1/4"	MCG-G 1/4"	3-6.5	19	13	14	Ex-G1407BR-R
G 3/8"	MCG-G 3/8"	2-6	21	15	17	Ex-G3806BR-R
G 3/8"	MCG-G 3/8"	4-8	21	15	17	Ex-G3808BR-R
G 3/8"	MCG-G 3/8"	3-7	21	15	20	Ex-G3807BR-R
G 3/8"	MCG-G 3/8"	5-10	21	15	20	Ex-G3810BR-R
G 1/2"	MCG-G 1/2"	5-9	22	13	22	Ex-G1209BR-R
G 1/2"	MCG-G 1/2"	6-12	22	13	22	Ex-G1212BR-R
G 1/2"	MCG-G 1/2"	10-14	23	13	24	Ex-G1214BR-R
G 3/4"	MCG-G 3/4"	9-16	24	13	30	Ex-G3416BR-R
G 3/4"	MCG-G 3/4"	13-18	24	13	30	Ex-G3418BR-R
G 1"	MCG-G 1"	13-20	25	15	40	Ex-G10020BR-R
G 1"	MCG-G 1"	18-25	25	15	40	Ex-G10025BR-R
G 1 1/4"	MCG-G 1 1/4"	18-25	31	17	40	Ex-G11425BR-R
G 1 1/4"	MCG-G 1 1/4"	13-30	31	17	40	Ex-G11430BR-R
G 1 1/2"	MCG-G 1 1/2"	20-26	37	20	50	Ex-G11226BR-R
G 1 1/2"	MCG-G 1 1/2"	22-32	37	20	50	Ex-G11232BR-R
G 2"	MCG-G 2"	29-35	37	20	64	Ex-G20035BR-R
G 2"	MCG-G 2"	37-44	37	20	64	Ex-G20044BR-R

防爆铠装防冷流电缆固定头
Explosion-proof Armored Anti-cold Flow Cable Gland

→ ACG系列 Series

RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-40℃~120℃
材质 Material:	黄铜镀镍/不锈钢304、316、316L、/碳钢Q235
防水圈 Seal:	硅橡胶 Silicone Rubber
垫片 Gasket:	硅橡胶 Silicone Rubber、PTFE
O型圈 Gasket:	硅橡胶 Silicone Rubber

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、PG7-PG48、NPT1/4"-NPT2"、G1/4"-G2"
材质 Material	黄铜镀镍/不锈钢 Nickel-plated Brass / Stainless Steel 304、316、316L、/碳钢 Carbon Steel Q235
结构 Structure	铠装结构设计 Armor Structure Design

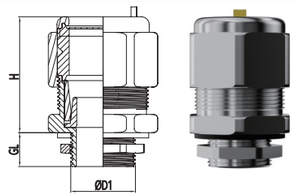
产品FAB The FAB of the Product

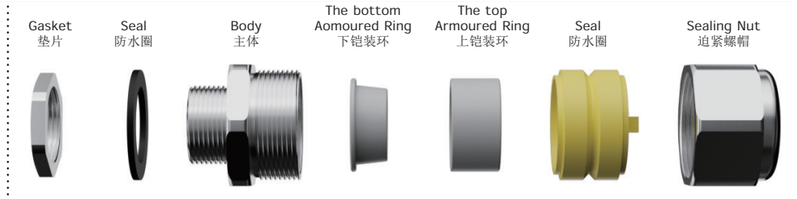
特点 Feature	支持不同电缆直径和类型,兼容性强 It supports different cable diameters and types, showing strong compatibility. 工作环境温度 Working Environment Temperature：-40℃~+120℃，测试温度 Testing Temperature：-45℃~+140℃ 防护等级 IP Rating ： IP66/68
优点 Advantage	证书齐全：CCC、防爆合格证。 IComplete Certificates: CCC, explosion-proof Certificate. 铠装结构设计 Armored structure design
价值 Benefit	产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has the function of preventing cold flow.

防爆铠装防冷流电缆固定头
Explosion-proof Armored Anti-cold Flow Cable Gland

→ ACG系列 Series

RoHS REACH





订货数据 Ordering Data

规格 Specs ØD1	Dia.Of Outer Sheath mm	Dia.Of Inner Sheath mm	H mm	GL mm	mm	订货号 Order no
M16 x 1.5	6-13	3-8	35	13	27	Ex-ACG-M1613BR
M20 x 1.5	6-13	3-8	35	13	27	Ex-ACG-M2013BR
M20 x 1.5	9.5-16	7.5-12	35	13	27	Ex-ACG-M2016BR
M20 x 1.5	12.5-21	8.7-14	35	13	30	Ex-ACG-M2021BR
M25 x 1.5	9.5-16	7.5-12	35	13	27	Ex-ACG-M2516BR
M25 x 1.5	12.5-21	8.7-14	35	13	30	Ex-ACG-M2521BR
M25 x 1.5	18-26	13-20	45	13	38	Ex-ACG-M2526BR
M32 x 1.5	12.5-21	8.7-14	36	15	30	Ex-ACG-M3221BR
M32 x 1.5	18-26	13-20	45	15	38	Ex-ACG-M3226BR
M32 x 1.5	23-34	19-26.5	48	15	46	Ex-ACG-M3234BR
M40 x 1.5	18-26	13-20	45	15	38	Ex-ACG-M4026BR
M40 x 1.5	23-34	19-26.5	48	15	46	Ex-ACG-M4034BR
M40 x 1.5	28-41	25-32.5	54	15	55	Ex-ACG-M4041BR
M50 x 1.5	23-34	19-26.5	48	15	46	Ex-ACG-M5034BR
M50 x 1.5	28-41	25-32.5	54	15	55	Ex-ACG-M5041BR
M50 x 1.5	35.2-47	31-38	53	15	65	Ex-ACG-M5047BR
M50 x 1.5	43-53	36-44	53	15	65	Ex-ACG-M5053BR
M63 x 1.5	28-41	25-32.5	54	15	55	Ex-ACG-M6341BR
M63 x 1.5	35.2-47	31-38	53	15	65	Ex-ACG-M6347BR
M63 x 1.5	43-53	36-44	53	15	65	Ex-ACG-M6353BR
M63 x 1.5	45.6-59.4	41.5-50	58	15	80	Ex-ACG-M6359BR
M63 x 1.5	54.6-66	48-55	58	15	80	Ex-ACG-M6366BR
PG 9	6-13	3-8	35	13	27	Ex-ACG-P0913BR
PG 11	6-13	3-8	35	13	27	Ex-ACG-P1113BR
PG 13.5	6-13	3-8	35	13	27	Ex-ACG-P13513BR
PG 13.5	9.5-16	7.5-12	35	13	27	Ex-ACG-P13516BR
PG 13.5	12.5-21	8.7-14	35	13	30	Ex-ACG-P13521BR
PG 16	6-13	3-8	35	13	27	Ex-ACG-P1613BR
PG 16	9.5-16	7.5-12	35	13	27	Ex-ACG-P1616BR
PG 16	12.5-21	8.7-14	35	13	30	Ex-ACG-P1621BR
PG 21	9.5-16	7.5-12	35	13	27	Ex-ACG-P2116BR
PG 21	12.5-21	8.7-14	35	13	30	Ex-ACG-P2121BR
PG 21	18-26	13-20	45	13	38	Ex-ACG-P2126BR
PG 29	12.5-21	8.7-14	36	15	30	Ex-ACG-P2921BR
PG 29	18-26	13-20	45	15	38	Ex-ACG-P2926BR
PG 29	23-34	19-26.5	48	15	46	Ex-ACG-P2934BR
PG 36	18-26	13-20	45	15	38	Ex-ACG-P3626BR
PG 36	23-34	19-26.5	48	15	46	Ex-ACG-P3634BR
PG 36	28-41	25-32.5	54	15	55	Ex-ACG-P3641BR
PG 42	23-34	19-26.5	48	15	46	Ex-ACG-P4234BR
PG 42	28-41	25-32.5	54	15	55	Ex-ACG-P4241BR
PG 42	35.2-47	31-38	53	15	65	Ex-ACG-P4247BR
PG 42	43-53	36-44	53	15	65	Ex-ACG-P4253BR
PG 48	28-41	25-32.5	54	15	55	Ex-ACG-P4841BR
PG 48	35.2-47	31-38	53	15	65	Ex-ACG-P4847BR
PG 48	43-53	36-44	53	15	65	Ex-ACG-P4853BR
PG 48	45.6-59.4	41.5-50	58	15	80	Ex-ACG-P4859BR
PG 48	54.6-66	48-55	58	15	80	Ex-ACG-P4866BR

防爆铠装防冷流电缆固定头
Explosion-proof Armored Anti-cold Flow Cable Gland
→ ACG系列 Series
RoHS REACH

订货数据 Ordering Data

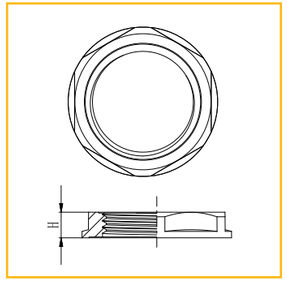
规格 Specs ØD1	Dia.Of Outer Sheath mm	Dia.Of Inner Sheath mm	H mm	GL mm	mm	订货号 Order no
NPT 3/8"	6-13	3-8	35	13	27	Ex-ACG-N3813BR
NPT 1/2"	6-13	3-8	35	13	27	Ex-ACG-N1213BR
NPT 1/2"	9.5-16	7.5-12	35	13	27	Ex-ACG-N1216BR
NPT 1/2"	12.5-21	8.7-14	35	13	30	Ex-ACG-N1221BR
NPT 3/4"	9.5-16	7.5-12	35	13	27	Ex-ACG-N3416BR
NPT 3/4"	12.5-21	8.7-14	35	13	30	Ex-ACG-N3421BR
NPT 3/4"	18-26	13-20	45	13	38	Ex-ACG-N3426BR
NPT 1"	12.5-21	8.7-14	36	15	30	Ex-ACG-N10021BR
NPT 1"	18-26	13-20	45	15	38	Ex-ACG-N10026BR
NPT 1"	23-34	19-26.5	48	15	46	Ex-ACG-N10034BR
NPT 1 1/4"	18-26	13-20	45	15	38	Ex-ACG-N11426BR
NPT 1 1/4"	23-34	19-26.5	48	15	46	Ex-ACG-N11434BR
NPT 1 1/4"	28-41	25-32.5	54	15	55	Ex-ACG-N11441BR
NPT 1 1/2"	23-34	19-26.5	48	15	46	Ex-ACG-N11234BR
NPT 1 1/2"	28-41	25-32.5	54	15	55	Ex-ACG-N11241BR
NPT 1 1/2"	35.2-47	31-38	53	15	65	Ex-ACG-N11247BR
NPT 1 1/2"	43-53	36-44	53	15	65	Ex-ACG-N11253BR
NPT 2"	28-41	25-32.5	54	15	55	Ex-ACG-N20041BR
NPT 2"	35.2-47	31-38	53	15	65	Ex-ACG-N20047BR
NPT 2"	43-53	36-44	53	15	65	Ex-ACG-N20053BR
NPT 2"	45.6-59.4	41.5-50	58	15	80	Ex-ACG-N20059BR
NPT 2"	54.6-66	48-55	58	15	80	Ex-ACG-N20066BR
G 3/8"	6-13	3-8	35	13	27	Ex-ACG-G3813BR
G 1/2"	6-13	3-8	35	13	27	Ex-ACG-G1213BR
G 1/2"	9.5-16	7.5-12	35	13	27	Ex-ACG-G1216BR
G 1/2"	12.5-21	8.7-14	35	13	30	Ex-ACG-G1221BR
G 3/4"	9.5-16	7.5-12	35	13	27	Ex-ACG-G3416BR
G 3/4"	12.5-21	8.7-14	35	13	30	Ex-ACG-G3421BR
G 3/4"	18-26	13-20	45	13	38	Ex-ACG-G3426BR
G 1"	12.5-21	8.7-14	36	15	30	Ex-ACG-G10021BR
G 1"	18-26	13-20	45	15	38	Ex-ACG-G10026BR
G 1"	23-34	19-26.5	48	15	46	Ex-ACG-G10034BR
G 1 1/4"	18-26	13-20	45	15	38	Ex-ACG-G11426BR
G 1 1/4"	23-34	19-26.5	48	15	46	Ex-ACG-G11434BR
G 1 1/4"	28-41	25-32.5	54	15	55	Ex-ACG-G11441BR
G 1 1/2"	23-34	19-26.5	48	15	46	Ex-ACG-G11234BR
G 1 1/2"	28-41	25-32.5	54	15	55	Ex-ACG-G11241BR
G 1 1/2"	35.2-47	31-38	53	15	65	Ex-ACG-G11247BR
G 1 1/2"	43-53	36-44	53	15	65	Ex-ACG-G11253BR
G 2"	28-41	25-32.5	54	15	55	Ex-ACG-G20041BR
G 2"	35.2-47	31-38	53	15	65	Ex-ACG-G20047BR
G 2"	43-53	36-44	53	15	65	Ex-ACG-G20053BR
G 2"	45.6-59.4	41.5-50	58	15	80	Ex-ACG-G20059BR
G 2"	54.6-66	48-55	58	15	80	Ex-ACG-G20066BR

尼龙六角螺母
Nylon Locknuts

→ M/PG

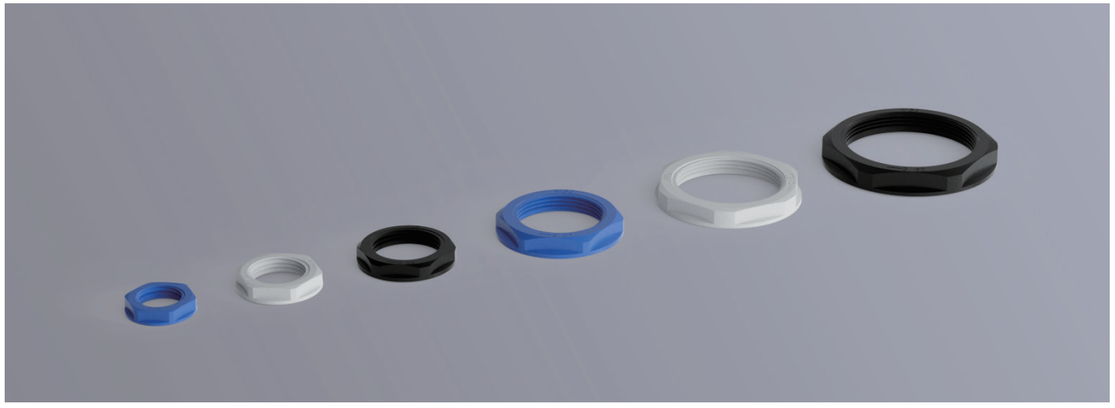
RoHS

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
工作温度 Operating Temperature: -40℃ to100℃
颜色种类 Color: 灰色、黑色，其他颜色可定做
Grey(RAL7035), Black(RAL9005), Other Colors Customized.
材料种类 Material Options: V0或F1可定做 V0, or F1 Can be Offered Upon Request.



订货数据 Ordering Data

规格 Specs ⌀D1	H mm	mm	订货号 Order no RAL7035●	订货号 Order no RAL9005●
M12 x 1.5	5	17	M12-LN	M12-LNB
M16 x 1.5	5	22	M16-LN	M16-LNB
M20 x 1.5	5.7	27	M20-LN	M20-LNB
M25 x 1.5	6	32	M25-LN	M25-LNB
M32 x 1.5	7	41	M32-LN	M32-LNB
M40 x 1.5	7	50	M40-LN	M40-LNB
M50 x 1.5	8.5	60	M50-LN	M50-LNB
M63 x 1.5	8	75	M63-LN	M63-LNB
PG 7	5	19	P07-LN	P07-LNB
PG 9	5	22	P09-LN	P09-LNB
PG 11	5	24	P11-LN	P11-LNB
PG 13.5	5.7	27	P13-LN	P13-LNB
PG 16	5.7	30	P16-LN	P16-LNB
PG 19	6	30	P19-LN	P19-LNB
PG 21	6	36	P21-LN	P21-LNB
PG 29	7	46	P29-LN	P29-LNB
PG 36	7.6	60	P36-LN	P36-LNB
PG 42	8	65	P42-LN	P42-LNB
PG 48	7.8	70	P48-LN	P48-LNB

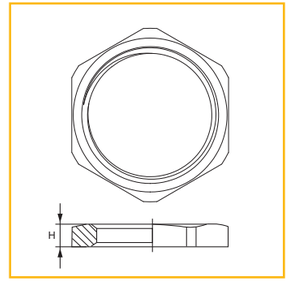


金属六角螺母
Metal Locknuts

→ M/PG/G

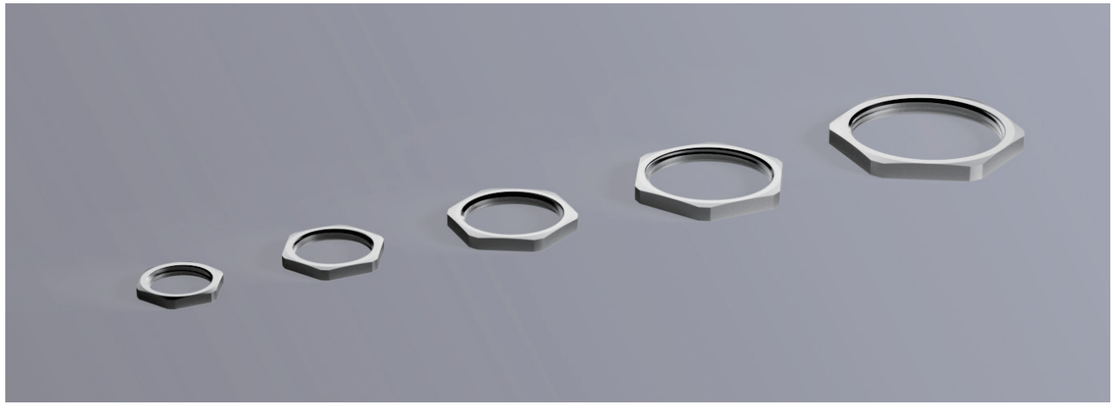
RoHS

材料 Material: 黄铜镀镍 Nickel-plated Brass
工作温度 Operating Temperature: -60℃ to 200℃



订货数据 Ordering Data

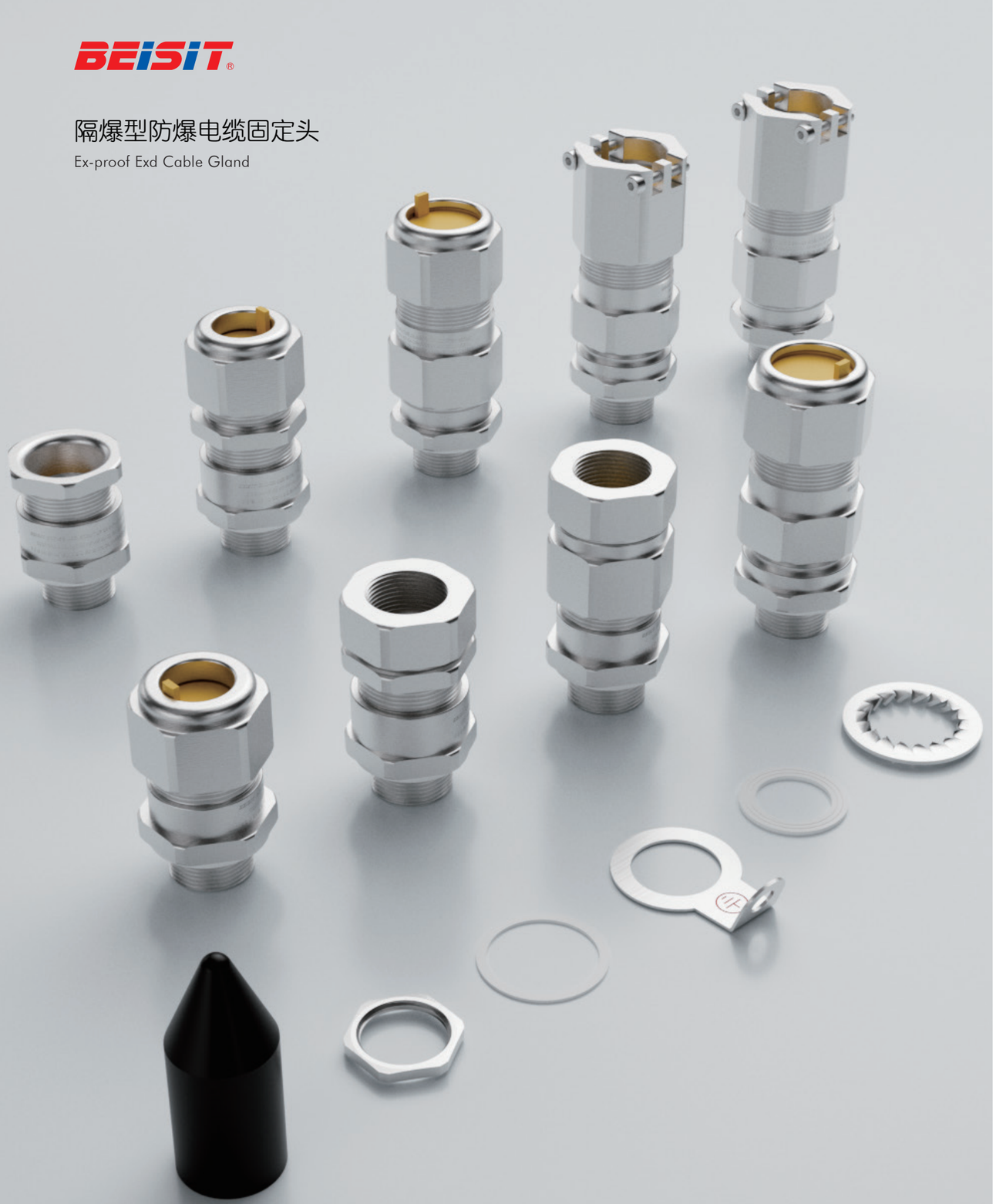
规格 Specs ⌀D1	H mm	mm	订货号 Order no
M12 x 1.5	2.6	15	M12BR-LN
M16 x 1.5	2.8	19	M16BR-LN
M20 x 1.5	3.0	23	M20BR-LN
M25 x 1.5	3.5	29	M25BR-LN
M32 x 1.5	4	36	M32BR-LN
M40 x 1.5	4	45	M40BR-LN
M50 x 1.5	5.5	55	M50BR-LN
M63 x 1.5	6	70	M63BR-LN
PG 7	2.7	15	P07BR-LN
PG 9	3	18	P09BR-LN
PG 11	3	21	P11BR-LN
PG 13.5	3	23	P13BR-LN
PG 16	3	26	P16BR-LN
PG 21	3.5	32	P21BR-LN
PG 29	4	41	P29BR-LN
PG 36	5	51	P36BR-LN
PG 42	5	60	P42BR-LN
PG 48	5.5	64	P48BR-LN
G 1/4"	4	17	G14BR-LN
G 3/8"	4.5	19	G38BR-LN
G 1/2"	5	24	G12BR-LN
G 3/4"	5	30	G34BR-LN
G 1"	6	40	G100BR-LN
G 1 1/4"	6	50	G114BR-LN
G 1 1/2"	6	57	G112BR-LN
G 2"	6	64	G200BR-LN



BEISIT

隔爆型防爆电缆固定头

Ex-proof Exd Cable Gland



BEISIT

→ BST-Exd系列 Series

IECEx ATEX CCC RoHS REACH

产品系列 Product Series	SS	DS	SSF	SST	SSFT
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass、Stainless Steel 304 316 316L				
结构类型 Cable Gland Type	单密封 Single Seal	双密封 Double Seal	单密封带填料 Single Seal Barrier	单密封带挠线管 Single Seal with Tube	单密封带填料带挠线管 Single Seal Barrier with Tube
认证类别 Certifications	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate				
防爆标志 Ex-Mark	Ex db Ⅱ C Gb Ex eb Ⅱ C Gb Ex nR Ⅱ C Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb	Ex eb Ⅰ Mb Ⅰ M2 Ex db Ⅰ Mb Ex eb Ⅰ Mb Ⅱ 2 G Ex db Ⅱ C Gb Ex eb Ⅱ C Gb	1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR Ⅱ C Gc		
防护等级 IP Rating	IP66 IP68(10m,8h)				
工作温度 Operating Temperature	-60℃～+130℃				
螺纹规格 Thread Type	M16-M100 NPT 1/2"-NPT 4"				
详细页码 Page Number	P99-P101	P102-P104	P105-P107	P108-P110	P111-P113

型号含义 Model Meaning

BST	Exd-	□	□	□	□
倍仕得 BEISIT	隔爆型 Flame-proof Type	系列代号 The Series Code SS: Single Seal DS: Double Seal SST: Single Seal With Tube SST: Single Seal Barrier	螺纹规格 Thread Specification M16: M16*1.5 M25: M25*1.5 N12: NPT 1/2" N34: NPT 3/4"	最大电缆外径 Maximum Cable Outer Diameter 08: 直径 Diameter 3-8mm	材质 Material BR: 黄铜镀镍 Nickel-plated Brass SS: 不锈钢 Stainless Steel 304 SA: 不锈钢 Stainless Steel 316 SB: 不锈钢 Stainless Steel 316L

举例 For Example: BST-Exd-DS-M1608BR

隔爆铠装电缆固定头选型指南
Ex-proof Exd Armored Cable Gland Selection-guide

BEISIT®

→ BST-Exd系列 Series

IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 DSA	 DSAC	 SSFA	 SFAC
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass、Stainless Steel 304 316 316L			
结构类型 Cable Gland Type	铠装双密封 Armored Double Seal	铠装双密封双锁紧 Armored Double Seal with Centric Strain Relief	铠装单密封带填料 Armored Single Seal with Tube	铠装单密封双锁紧带填料 Armored Single Seal with CentricStrain Relief and Tube
认证类别 Certifications	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate			
防爆标志 Ex-Mark	Ex db Ⅱ C Gb Ex eb Ⅱ C Gb Ex nR Ⅱ C Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb	Ex eb Ⅰ Mb Ⅰ M2 Ex db Ⅰ Mb Ex eb Ⅰ Mb Ⅱ 2 G Ex db ⅡC Gb Ex eb ⅡC Gb	1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR ⅡC Gc	
防护等级 IP Rating	IP66 IP68(10m,8h)			
工作温度 Operating Temperature	-60℃～+130℃			
螺纹规格 Thread Type	M16-M100 NPT 1/2"-NPT 4"			
详细页码 Page Number	P114-P116	P117-P119	P120-P122	P123-P125

隔爆配件选型指南
Selection Guide for Explosion - proof Accessories

BEISIT®

IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 金属六角螺母 Hex Metal Locknut	 PTFE垫片 硅胶垫片 PTFE Gasket Silicone Gasket	 防震垫片 Anti-vibration Gasket	 接地片 Earth Tag	 护套 Sheath
材质 Material	黄铜镀镍/不锈钢 Nickel Plated Brass Stainless Steel	聚四氟乙烯/硅胶 PTFE Silicone Rubber	304不锈钢 304 Stainless Steel	黄铜镀镍 Nickel-plated Brass	PVC
温度范围 Temperature Range	-60℃~200℃	-180°C~260°C -60°C~130°C	-70℃~200℃	-70℃~150℃	-60℃~90℃
适用规格 Thread Specification	M16-M100	M16-M100 NPT 1/2"-NPT 4"	M16-M100 NPT 1/2"-NPT 4"	M16-M100 NPT 1/2"-NPT 4"	M16-M100
详细页码 Page Number	P126	P127-P128	P129	P130	P131

隔爆电缆固定头（单密封）
Single Sealing Exd Cable Gland

→ BST-Exd-SS系列 Series

IEC ATEX RoHS REACH

设计规范 Design Specification: IEC62444,EN62444

符合标准 Standards: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31

适用范围 Application Scope: 适用于气体1、2区；粉尘20、21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22

适用电缆类型 Cable Type: 非铠装和编织电缆 Non-Armoured & Braided Cable

工作温度 Operating Temperature: -60℃-130℃

认证测试温度 Certificate Testing Temperature: -65℃-150℃

进线处防护等级 IP Rating : IP66/IP68(10m 8h)

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex nR IIC Gc Ex ta IIIC Da IP66/IP68 Ex db I Mb Ex eb I Mb	CCC证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	I M2 Ex db I Mb/Ex eb I Mb II 2 G Ex db IIC Gb/Ex eb IIC Gb II 1 D Ex ta IIIC Da IP66/1P68 II 3 G Ex nR IIC Gc	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb/Ex tb IIIC Db IP66/68(10m.8h)

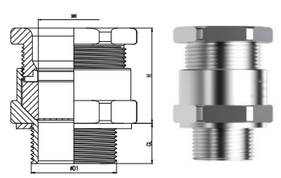
技术数据 Technical Data

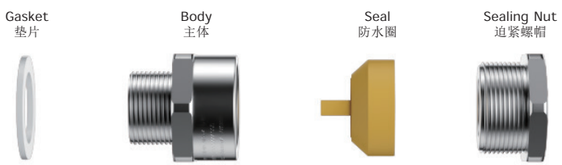
螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

产品FAB The FAB of the Product

特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications（M16-M100、NPT1/2"~NPT4"） 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（单密封）
Single Sealing Exd Cable Gland
→ BST-Exd-SS系列 Series



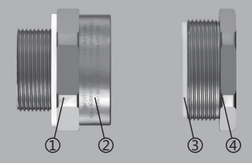


订货数据 Ordering Data

规格 Specs ∅D1	∅k mm	H mm	GL mm	∅ mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	3.0-8.0	30	15	24	BST-Exd-SS-M1608BR
M20 x 1.5	3.0-8.0	29	15	24	BST-Exd-SS-M2008BR
M20 x 1.5	7.5-12.0	29	15	24	BST-Exd-SS-M2012BR
M20 x 1.5	8.7-14.0	30	15	27	BST-Exd-SS-M2014BR
M25 x 1.5	9.0-15.0	38	15	36	BST-Exd-SS-M2515BR
M25 x 1.5	13.0-20.0	38	15	36	BST-Exd-SS-M2520BR
M32 x 1.5	19.0-26.5	36	15	43	BST-Exd-SS-M3227BR
M40 x 1.5	25.0-32.5	39	15	50	BST-Exd-SS-M4033BR
M50 x 1.5	31.0-38.0	40	15	55	BST-Exd-SS-M5038BR
M50 x 1.5	36.0-44.0	45	15	60	BST-Exd-SS-M5044BR
M63 x 1.5	41.5-50.0	46	15	75	BST-Exd-SS-M6350BR
M63 x 1.5	48.0-55.0	46	15	75	BST-Exd-SS-M6355BR
M75 x 1.5	54.0-62.0	45	15	90	BST-Exd-SS-M7562BR
M75 x 1.5	61.0-68.0	45	15	90	BST-Exd-SS-M7568BR
M80 x 2.0	67.0-73.0	61	24	96	BST-Exd-SS-M8073BR
M90 x 2.0	66.6-80.0	60	24	108	BST-Exd-SS-M9080BR
M100 x 2.0	76.0-89.0	76	24	123	BST-Exd-SS-M10089BR
NPT 1/2"	3.0-8.0	29	19.9	24	BST-Exd-SS-N1208BR
NPT 3/4"	3.0-8.0	29	19.9	27	BST-Exd-SS-N3408BR
NPT 1/2"	7.5-12.0	29	19.9	24	BST-Exd-SS-N1212BR
NPT 3/4"	7.5-12.0	29	19.9	27	BST-Exd-SS-N3412BR
NPT 1/2"	8.7-14.0	30	19.9	27	BST-Exd-SS-N1214BR
NPT 3/4"	8.7-14.0	30	19.9	27	BST-Exd-SS-N3414BR
NPT 3/4"	9.0-15.0	38	20.2	36	BST-Exd-SS-N3415BR
NPT 3/4"	13.0-20.0	38	20.2	36	BST-Exd-SS-N3420BR
NPT 1"	9.0-15.0	38	20.2	36	BST-Exd-SS-N10020BR
NPT 1"	13.0-20.0	38	20.2	36	BST-Exd-SS-N10020BR
NPT 1"	19.0-26.5	36	25	43	BST-Exd-SS-N10027BR
NPT 1 1/4"	19.0-26.5	36	25	43	BST-Exd-SS-N11427BR
NPT 1 1/4"	25.0-32.5	39	25.6	50	BST-Exd-SS-N11433BR
NPT 1 1/2"	25.0-32.5	39	25.6	50	BST-Exd-SS-N11233BR
NPT 2"	31.0-38.0	40	26.1	70	BST-Exd-SS-N20038BR
NPT 2"	35.6-44.0	45	26.9	70	BST-Exd-SS-N20044BR
NPT 2 1/2"	35.6-44.0	45	26.9	80	BST-Exd-SS-N21244BR
NPT 2 1/2"	41.5-50.0	46	26.9	80	BST-Exd-SS-N21250BR
NPT 2 1/2"	48.0-55.0	46	39.9	80	BST-Exd-SS-N21255BR
NPT 3"	48.0-55.0	46	39.9	96	BST-Exd-SS-N30055BR
NPT 3"	54.0-62.0	45	39.9	96	BST-Exd-SS-N30062BR
NPT 3"	61.0-68.0	45	41.5	96	BST-Exd-SS-N30068BR
NPT 3 1/2"	61.0-68.0	45	41.5	108	BST-Exd-SS-N31268BR
NPT 3"	67.0-73.0	61	41.5	96	BST-Exd-SS-N30073BR
NPT 3 1/2"	67.0-73.0	61	41.5	108	BST-Exd-SS-N31273BR
NPT 3 1/2"	66.6-80.0	60	42.8	108	BST-Exd-SS-N31280BR
NPT 4"	66.6-80.0	60	42.8	123	BST-Exd-SS-N40080BR
NPT 3 1/2"	76.0-89.0	76	42.8	123	BST-Exd-SS-N31289BR
NPT 4"	76.0-89.0	76	42.8	123	BST-Exd-SS-N40089BR

隔爆电缆固定头（单密封）安装作业指导书
Single Sealing Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



1

用游标卡尺确认电缆直径是否在标准线径范围内。

Use vernier caliper to confirm whether cable diameter is within the standard cable range.

2

剥掉电缆外护层，压接好端子。

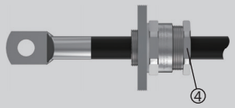
Strip off the outer sheath of cables, crimp the terminal.

3

确保垫片①安装到位，将电缆固定头拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑤拧紧主体②至标准安装扭力。

Guarantee that the gasket① is installed in place. Screw the cable gland into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑤ to the standard installation torque.

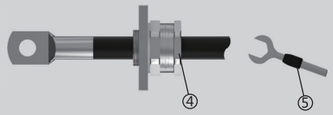
4



将电缆穿过电缆固定头，用手旋紧迫紧螺帽④。

Pass the cable and go through the gland, tighten the sealing nut④.

5



使用扭力扳手⑤拧紧迫紧螺帽④至标准安装扭力,使密封件夹紧电缆达到密封和紧固效果。

Tighten the sealing nut④by the spanner⑤ to standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

隔爆电缆固定头（双密封）
Double Sealing Exd Cable Gland

→ BST-Exd-DS系列 Series

IECEx ATEX CCC RoHS REACH

设计规范 Design Specification:	IEC62444,EN62444
符合标准 Standards:	IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31; EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31 GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用范围 Application Scope:	适用于气体1、2区；粉尘20、21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
适用电缆类型 Cable Type:	非铠装和编织电缆 Non-Armoured & Braided Cable
工作温度 Operating Temperature:	-60℃-130℃
认证测试温度 Certificate Testing Temperature:	-65℃-150℃
进线处防护等级 IP Rating:	IP66/IP68(10m 8h)

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex nR ⅡC Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb Ex eb Ⅰ Mb	CCC证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⅰ M2 Ex db Ⅰ Mb/Ex eb Ⅰ Mb Ⅱ 2 G Ex db ⅡC Gb/Ex eb ⅡC Gb Ⅱ 1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR ⅡC Gc	防爆合格证 Explosion-proof Certificate	Ex db ⅡC Gb/Ex tb ⅢC Db IP66/68(10m.8h)

技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

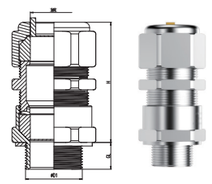
产品FAB The FAB of the Product

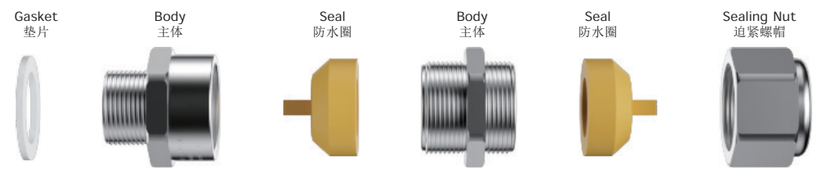
特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（双密封）
Double Sealing Exd Cable Gland

BST-Exd-DS系列 Series

IECEx ATEX CCC RoHS REACH



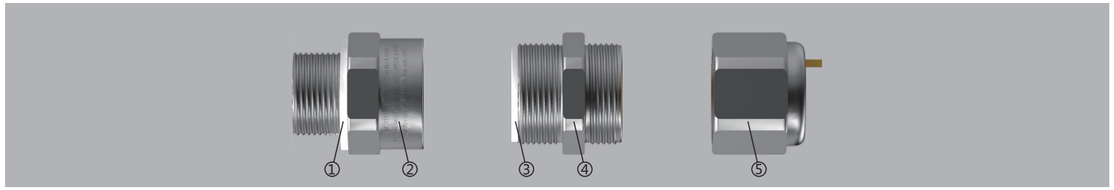


订货数据 Ordering Data

规格 Specs ∅D1	∅k mm	H mm	GL mm	⬡ mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	3.0-8.0	58	15	24	BST-Exd-DS-M1608BR
M20 x 1.5	3.0-8.0	57	15	24	BST-Exd-DS-M2008BR
M20 x 1.5	7.5-12.0	57	15	24	BST-Exd-DS-M2012BR
M20 x 1.5	8.7-14.0	55	15	27	BST-Exd-DS-M2014BR
M25 x 1.5	9.0-15.0	69	15	36	BST-Exd-DS-M2515BR
M25 x 1.5	13.0-20.0	69	15	36	BST-Exd-DS-M2520BR
M32 x 1.5	19.0-26.5	67	15	43	BST-Exd-DS-M3227BR
M40 x 1.5	25.0-32.5	71	15	50	BST-Exd-DS-M4033BR
M50 x 1.5	31.0-38.0	79	15	55	BST-Exd-DS-M5038BR
M50 x 1.5	36.0-44.0	85	15	60	BST-Exd-DS-M5044BR
M63 x 1.5	41.5-50.0	88	15	75	BST-Exd-DS-M6350BR
M63 x 1.5	48.0-55.0	88	15	75	BST-Exd-DS-M6355BR
M75 x 1.5	54.0-62.0	87	15	90	BST-Exd-DS-M7562BR
M75 x 1.5	61.0-68.0	87	15	90	BST-Exd-DS-M7568BR
M80 x 2.0	67.0-73.0	120	24	96	BST-Exd-DS-M8073BR
M90 x 2.0	66.6-80.0	115	24	108	BST-Exd-DS-M9080BR
M100 x 2.0	76.0-89.0	144	24	123	BST-Exd-DS-M10089BR
NPT 1/2"	3.0-8.0	57	19.9	24	BST-Exd-DS-N1208BR
NPT 3/4"	3.0-8.0	57	19.9	24	BST-Exd-DS-N3408BR
NPT 1/2"	7.5-12.0	57	19.9	24	BST-Exd-DS-N1212BR
NPT 3/4"	7.5-12.0	57	19.9	24	BST-Exd-DS-N3412BR
NPT 1/2"	8.7-14.0	55	19.9	27	BST-Exd-DS-N1214BR
NPT 3/4"	8.7-14.0	55	19.9	27	BST-Exd-DS-N3414BR
NPT 3/4"	9.0-15.0	69	20.2	36	BST-Exd-DS-N3415BR
NPT 3/4"	13.0-20.0	69	20.2	36	BST-Exd-DS-N3420BR
NPT 1"	9.0-15.0	69	20.2	36	BST-Exd-DS-N10020BR
NPT 1"	13.0-20.0	69	20.2	36	BST-Exd-DS-N10015BR
NPT 1"	19.0-26.5	67	25	43	BST-Exd-DS-N10027BR
NPT 1 1/4"	19.0-26.5	67	25	43	BST-Exd-DS-N11427BR
NPT 1 1/4"	25.0-32.5	71	25.6	50	BST-Exd-DS-N11433BR
NPT 1 1/2"	25.0-32.5	71	25.6	50	BST-Exd-DS-N11233BR
NPT 2"	31.0-38.0	79	26.1	55	BST-Exd-DS-N20038BR
NPT 2"	35.6-44.0	85	26.9	60	BST-Exd-DS-N20044BR
NPT 2 1/2"	35.6-44.0	85	26.9	60	BST-Exd-DS-N21244BR
NPT 2 1/2"	41.5-50.0	88	26.9	75	BST-Exd-DS-N21250BR
NPT 2 1/2"	48.0-55.0	88	39.9	75	BST-Exd-DS-N21255BR
NPT 3"	48.0-55.0	88	39.9	75	BST-Exd-DS-N30055BR
NPT 3"	54.0-62.0	87	39.9	90	BST-Exd-DS-N30062BR
NPT 3"	61.0-68.0	87	41.5	90	BST-Exd-DS-N30068BR
NPT 3 1/2"	61.0-68.0	87	41.5	90	BST-Exd-DS-N31268BR
NPT 3"	67.0-73.0	120	41.5	96	BST-Exd-DS-N30073BR
NPT 3 1/2"	67.0-73.0	120	41.5	96	BST-Exd-DS-N31273BR
NPT 3 1/2"	66.6-80.0	115	42.8	108	BST-Exd-DS-N31280BR
NPT 4"	66.6-80.0	115	42.8	108	BST-Exd-DS-N40080BR
NPT 3 1/2"	76.0-89.0	144	42.8	123	BST-Exd-DS-N31289BR
NPT 4"	76.0-89.0	144	42.8	123	BST-Exd-DS-N40089BR

隔爆电缆固定头（双密封）安装作业指导书
Double Sealing Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



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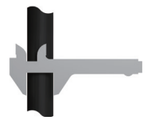


用游标卡尺确认电缆直径是否在标准线径范围内。

Use vernier caliper to confirm whether cable diameter is within the standard cable range.

2

剥掉电缆外护层，压接好端子。

Strip off the outer sheath of cables, crimp the terminal.

3

确保垫片①安装到位，将电缆固定头拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑥拧紧主体②至标准安装扭力。

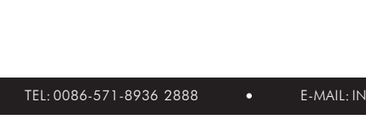
Guarantee that the gasket① is installed in place. Screw the cable gland into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑥ to the standard installation torque.

4

将电缆穿过电缆固定头，用手旋紧主体④和迫紧螺帽⑤。

Pass the cable and go through the gland, tighten the body④and the sealing nut⑤.

5



使用扭力扳手⑥拧紧主体④至标准安装扭力,使密封件夹紧电缆达到密封和紧固效果。

Tighten the body④by the spanner⑥ to the standard installation torque, make the seal clamp cable tightly to achieve good sealing and fastening effect.

6

使用扭力扳手⑥将迫紧螺帽⑤拧紧对电缆达到额外密封和紧固。

Tighten the sealing nut⑤ by the torque spanner⑥ to achieve additional sealing and fastening effect.

隔爆电缆固定头（单密封带填料）
Single Sealing with Barrier Exd Cable Gland

→ BST-Exd-SSF系列 Series

IEC Ex ATEX RoHS REACH

设计规范 Design Specification: IEC62444,EN62444

符合标准 Standards: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31

适用范围 Application Scope: 适用于气体1、2区；粉尘20、21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22

适用电缆类型 Cable Type: 非铠装电缆 Non-Armoured Cable

工作温度 Operating Temperature: -60℃-130℃

认证测试温度 Certificate Testing Temperature: -65℃-150℃

进线处防护等级 IP Rating: IP66/IP68(10m 8h)

认证证书 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex nR ⅡC Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb Ex eb Ⅰ Mb	CCC证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⅰ M2 Ex db Ⅰ Mb/Ex eb Ⅰ Mb Ⅱ 2 G Ex db ⅡC Gb/Ex eb ⅡC Gb Ⅱ 1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR ⅡC Gc	防爆合格证 Explosion-proof Certificate	Ex db ⅡC Gb/Ex tb ⅢC Db IP66/68(10m.8h)

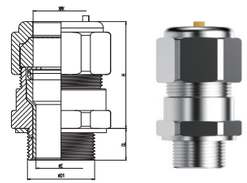
技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

产品FAB The FAB of the Product

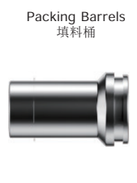
特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（单密封带填料）
Single Sealing with Barrier Exd Cable Gland
→ BST-Exd-SSF系列 Series



Gasket 垫片

Body 主体


Packing Barrels 填料桶

Seal 防水圈

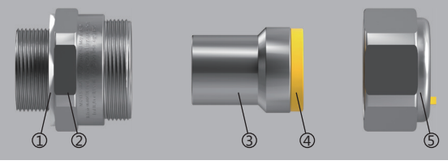
Sealing Nut 迫紧螺帽

订货数据 Ordering Data

规格 Specs ∅D1	mm	Cable Core Qty	Max.Dia.of Over Cores	E mm	H mm	GL mm	mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	3.0-8.0	6	6.8	8.5	45	15	24	BST-Exd-SSF-M1608BR
M20 x 1.5	3.0-8.0	6	10	12.5	42	15	24	BST-Exd-SSF-M2008BR
M20 x 1.5	7.5-12.0	6	10	12.5	42	15	24	BST-Exd-SSF-M2012BR
M20 x 1.5	8.7-14.0	10	9.8	12.3	41	15	27	BST-Exd-SSF-M2014BR
M25 x 1.5	9.0-15.0	21	13.4	16.8	51	15	36	BST-Exd-SSF-M2515BR
M25 x 1.5	13.0-20.0	21	13.4	16.8	51	15	36	BST-Exd-SSF-M2520BR
M32 x 1.5	19.0-26.5	42	18.9	23.7	51	15	43	BST-Exd-SSF-M3227BR
M40 x 1.5	25.0-32.5	60	24.8	31.0	53	15	50	BST-Exd-SSF-M4033BR
M50 x 1.5	31.0-38.0	80	30.8	38.5	61	15	55	BST-Exd-SSF-M5038BR
M50 x 1.5	36.0-44.0	80	32.8	41.1	63	15	60	BST-Exd-SSF-M5044BR
M63 x 1.5	41.5-50.0	100	41.6	52.0	66	15	75	BST-Exd-SSF-M6350BR
M63 x 1.5	48.0-55.0	100	41.6	52.0	66	15	75	BST-Exd-SSF-M6355BR
M75 x 1.5	54.0-62.0	120	52.3	65.4	63	15	90	BST-Exd-SSF-M7562BR
M75 x 1.5	61.0-68.0	120	52.3	65.4	63	15	90	BST-Exd-SSF-M7568BR
M80 x 2.0	67.0-73.0	140	56.4	70.5	82	24	96	BST-Exd-SSF-M8073BR
M90 x 2.0	66.6-80.0	140	62.9	78.7	80	24	108	BST-Exd-SSF-M9080BR
M100 x 2.0	76.0-89.0	200	70.9	88.7	98	24	123	BST-Exd-SSF-M10089BR
NPT 1/2"	3.0-8.0	6	10	12.5	42	19.9	24	BST-Exd-SSF-N1208BR
NPT 3/4"	3.0-8.0	6	10	12.5	42	19.9	27	BST-Exd-SSF-N3408BR
NPT 1/2"	7.5-12.0	6	10	12.5	42	19.9	24	BST-Exd-SSF-N1212BR
NPT 3/4"	7.5-12.0	6	10	12.5	42	19.9	27	BST-Exd-SSF-N3412BR
NPT 1/2"	8.7-14.0	10	9.8	12.3	41	19.9	27	BST-Exd-SSF-N1214BR
NPT 3/4"	8.7-14.0	10	9.8	12.3	41	19.9	27	BST-Exd-SSF-N3414BR
NPT 3/4"	9.0-15.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N3415BR
NPT 3/4"	13.0-20.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N3420BR
NPT 1"	9.0-15.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N10015BR
NPT 1"	13.0-20.0	21	13.4	16.8	51	20.2	36	BST-Exd-SSF-N10020BR
NPT 1"	19.0-26.5	42	19.0	23.7	51	25.0	43	BST-Exd-SSF-N10027BR
NPT 1 1/4"	19.0-26.5	42	19.0	23.7	51	25.0	43	BST-Exd-SSF-N11427BR
NPT 1 1/4"	25.0-32.5	60	24.8	31.0	53	25.6	50	BST-Exd-SSF-N11433BR
NPT 1 1/2"	25.0-32.5	60	24.8	31.0	53	25.6	50	BST-Exd-SSF-N11233BR
NPT 2"	31.0-38.0	80	30.8	38.5	61	26.1	70	BST-Exd-SSF-N20038BR
NPT 2"	35.6-44.0	80	32.9	41.1	63	26.6	70	BST-Exd-SSF-N20044BR
NPT 2 1/2"	35.6-44.0	80	32.9	41.1	63	29.9	80	BST-Exd-SSF-N21244BR
NPT 2 1/2"	41.5-50.0	100	41.6	52	66	26.9	80	BST-Exd-SSF-N21250BR
NPT 2 1/2"	48.0-55.0	100	41.6	52	66	39.9	80	BST-Exd-SSF-N21255BR
NPT 3"	48.0-55.0	100	41.6	65.4	66	39.9	96	BST-Exd-SSF-N30055BR
NPT 3"	54.0-62.0	120	52.3	65.4	63	39.9	96	BST-Exd-SSF-N30062BR
NPT 3"	61.0-68.0	120	52.3	65.4	63	41.5	96	BST-Exd-SSF-N30068BR
NPT 3 1/2"	61.0-68.0	120	52.3	70.5	63	41.5	108	BST-Exd-SSF-N31268BR
NPT 3"	67.0-73.0	140	56.4	70.5	82	41.5	96	BST-Exd-SSF-N30073BR
NPT 3 1/2"	67.0-73.0	140	56.4	70.5	82	41.5	108	BST-Exd-SSF-N31273BR
NPT 3 1/2"	66.6-80.0	140	63.0	78.7	80	42.8	108	BST-Exd-SSF-N31280BR
NPT 4"	66.6-80.0	140	63.0	78.8	80	42.8	123	BST-Exd-SSF-N40080BR
NPT 3 1/2"	76.0-89.0	200	71.0	88.7	98	42.8	123	BST-Exd-SSF-N31289BR
NPT 4"	76.0-89.0	200	71.0	88.7	98	42.8	123	BST-Exd-SSF-N40089BR

隔爆电缆固定头（单密封带填料）安装作业指导书
Single Sealing with Barrier Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



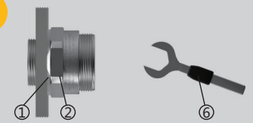
1

Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
M1608	19mm	M2520BR	20mm	M5044	27mm	M7568	27mm
M2008	16mm	M3227BR	21mm	M6350	28mm	M8073	34mm
M2012	16mm	M4033BR	21mm	M6355	28mm	M9080	34mm
M2014	16mm	M5038BR	24mm	M7562	27mm	M10089	60mm

剥掉电缆外护层露出内部电缆芯轴（外护层长度=端子离箱体外侧长度+上表剥线长度），将电缆芯轴的绝缘层清理干净。如果电缆芯上有耐油绵纸，也应该被拆成一根根单一的芯轴，使用绝缘胶带将芯线末端捆扎在一起。

Strip off the outer sheath of cable to expose the inner cable cores. (Outer cutting sheath Length = Distance from the terminal to the outer plate of box + Length of naked wire indicated in the table below)And then clean the insulation layer of cable cores.
If there`s oil resistance cotton paper wrapped around cable cores, it should be disassembled into single one, bundle cable cores bottom with insulated tapes finally.

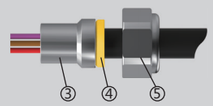
2



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑥将主体②拧紧至安装扭力。

Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑥ to the standard installation torque.

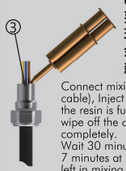
3



将电缆末端依次穿过迫紧螺帽⑤和填料筒③，直至外护层超过防水圈④，拆除芯轴末端的绝缘胶带,将其竖直固定在装置上。

Pass the end of cable through sealing nut⑤ and filling cylinder③ in turn, until outer insulation layer exceeds seal④, strip off insulating tape at the bottom of cable cores, fix it in cylinder vertically.

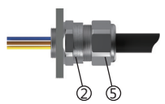
4



接上混合喷嘴（小型多芯电缆使用延长喷嘴），将树脂注入填料筒中③，确保树脂一直填满到填料筒的底部，擦去溢出的树脂,等待树脂从液体初步凝固。0℃环境下需要30分钟 / 10℃环境下需要15分钟 /20℃环境下需要7分钟/30℃环境下需要5 分钟如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。

Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder③, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0℃ / Wait 15 minutes at 10℃ / Wait 7 minutes at 20℃ / Wait 5 minutes at 30℃If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.

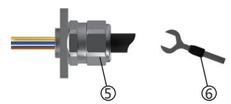
5



将填料筒③塞进主体②,旋紧迫紧螺帽⑤。

Insert the filling cylinder③ into the body②, tighten the sealing nut⑤.

6



使用扭力扳手⑥拧紧迫紧螺帽⑤至标准安装扭力,使密封件夹紧电缆达到密封和紧固效果。

Tighten the sealing nut⑤by the spanner⑦to the standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

隔爆电缆固定头（单密封带挠线管）
Single Sealing with Tube Exd Cable Gland

→ BST-Exd-SST系列 Series

IEC Ex ATEX RoHS REACH

设计规范 Design Specification:	IEC62444,EN62444
符合标准 Standards:	IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31; EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31 GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用范围 Application Scope:	适用于气体1、2区；粉尘20、21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
适用电缆类型 Cable Type:	非铠装和纺织电缆 Non-Armoured & Braided Cable
工作温度 Operating Temperature:	-60℃-130℃
认证测试温度 Certificate Testing Temperature:	-65℃-150℃
进线处防护等级 IP Rating:	IP66/IP68(10m 8h)

认证证书 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex nR ⅡC Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb Ex eb Ⅰ Mb	CCC证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⅰ M2 Ex db Ⅰ Mb/Ex eb Ⅰ Mb Ⅱ 2 G Ex db ⅡC Gb/Ex eb ⅡC Gb Ⅱ 1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR ⅡC Gc	防爆合格证 Explosion-proof Certificate	Ex db ⅡC Gb/Ex tb ⅢC Db IP66/68(10m.8h)

技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

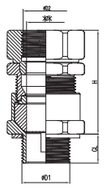
产品FAB The FAB of the Product

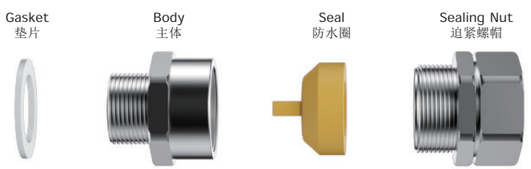
特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（单密封带挠线管）
Single Sealing with Tube Exd Cable Gland

BST-Exd-SST系列 Series

IECEx ATEX CCC RoHS REACH



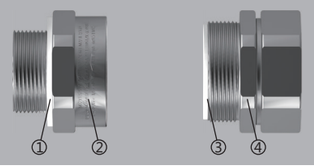


订货数据 Ordering Data

规格 Specs ØD1	⌀ mm	D2	H mm	GL mm	⌀ mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	3.0-8.0	M16 x 1.5	48	15	24	BST-Exd-SST-M1608BR
M20 x 1.5	3.0-8.0	M20 x 1.5	47	15	24	BST-Exd-SST-M2008BR
M20 x 1.5	7.5-12.0	M20 x 1.5	47	15	24	BST-Exd-SST-M2012BR
M20 x 1.5	8.7-14.0	M20 x 1.5	47	15	27	BST-Exd-SST-M2014BR
M25 x 1.5	9.0-15.0	M25 x 1.5	54	15	36	BST-Exd-SST-M2515BR
M25 x 1.5	13.0-20.0	M25 x 1.5	54	15	36	BST-Exd-SST-M2520BR
M32 x 1.5	19.0-26.5	M32 x 1.5	53	15	43	BST-Exd-SST-M3227BR
M40 x 1.5	25.0-32.5	M40 x 1.5	58	15	50	BST-Exd-SST-M4033BR
M50 x 1.5	31.0-38.0	M50 x 1.5	58	15	55	BST-Exd-SST-M5038BR
M50 x 1.5	36.0-44.0	M50 x 1.5	64	15	60	BST-Exd-SST-M5044BR
M63 x 1.5	41.5-50.0	M63 x 1.5	65	15	75	BST-Exd-SST-M6350BR
M63 x 1.5	48.0-55.0	M63 x 1.5	65	15	75	BST-Exd-SST-M6355BR
M75 x 1.5	54.0-62.0	M75 x 1.5	65	15	90	BST-Exd-SST-M7562BR
M75 x 1.5	61.0-68.0	M75 x 1.5	65	15	90	BST-Exd-SST-M7568BR
M80 x 2.0	67.0-73.0	M80 x 2.0	88	24	96	BST-Exd-SST-M8073BR
M90 x 2.0	66.6-80.0	M90 x 2.0	89	24	108	BST-Exd-SST-M9080BR
M100 x 2.0	76.0-89.0	M100 x 2.0	106	24	123	BST-Exd-SST-M10089BR
NPT 1/2"	3.0-8.0	NPT 1/2"	47	19.9	24	BST-Exd-SST-N1208BR
NPT 3/4"	3.0-8.0	NPT 3/4"	47	19.9	27	BST-Exd-SST-N3408BR
NPT 1/2"	7.5-12.0	NPT 1/2"	47	19.9	24	BST-Exd-SST-N1212BR
NPT 3/4"	7.5-12.0	NPT 3/4"	47	19.9	27	BST-Exd-SST-N3412BR
NPT 1/2"	8.7-14.0	NPT 1/2"	47	19.9	27	BST-Exd-SST-N1214BR
NPT 3/4"	8.7-14.0	NPT 3/4"	47	19.9	27	BST-Exd-SST-N3414BR
NPT 3/4"	9.0-15.0	NPT 3/4"	54	20.2	36	BST-Exd-SST-N3415BR
NPT 3/4"	13.0-20.0	NPT 3/4"	54	20.2	36	BST-Exd-SST-N3420BR
NPT 1"	9.0-15.0	NPT 1"	54	20.2	36	BST-Exd-SST-N10015BR
NPT 1"	13.0-20.0	NPT 1"	54	20.2	36	BST-Exd-SST-N10020BR
NPT 1"	19.0-26.5	NPT 1"	53	25.0	43	BST-Exd-SST-N10027BR
NPT 1 1/4"	19.0-26.5	NPT 1 1/4"	53	25.0	43	BST-Exd-SST-N11427BR
NPT 1 1/4"	25.0-32.5	NPT 1 1/4"	58	25.6	50	BST-Exd-SST-N11433BR
NPT 1 1/2"	25.0-32.5	NPT 1 1/4"	58	25.6	50	BST-Exd-SST-N11233BR
NPT 2"	31.0-38.0	NPT 2"	58	26.1	70	BST-Exd-SST-N20038BR
NPT 2"	35.6-44.0	NPT 2"	64	26.9	70	BST-Exd-SST-N20044BR
NPT 2 1/2"	35.6-44.0	NPT 2 1/2"	64	26.9	80	BST-Exd-SST-N21244BR
NPT 2 1/2"	41.5-50.0	NPT 2 1/2"	66	26.9	80	BST-Exd-SST-N21250BR
NPT 2 1/2"	48.0-55.0	NPT 2 1/2"	66	39.9	80	BST-Exd-SST-N21255BR
NPT 3"	48.0-55.0	NPT 3"	66	39.9	96	BST-Exd-SST-N30055BR
NPT 3"	54.0-62.0	NPT 3"	63	39.9	96	BST-Exd-SST-N30062BR
NPT 3"	61.0-68.0	NPT 3"	63	41.5	96	BST-Exd-SST-N30068BR
NPT 3 1/2"	61.0-68.0	NPT 3 1/2"	63	41.5	108	BST-Exd-SST-N31268BR
NPT 3"	67.0-73.0	NPT 3"	82	41.5	96	BST-Exd-SST-N30073BR
NPT 3 1/2"	67.0-73.0	NPT 3 1/2"	82	41.5	108	BST-Exd-SST-N31273BR
NPT 3 1/2"	66.6-80.0	NPT 3 1/2"	80	42.8	108	BST-Exd-SST-N31280BR
NPT 4"	66.6-80.0	NPT 4"	82	42.8	123	BST-Exd-SST-N40080BR
NPT 3 1/2"	76.0-89.0	NPT 3 1/2"	98	42.8	123	BST-Exd-SST-N31289BR
NPT 4"	76.0-89.0	NPT 4"	98	42.8	123	BST-Exd-SST-N40089BR

隔爆电缆固定头（单密封带挠线管）安装作业指导书
Single Sealing with Tube Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



1

用游标卡尺确认电缆直径是否在标准线径范围内。

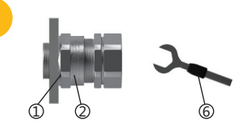
Use vernier caliper to confirm whether cable diameter is within the standard cable range.

2

剥掉电缆外护层，压接好端子。

Strip off the outer sheath of cables, crimp the terminal.

3



确保垫片①安装到位，将电缆固定头拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑥拧紧主体②至标准安装扭力。

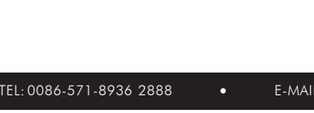
Guarantee that the gasket① is installed in place. Screw the cable gland into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑥ to the standard installation torque.

4

将电缆穿过电缆固定头，用手旋紧迫紧螺帽④。

Pass the cable and go through the gland, tighten the sealing nut④.

5



使用扭力扳手⑥拧紧迫紧螺帽④至标准安装扭力,使密封件夹紧电缆达到密封和紧固效果。

Tighten the sealing nut④by the spanner⑥to the standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

6

固定迫紧螺帽④的活动部位，将挠线管⑤拧紧至迫紧螺帽④上。

Fix the movable part of the sealing nut④, tighten the flexible tube set⑤ to the sealing nut④.

隔爆电缆固定头（单密封带填料带挠线管）
Single Sealing with Barrier and Tube Exd Cable Gland

→ BST-Exd-SSFT系列 Series

IEC Ex ATEX CCC RoHS REACH

设计规范 Design Specification: IEC62444,EN62444

符合标准 Standards: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31

适用范围 Application Scope: 适用于气体1、2区；粉尘20、21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22

适用电缆类型 Cable Type: 非铠装电缆 Non-Armoured Cable

工作温度 Operating Temperature: -60℃-130℃

认证测试温度 Certificate Testing Temperature: -65℃-150℃

进线处防护等级 IP Rating: IP66/IP68(10m 8h)

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex nR ⅡC Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb Ex eb Ⅰ Mb	CCC证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⅰ M2 Ex db Ⅰ Mb/Ex eb Ⅰ Mb Ⅱ 2 G Ex db ⅡC Gb/Ex eb ⅡC Gb Ⅱ 1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR ⅡC Gc	防爆合格证 Explosion-proof Certificate	Ex db ⅡC Gb/Ex tb ⅢC Db IP66/68(10m.8h)

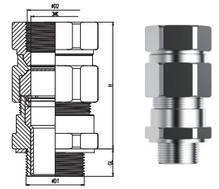
技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

产品FAB The FAB of the Product

特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（单密封带填料带挠线管）
Single Sealing with Barrier and Tube Exd Cable Gland
→ BST-Exd-SSFT系列 Series



订货数据 Ordering Data

规格 Specs ØD1	⅀ mm	D2	Cable Core Qty	Max.Dia.of Over Cores	E mm	H mm	GL mm	mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	3.0-8.0	M16x1.5	6	6.8	8.5	63	15	24	BST-Exd-SSFT-M1608BR
M20 x 1.5	3.0-8.0	M20x1.5	6	10	12.5	60	15	24	BST-Exd-SSFT-M2008BR
M20 x 1.5	7.5-12.0	M20x1.5	6	10	12.5	60	15	24	BST-Exd-SSFT-M2012BR
M20 x 1.5	8.7-14.0	M20x1.5	10	9.8	12.3	60	15	27	BST-Exd-SSFT-M2014BR
M25 x 1.5	9.0-15.0	M25x1.5	21	13.4	16.8	68	15	36	BST-Exd-SSFT-M2515BR
M25 x 1.5	13.0-20.0	M25x1.5	21	13.4	16.8	68	15	36	BST-Exd-SSFT-M2520BR
M32 x 1.5	19.0-26.5	M32x1.5	42	18.9	23.7	68	15	43	BST-Exd-SSFT-M3227BR
M40 x 1.5	25.0-32.5	M40x1.5	60	24.8	31.0	72	15	50	BST-Exd-SSFT-M4033BR
M50 x 1.5	31.0-38.0	M50x1.5	80	30.8	38.5	79	15	55	BST-Exd-SSFT-M5038BR
M50 x 1.5	36.0-44.0	M50x1.5	80	32.8	41.1	82	15	60	BST-Exd-SSFT-M5044BR
M63 x 1.5	41.5-50.0	M63x1.5	100	41.6	52.0	84	15	75	BST-Exd-SSFT-M6350BR
M63 x 1.5	48.0-55.0	M63x1.5	100	41.6	52.0	84	15	75	BST-Exd-SSFT-M6355BR
M75 x 1.5	54.0-62.0	M75x1.5	120	52.3	65.4	83	15	90	BST-Exd-SSFT-M7562BR
M75 x 1.5	61.0-68.0	M75x1.5	120	52.3	65.4	83	15	90	BST-Exd-SSFT-M7568BR
M80 x 2.0	67.0-73.0	M80x2.0	140	56.4	70.5	109	24	96	BST-Exd-SSFT-M8073BR
M90 x 2.0	66.6-80.0	M90x2.0	140	62.9	78.7	110	24	108	BST-Exd-SSFT-M9080BR
M100 x 2.0	76.0-89.0	M100x2.0	200	70.9	88.7	128	24	123	BST-Exd-SSFT-M10089BR
NPT 1/2"	3.0-8.0	NPT 1/2"	6	10	12.5	60	19.9	24	BST-Exd-SSFT-N1208BR
NPT 3/4"	3.0-8.0	NPT 3/4"	6	10	12.5	60	19.9	27	BST-Exd-SSFT-N3408BR
NPT 1/2"	7.5-12.0	NPT 1/2"	6	10	12.5	60	19.9	24	BST-Exd-SSFT-N1212BR
NPT 3/4"	7.5-12.0	NPT 3/4"	6	10	12.5	60	19.9	27	BST-Exd-SSFT-N3412BR
NPT 1/2"	8.7-14.0	NPT 1/2"	10	9.8	12.3	60	19.9	27	BST-Exd-SSFT-N1214BR
NPT 3/4"	8.7-14.0	NPT 3/4"	10	9.8	12.3	60	19.9	27	BST-Exd-SSFT-N3414BR
NPT 3/4"	9.0-15.0	NPT 3/4"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N3415BR
NPT 3/4"	13.0-20.0	NPT 3/4"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N3420BR
NPT 1"	9.0-15.0	NPT 1"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N10015BR
NPT 1"	13.0-20.0	NPT 1"	21	13.4	16.8	68	20.2	36	BST-Exd-SSFT-N10020BR
NPT 1"	19.0-26.5	NPT 1"	42	19.0	23.7	68	25.0	43	BST-Exd-SSFT-N10027BR
NPT 1 1/4"	19.0-26.5	NPT 1 1/4"	42	19.0	23.7	68	25.0	43	BST-Exd-SSFT-N11427BR
NPT 1 1/4"	25.0-32.5	NPT 1 1/4"	60	24.8	31.0	72	25.6	50	BST-Exd-SSFT-N11433BR
NPT 1 1/2"	25.0-32.5	NPT 1 1/4"	60	24.8	31.0	72	25.6	50	BST-Exd-SSFT-N11233BR
NPT 2"	31.0-38.0	NPT 2"	80	30.8	38.5	79	26.1	70	BST-Exd-SSFT-N20038BR
NPT 2"	35.6-44.0	NPT 2"	80	32.9	41.1	82	26.9	70	BST-Exd-SSFT-N20044BR
NPT 2 1/2"	35.6-44.0	NPT 2 1/2"	80	32.9	41.1	82	26.9	80	BST-Exd-SSFT-N21244BR
NPT 2 1/2"	41.5-50.0	NPT 2 1/2"	100	41.6	52	84	26.9	80	BST-Exd-SSFT-N21250BR
NPT 2 1/2"	48.0-55.0	NPT 2 1/2"	100	41.6	52	84	39.9	80	BST-Exd-SSFT-N21255BR
NPT 3"	48.0-55.0	NPT 3"	100	41.6	65.4	84	39.9	96	BST-Exd-SSFT-N30055BR
NPT 3"	54.0-62.0	NPT 3"	120	52.3	65.4	83	39.9	96	BST-Exd-SSFT-N30062BR
NPT 3"	61.0-68.0	NPT 3"	120	52.3	65.4	83	41.5	96	BST-Exd-SSFT-N30068BR
NPT 3 1/2"	61.0-68.0	NPT 3 1/2"	120	52.3	70.5	83	41.5	108	BST-Exd-SSFT-N31268BR
NPT 3"	67.0-73.0	NPT 3"	140	56.4	70.5	113	41.5	96	BST-Exd-SSFT-N30073BR
NPT 3 1/2"	67.0-73.0	NPT 3 1/2"	140	56.4	70.5	113	41.5	108	BST-Exd-SSFT-N31273BR
NPT 3 1/2"	66.6-80.0	NPT 3 1/2"	140	63.0	78.7	114	42.8	108	BST-Exd-SSFT-N31280BR
NPT 4"	66.6-80.0	NPT 4"	140	63.0	78.8	114	42.8	123	BST-Exd-SSFT-N40080BR
NPT 3 1/2"	76.0-89.0	NPT 3 1/2"	200	71.0	88.7	132	42.8	123	BST-Exd-SSFT-N31289BR
NPT 4"	76.0-89.0	NPT 4"	200	71.0	88.7	132	42.8	123	BST-Exd-SSFT-N40089BR

隔爆电缆固定头（单密封带填料带挠线管）安装作业指导书
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BEISIT

在开始安装前，请仔细阅读所有说明。
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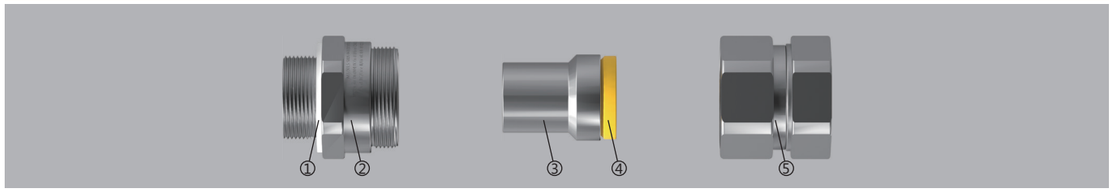


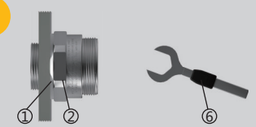
1

Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
M1608	19mm	M2520BR	20mm	M5044	27mm	M7568	27mm
M2008	16mm	M3227BR	21mm	M6350	28mm	M8073	34mm
M2012	16mm	M4033BR	21mm	M6355	28mm	M9080	34mm
M2014	16mm	M5038BR	24mm	M7562	27mm	M10089	60mm

剥掉电缆外护层露出内部电缆芯轴（外护层长度=端子离箱体外侧长度+上表剥线长度），将电缆芯轴的绝缘层清理干净。如果电缆芯上有耐油绵纸，也应该被拆成一根根单一的芯轴，使用绝缘胶带将芯线末端捆扎在一起。

Strip off the outer sheath of cable to expose the inner cable cores. (Outer cutting sheath Length = Distance from the terminal to the outer plate of box + Length of naked wire indicated in the table below)And then clean the insulation layer of cable cores.
If there`s oil resistance cotton paper wrapped around cable cores, it should be disassembled into single one, bundle cable cores bottom with insulated tapes finally.

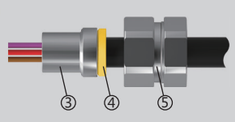
2



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑦将主体②拧紧至安装扭力。

Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑦ to the standard installation torque.

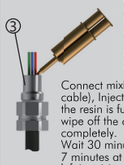
3



将电缆末端依次穿过迫紧螺帽⑤和填料筒③，直至外护层超过防水圈④，拆除芯轴末端的绝缘胶带,将其竖直固定在装置上。

Pass the end of cable through sealing nut⑤ and filling cylinder③ in turn, until outer insulation layer exceeds seal④, strip off insulating tape at the bottom of cable cores, fix it in cylinder vertically.

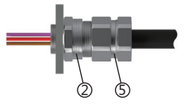
4



接上混合喷嘴（小型多芯电缆使用延长喷嘴），将树脂注入填料筒中③，确保树脂一直填满到填料筒的底部，擦去溢出的树脂,等待树脂从液体初步凝固。0℃环境下需要30分钟 / 10℃环境下需要15分钟 /20℃环境下需要7分钟/30℃环境下需要5 分钟如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。

Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder③, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0℃ / Wait 15 minutes at 10℃ / Wait 7 minutes at 20℃ / Wait 5 minutes at 30℃If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.

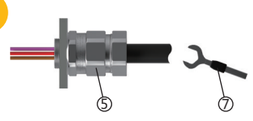
5



将填料筒③塞进主体②,旋紧迫紧螺帽⑤。

Insert the filling cylinder③ into the body②, tighten the sealing nut⑤.

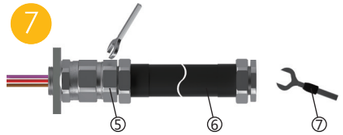
6



使用扭力扳手⑦拧紧迫紧螺帽⑤至标准安装扭力,使密封件夹紧电缆达到密封和紧固效果。

Tighten the sealing nut⑤by the spanner⑦to the standard installation torque, make seal clamp the cable tightly to achieve good sealing and fastening effect.

7



固定迫紧螺帽⑤的活动部位，将挠线管⑥拧紧至迫紧螺帽⑤上。

Fix the movable part of the sealing nut⑤, tighten the flexible tube set⑥ to the sealing nut⑤.

隔爆电缆固定头（铠装双密封）
Armored Double Sealing Exd Cable Gland

BEISIT

→ BST-Exd-DSA系列 Series

IECEx ATEX CCC RoHS REACH

设计规范 Design Specification:	IEC62444,EN62444
符合标准 Standards:	IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31; EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31 GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用范围 Application Scope:	适用于气体1、2区；粉尘20、21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
适用电缆类型 Cable Type:	单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.
工作温度 Operating Temperature:	-60℃-130℃
认证测试温度 Certificate Testing Temperature:	-65℃-150℃
进线处防护等级 IP Rating:	IP66/IP68(10m 8h)

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex nR ⅡC Gc Ex ta ⅢC Da IP66/IP68 Ex db Ⅰ Mb Ex eb Ⅰ Mb	CCC证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db
ATEX证书 Certificate	Ⅰ M2 Ex db Ⅰ Mb/Ex eb Ⅰ Mb Ⅱ 2 G Ex db ⅡC Gb/Ex eb ⅡC Gb Ⅱ 1 D Ex ta ⅢC Da IP66/1P68 Ⅱ 3 G Ex nR ⅡC Gc	防爆合格证 Explosion-proof Certificate	Ex db ⅡC Gb/Ex tb ⅢC Db IP66/68(10m.8h)

技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

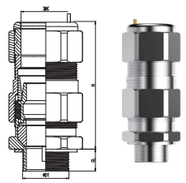
产品FAB The FAB of the Product

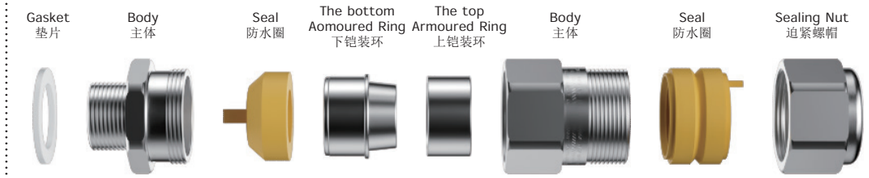
特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（铠装双密封）
Armored Double Sealing Exd Cable Gland

BST-Exd-DSA系列 Series

IECEx ATEX CCC RoHS REACH



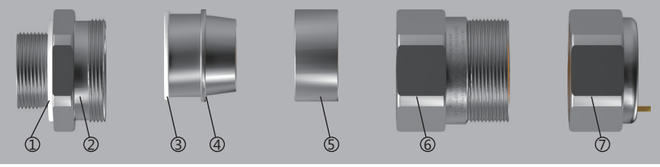


订货数据 Ordering Data

规格 Specs ∅D1	Dia.Of Outer Sheath	Dia.Of Inner Sheath	Armoured Range Min.	Armoured Range Max.	H mm	GL mm	mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	15	27	BST-Exd-DSA-M1613BR
M20 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	15	27	BST-Exd-DSA-M2013BR
M20 x 1.5	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	65	15	27	BST-Exd-DSA-M2016BR
M20 x 1.5	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	68	15	30	BST-Exd-DSA-M2021BR
M25 x 1.5	14.0-22.0	9.0-15.0	0.0-0.7	1.25-1.6	84	15	38	BST-Exd-DSA-M2522BR
M25 x 1.5	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	84	15	38	BST-Exd-DSA-M2526BR
M32 x 1.5	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	87	15	46	BST-Exd-DSA-M3234BR
M40 x 1.5	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	90	15	55	BST-Exd-DSA-M4041BR
M50 x 1.5	35.2-47.0	36.0-44.0	0.0-1.0	1.8-2.5	100	15	65	BST-Exd-DSA-M5047BR
M50 x 1.5	43.0-53.0	36.0-44.0	0.0-1.0	1.8-2.5	100	15	65	BST-Exd-DSA-M5053BR
M63 x 1.5	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	103	15	80	BST-Exd-DSA-M6359BR
M63 x 1.5	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	103	15	80	BST-Exd-DSA-M6366BR
M75 x 1.5	59.0-72.0	54.0-62.0	0.0-1.0	1.8-2.5	105	15	95	BST-Exd-DSA-M7572BR
M75 x 1.5	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	105	15	95	BST-Exd-DSA-M7579BR
M80 x 2.0	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	123	24	102	BST-Exd-DSA-M8080BR
M90 x 2.0	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	124	24	114	BST-Exd-DSA-M9091BR
M100 x 2.0	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	140	24	127	BST-Exd-DSA-M100105BR
NPT 1/2"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N1213BR
NPT 3/4"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N3413BR
NPT 1/2"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N1216BR
NPT 3/4"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	65	19.9	27	BST-Exd-DSA-N3416BR
NPT 1/2"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	68	19.9	30	BST-Exd-DSA-N1221BR
NPT 3/4"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	68	19.9	30	BST-Exd-DSA-N3421BR
NPT 3/4"	14.0-22.0	9.0-15.0	0.0-0.7	1.25-1.6	82	20.2	38	BST-Exd-DSA-N3422BR
NPT 3/4"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	82	20.2	38	BST-Exd-DSA-N3426BR
NPT 1"	14.0-22.0	9.0-15.0	0.0-0.7	1.25-1.6	82	20.2	38	BST-Exd-DSA-N10022BR
NPT 1"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	82	20.2	38	BST-Exd-DSA-N10026BR
NPT 1"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	84	25.0	46	BST-Exd-DSA-N10034BR
NPT 1 1/4"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	84	25.0	46	BST-Exd-DSA-N11434BR
NPT 1 1/4"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	88	25.6	55	BST-Exd-DSA-N11441BR
NPT 1 1/2"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	88	25.6	55	BST-Exd-DSA-N11241BR
NPT 2"	35.2-47.0	35.6-44.0	0.0-1.0	1.8-2.5	95	26.1	70	BST-Exd-DSA-N20047BR
NPT 2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	95	26.9	70	BST-Exd-DSA-N20053BR
NPT 2 1/2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	95	26.9	80	BST-Exd-DSA-N21253BR
NPT 2 1/2"	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	101	26.9	80	BST-Exd-DSA-N21259BR
NPT 2 1/2"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	101	39.9	80	BST-Exd-DSA-N21266BR
NPT 3"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	101	39.9	96	BST-Exd-DSA-N30066BR
NPT 3"	59.0-72.0	54.0-67.0	0.0-1.0	1.8-2.5	105	39.9	96	BST-Exd-DSA-N30072BR
NPT 3"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	105	41.5	96	BST-Exd-DSA-N30079BR
NPT 3 1/2"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	105	41.5	108	BST-Exd-DSA-N31279BR
NPT 3"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	123	41.5	102	BST-Exd-DSA-N30080BR
NPT 3 1/2"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	123	41.5	108	BST-Exd-DSA-N31280BR
NPT 3 1/2"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	124	42.8	114	BST-Exd-DSA-N31291BR
NPT 4"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	124	42.8	123	BST-Exd-DSA-N40091BR
NPT 3 1/2"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	140	42.8	127	BST-Exd-DSA-N312105BR
NPT 4"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	140	42.8	127	BST-Exd-DSA-N400105BR

隔爆电缆固定头（铠装双密封）安装作业指导书
Armored Double Sealing Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



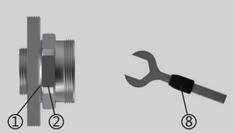
1

Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm

如有需要，在电缆外护层上安装护套；根据箱体的大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度"L"与上表一致。如果电缆芯上有耐油绝纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath and armoured layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in the table. If there`s oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.

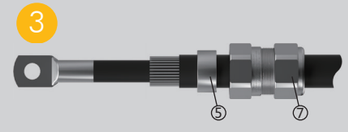
2



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑧ to the standard installation torque.

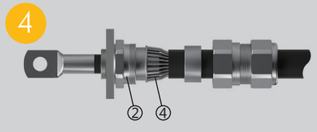
3



确保迫帽⑦是松开的，将电缆穿过组件"A"和上铠装环⑤。注意：电缆为最大线径时，上铠装环⑤只能通过铠装层。

Guarantee that the sealing nut⑦ is loose, pass the cable through assembly "A" and top armored ring ⑤.
Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.

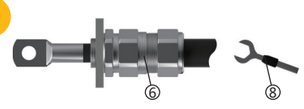
4



将下铠装环④装至到主体②上，将电缆内护层穿过主体直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install bottom armored ring④ into body②, pass cable cores through body until the armored layer connect conical surface of bottom armored ring④ completely, press the steel wire evenly around the conical surface.

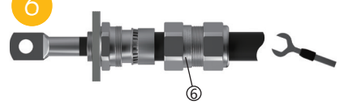
5



保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力,用扭力扳手⑧进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body⑥ until strong resistance is felt, tighten further body⑥ by torque spanner⑧ to make the bottom and top armored rings press steel wires tightly.

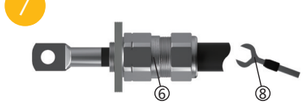
6



拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。

Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.

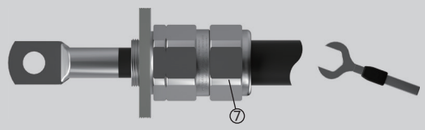
7



用扭力扳手⑧将主体⑥重新拧紧至标准安装扭力，达到密封和紧固的效果。

Screw body⑥by the spanner⑧in terms of the standard installation torque to achieve good sealing and fastening effects.

8



拧紧迫紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。

Tighten sealing nut⑦ to make connection between seal and outer sheath of cable, to achieve good additional sealing and fastening effects.

隔爆电缆固定头（铠装双密封双锁紧）
Armored Double-sealing Centric Strain Relief Exd Cable Gland

→ BST-Exd-DSAC系列 Series

IEC Ex ATEX CCC RoHS REACH

设计规范 Design Specification: IEC62444,EN62444

符合标准 Standards: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31

适用范围 Application Scope: 适用于气体1、2区；粉尘20、21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22

适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

工作温度 Operating Temperature: -60℃-130℃

认证测试温度 Certificate Testing Temperature: -65℃-150℃

进线处防护等级 IP Rating: IP66/IP68(10m 8h)

认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex nR IIC Gc Ex ta IIIC Da IP66/IP68 Ex db I Mb Ex eb I Mb	CCC证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	I M2 Ex db I Mb/Ex eb I Mb II 2 G Ex db IIC Gb/Ex eb IIC Gb II 1 D Ex ta IIIC Da IP66/1P68 II 3 G Ex nR IIC Gc	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb/Ex tb IIIC Db IP66/68(10m.8h)

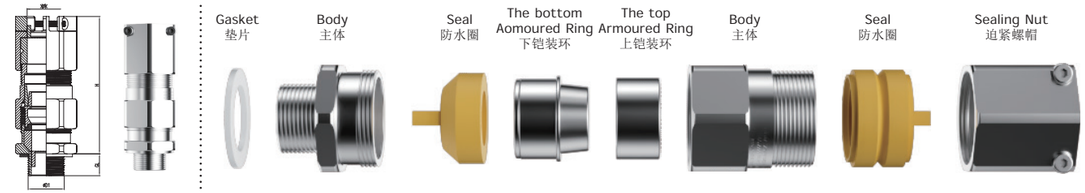
技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

产品FAB The FAB of the Product

特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（铠装双密封双锁紧）
Armored Double-sealing Centric Strain Relief Exd Cable Gland
→ BST-Exd-DSAC系列 Series

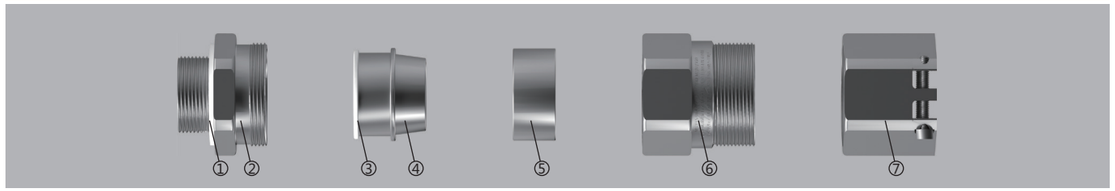


订货数据 Ordering Data

规格 Specs ØD1	Dia.Of Outer Sheath	Dia.Of Inner Sheath	Armoured Range Min.	Armoured Range Max.	H mm	GL mm	mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	15	27	BST-Exd-DSAC-M1613BR
M20 x 1.5	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	15	27	BST-Exd-DSAC-M2013BR
M20 x 1.5	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	73	15	27	BST-Exd-DSAC-M2016BR
M20 x 1.5	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	76	15	30	BST-Exd-DSAC-M2021BR
M25 x 1.5	14.0-22.0	9.0-15.0	0.0-0.7	1.25-1.6	94	15	38	BST-Exd-DSAC-M2522BR
M25 x 1.5	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	94	15	38	BST-Exd-DSAC-M2526BR
M32 x 1.5	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	97	15	46	BST-Exd-DSAC-M3234BR
M40 x 1.5	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	100	15	55	BST-Exd-DSAC-M4041BR
M50 x 1.5	35.2-47.0	31.0-38.0	0.0-1.0	1.8-2.5	110	15	65	BST-Exd-DSAC-M5047BR
M50 x 1.5	43.0-53.0	36.0-44.0	0.0-1.0	1.8-2.5	110	15	65	BST-Exd-DSAC-M5053BR
M63 x 1.5	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	113	15	80	BST-Exd-DSAC-M6359BR
M63 x 1.5	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	113	15	80	BST-Exd-DSAC-M6366BR
M75 x 1.5	59.0-72.0	54.0-62.0	0.0-1.0	1.8-2.5	117	15	95	BST-Exd-DSAC-M7572BR
M75 x 1.5	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	117	15	95	BST-Exd-DSAC-M7579BR
M80 x 2.0	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	135	24	102	BST-Exd-DSAC-M8080BR
M90 x 2.0	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	136	24	114	BST-Exd-DSAC-M9091BR
M100 x 2.0	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	152	24	127	BST-Exd-DSAC-M100105BR
NPT 1/2"	6.0-13.0	3.0-8.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N1213BR
NPT 1/2"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N1216BR
NPT 3/4"	9.5-16.0	7.5-12.0	0.0-0.7	0.9-1.25	73	19.9	27	BST-Exd-DSAC-N3416BR
NPT 1/2"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	76	19.9	30	BST-Exd-DSAC-N1221BR
NPT 3/4"	12.5-21.0	8.7-14.0	0.0-0.7	0.9-1.25	76	19.9	30	BST-Exd-DSAC-N3421BR
NPT 3/4"	14.0-22.0	9.0-15.0	0.0-0.7	1.25-1.6	94	20.2	38	BST-Exd-DSAC-N3422BR
NPT 3/4"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	94	20.2	38	BST-Exd-DSAC-N3426BR
NPT 1"	14.0-22.0	9.0-15.0	0.0-0.7	1.25-1.6	94	20.2	38	BST-Exd-DSAC-N10022BR
NPT 1"	18.0-26.0	13.0-20.0	0.0-0.7	1.25-1.6	94	20.2	38	BST-Exd-DSAC-N10026BR
NPT 1"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	97	25.0	46	BST-Exd-DSAC-N10034BR
NPT 1 1/4"	23.0-34.0	19.0-26.5	0.0-0.7	1.6-2.0	97	25.0	46	BST-Exd-DSAC-N11434BR
NPT 1 1/4"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	100	25.6	55	BST-Exd-DSAC-N11441BR
NPT 1 1/2"	28.0-41.0	25.0-32.5	0.0-0.7	1.6-2.0	100	25.6	55	BST-Exd-DSAC-N11241BR
NPT 2"	35.2-47.0	31.0-38.0	0.0-1.0	1.8-2.5	110	26.1	70	BST-Exd-DSAC-N20047BR
NPT 2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	110	26.9	70	BST-Exd-DSAC-N20053BR
NPT 2 1/2"	43.0-53.0	35.6-44.0	0.0-1.0	1.8-2.5	110	26.9	80	BST-Exd-DSAC-N21253BR
NPT 2 1/2"	45.6-59.4	41.5-50.0	0.0-1.0	1.8-2.5	113	26.9	80	BST-Exd-DSAC-N21259BR
NPT 2 1/2"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	113	39.9	80	BST-Exd-DSAC-N21266BR
NPT 3"	54.6-66.0	48.0-55.0	0.0-1.0	1.8-2.5	113	39.9	96	BST-Exd-DSAC-N30066BR
NPT 3"	59.0-72.0	54.0-67.0	0.0-1.0	1.8-2.5	117	39.9	96	BST-Exd-DSAC-N30072BR
NPT 3"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	117	41.5	96	BST-Exd-DSAC-N30079BR
NPT 3 1/2"	66.7-79.0	61.0-68.0	0.0-1.0	1.8-2.5	117	41.5	108	BST-Exd-DSAC-N31279BR
NPT 3"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	135	41.5	102	BST-Exd-DSAC-N30080BR
NPT 3 1/2"	65.0-80.0	67.0-73.0	0.0-1.0	1.8-2.5	135	41.5	108	BST-Exd-DSAC-N31280BR
NPT 3 1/2"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	136	42.8	114	BST-Exd-DSAC-N31291BR
NPT 4"	75.0-91.0	66.6-80.0	0.0-1.0	1.8-2.5	136	42.8	123	BST-Exd-DSAC-N40091BR
NPT 3 1/2"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	152	42.8	127	BST-Exd-DSAC-N312105BR
NPT 4"	88.0-105.0	76.0-89.0	0.0-1.0	1.8-2.5	152	42.8	127	BST-Exd-DSAC-N400105BR

隔爆电缆固定头（铠装双密封双锁紧）安装作业指导书
Armored Double-sealing Centric Strain Relief Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



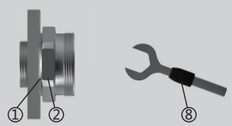
1

Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm

如有需要，在电缆外护层上安装护套；根据箱体的大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度"L"与上表一致。如果电缆芯上有耐油绝纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath and armoured layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in the table. If there`s oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.

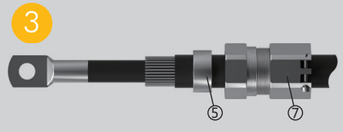
2



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑧ to the standard installation torque.

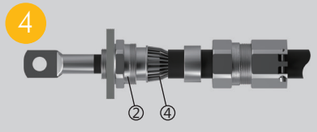
3



确保迫帽⑦是松开的，将电缆穿过组件"A"和上铠装环⑤。注意：电缆为最大线径时，上铠装环⑤只能通过铠装层。

Guarantee that the sealing nut⑦ is loose, pass the cable through assembly "A" and top armored ring ⑤.
Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.

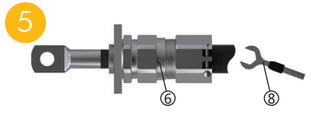
4



将下铠装环④装至到主体②上，将电缆内护层穿过主体直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install bottom armored ring④ into body②, pass cable cores through body until the armored layer connect conical surface of bottom armored ring④ completely, press the steel wire evenly around the conical surface.

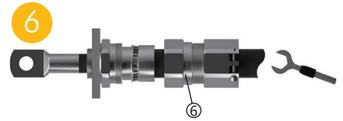
5



保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力,用扭力扳手⑧进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body⑥ until strong resistance is felt, tighten further body⑥ by torque spanner⑧ to make the bottom and top armored rings press steel wires tightly.

6



拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。

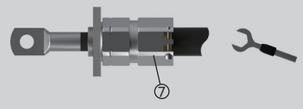
Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.

7

用扭力扳手⑧将主体⑥重新拧紧至标准安装扭力，达到密封和紧固的效果。

Screw body⑥by the spanner⑧in terms of the standard installation torque to achieve good sealing and fastening effects.

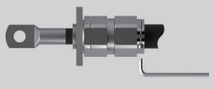
8



拧紧迫紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。

Tighten sealing nut⑦ to make connection between seal and outer sheath of cable, to achieve good additional sealing and fastening effects.

9



将螺栓旋紧,对电缆外护层达到更高级别的电缆锁紧力。

Tighten bolts to achieve higher-level locking effects of cable sheath.

隔爆电缆固定头（铠装单密封带填料）
Armored Single Sealing with Barrier Exd Cable Gland

→ BST-Exd-SSFA系列 Series

IECEx ATEX CCC RoHS REACH

设计规范 Design Specification:	IEC62444,EN62444
符合标准 Standards:	IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31; EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31 GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用范围 Application Scope:	适用于气体1、2区；粉尘20、21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
适用电缆类型 Cable Type:	单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆 Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.
工作温度 Operating Temperature:	-60℃-130℃
认证测试温度 Certificate Testing Temperature:	-65℃-150℃
进线处防护等级 IP Rating:	IP66/IP68(10m 8h)

认证证书 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex nR IIC Gc Ex ta IIIC Da IP66/IP68 Ex db I Mb Ex eb I Mb	CCC证书 Certificate	Ex db II C Gb Ex eb II C Gb Ex tb IIIC Db
ATEX证书 Certificate	I M2 Ex db I Mb/Ex eb I Mb II 2 G Ex db II C Gb/Ex eb II C Gb II 1 D Ex ta IIIC Da IP66/1P68 II 3 G Ex nR II C Gc	防爆合格证 Explosion-proof Certificate	Ex db II C Gb/Ex tb IIIC Db IP66/68(10m.8h)

技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

产品FAB The FAB of the Product

特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

隔爆电缆固定头（铠装单密封带填料）
Armored Single Sealing with Barrier Exd Cable Gland

BEISIT

BST-Exd-SSFA系列 Series

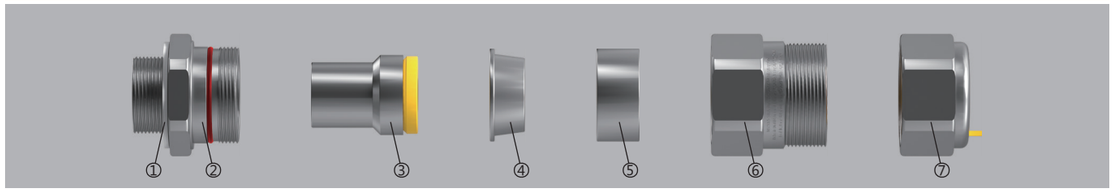
IECEx ATEX RoHS REACH

订货数据 Ordering Data

规格 Specs ØD1	O.D.of Cable	Cable Core Qty	Max.Dia.of Over Cores	Armoured Range Min.	Armoured Range Max.	E mm	H mm	GL mm	mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	6.0-13.0	6	6.8	0.0-0.7	0.9-1.25	8.5	69	15	27	BST-Exd-SSFA-M1613BR
M20 x 1.5	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	66	15	27	BST-Exd-SSFA-M2013BR
M20 x 1.5	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	66	15	27	BST-Exd-SSFA-M2016BR
M20 x 1.5	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	65	15	30	BST-Exd-SSFA-M2021BR
M25 x 1.5	14.0-22.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	15	38	BST-Exd-SSFA-M2522BR
M25 x 1.5	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	15	38	BST-Exd-SSFA-M2526BR
M32 x 1.5	23.0-34.0	42	18.9	0.0-0.7	1.6-2.0	23.7	84	15	46	BST-Exd-SSFA-M3234BR
M40 x 1.5	28.0-41.0	60	24.8	0.0-0.7	1.8-2.5	31.0	88	15	55	BST-Exd-SSFA-M4041BR
M50 x 1.5	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	95	15	65	BST-Exd-SSFA-M5047BR
M50 x 1.5	43.0-53.0	80	32.8	0.0-1.0	1.8-2.5	41.1	95	15	65	BST-Exd-SSFA-M5053BR
M63 x 1.5	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52.0	101	15	80	BST-Exd-SSFA-M6359BR
M63 x 1.5	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52.0	101	15	80	BST-Exd-SSFA-M6366BR
M75 x 1.5	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	15	95	BST-Exd-SSFA-M7572BR
M75 x 1.5	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	15	95	BST-Exd-SSFA-M7579BR
M80 x 2.0	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	118	24	102	BST-Exd-SSFA-M8080BR
M90 x 2.0	75.0-91.0	140	62.9	0.0-1.0	1.8-2.5	78.7	116	24	114	BST-Exd-SSFA-M9091BR
M100 x 2.0	88.0-105.0	200	70.9	0.0-1.0	1.8-2.5	88.7	130	24	127	BST-Exd-SSFA-M100105BR
NPT 1/2"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	27	BST-Exd-SSFA-N1213BR
NPT 3/4"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	27	BST-Exd-SSFA-N3413BR
NPT 1/2"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	27	BST-Exd-SSFA-N1216BR
NPT 3/4"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	66	19.9	7	BST-Exd-SSFA-N3416BR
NPT 1/2"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	65	19.9	30	BST-Exd-SSFA-N1221BR
NPT 3/4"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	65	19.9	30	BST-Exd-SSFA-N3421BR
NPT 3/4"	14.0-22.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	25.0	46	BST-Exd-SSFA-N3422BR
NPT 3/4"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	20.2	38	BST-Exd-SSFA-N3426BR
NPT 1"	14.0-22.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	25.0	46	BST-Exd-SSFA-N10022BR
NPT 1"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	82	20.2	38	BST-Exd-SSFA-N10026BR
NPT 1"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	84	25.0	46	BST-Exd-SSFA-N10034BR
NPT 1 1/4"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	84	25.0	46	BST-Exd-SSFA-N11434BR
NPT 1 1/4"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	88	25.6	55	BST-Exd-SSFA-N11441BR
NPT 1 1/2"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	88	25.6	55	BST-Exd-SSFA-N11241BR
NPT 2"	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	95	26.1	70	BST-Exd-SSFA-N20047BR
NPT 2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	95	26.9	70	BST-Exd-SSFA-N20053BR
NPT 2 1/2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	95	26.9	80	BST-Exd-SSFA-N21253BR
NPT 2 1/2"	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52	101	26.9	80	BST-Exd-SSFA-N21259BR
NPT 2 1/2"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52	101	39.9	80	BST-Exd-SSFA-N21266BR
NPT 3"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	65.4	101	39.9	96	BST-Exd-SSFA-N30066BR
NPT 3"	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	39.9	96	BST-Exd-SSFA-N30072BR
NPT 3"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	103	41.5	96	BST-Exd-SSFA-N30079BR
NPT 3 1/2"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	70.5	103	41.5	108	BST-Exd-SSFA-N31279BR
NPT 3"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	118	41.5	102	BST-Exd-SSFA-N30080BR
NPT 3 1/2"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	118	41.5	108	BST-Exd-SSFA-N31280BR
NPT 3 1/2"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.7	116	42.8	114	BST-Exd-SSFA-N31291BR
NPT 4"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.8	116	42.8	123	BST-Exd-SSFA-N40091BR
NPT 3 1/2"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	130	42.8	127	BST-Exd-SSFA-N312105BR
NPT 4"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	130	42.8	127	BST-Exd-SSFA-N400105BR

隔爆电缆固定头（铠装单密封带填料）
Armored Single Sealing with Barrier Exd Cable Gland

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



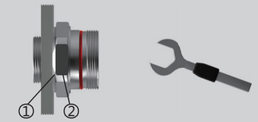
1

Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm

如有需要，在电缆外护层上安装护套；根据箱体的大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度"L"与上表一致。如果电缆芯上有耐油绵纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath and armoured layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in the table. If there`s oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.

2



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

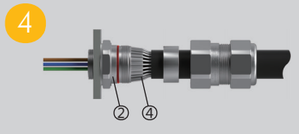
Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑧ in terms of the standard installation torque.

3

确保迫帽⑦是松开的，将电缆穿过组件"A"，上铠装环⑤。注意：电缆为最大线径时，上铠装环只能通过铠装层。

Guarantee that the sealing nut⑦ is loose, pass the cable through assembly "A", top⑤ and bottom armored rings ④.
Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.

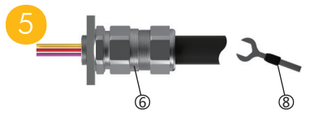
4



将填料筒③安装至主体②上，将电缆内护层穿过填料筒③直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install filling cylinder③ into the body②, pass cable cores through filling cylinder③ until the armored layer connect conical surface of bottom armored ring④ completely, press the steel wire evenly around the conical surface.

5



保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力,用扳手进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body⑥ until strong resistance is felt, tighten further body⑥ by the torque spanner⑧ to make the bottom and top armored rings press steel wires tightly.

6

拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。

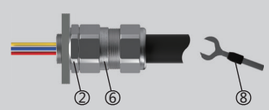
Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.

7

接上混合喷嘴（小型多芯电缆使用延长喷嘴），将树脂注入填料筒中③，确保树脂一直填满到填料筒的底部，擦去溢出的树脂,等待树脂从液体初步凝固。0℃环境下需要30分钟 / 10℃环境下需要15分钟 /20℃环境下需要7分钟/30℃环境下需要5 分钟如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。

Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder③, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0℃ / Wait 15 minutes at 10℃ / Wait 7 minutes at 20℃ / Wait 5 minutes at 30℃If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.

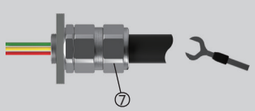
8



将填料筒③塞进主体②，旋紧主体⑥，再使用扭力扳手⑧将主体⑥拧紧至标准安装扭力，达到密封和紧固效果。

Insert the filling cylinder③ into the body②, Tighten the body⑥by the spanner⑧ to standard installation torque, make body clamp the filling cylinder tightly to achieve good sealing and fastening effect.

9



拧紧迫紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。

Tighten sealing nut⑦ to make connection between seal and outer sheath of cable,to achieve good additional sealing and fastening effects.

隔爆电缆固定头（铠装单密封双锁紧带填料）
Armored Single Sealing Double-locking with Barrier Exd Cable Gland

→ BST-Exd-SFAC系列 Series

IEC ATEX CCC RoHS REACH

设计规范 Design Specification: IEC62444,EN62444

符合标准 Standards: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31

适用范围 Application Scope: 适用于气体1、2区；粉尘20、21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22

适用电缆类型 Cable Type: 单线钢丝铠装、铝线铠装、钢带铠装、编织铠装、铝带铠装、柔性线铠装、软屏蔽、线编织等铠装电缆
Single Wire Armoured Cable, Aluminum Wire Armoured Cable, Steel-tape Armoured Cable, Braided Armoured Cable, Aluminum-tape Armoured Cable, Flexible Wire Armoured Cable, Soft-Shielding Armoured Cable, Braided Armoured Cable and etc.

工作温度 Operating Temperature: -60℃-130℃

认证测试温度 Certificate Testing Temperature: -65℃-150℃

进线处防护等级 IP Rating: IP66/IP68(10m 8h)

认证证书 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex nR IIC Gc Ex ta IIIC Da IP66/IP68 Ex db I Mb Ex eb I Mb	CCC证书 Certificate	Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	I M2 Ex db I Mb/Ex eb I Mb II 2 G Ex db IIC Gb/Ex eb IIC Gb II 1 D Ex ta IIIC Da IP66/1P68 II 3 G Ex nR IIC Gc	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb/Ex tb IIIC Db IP66/68(10m.8h)

技术数据 Technical Data

螺纹规格 Thread Size	M16-M100、NPT 1/2"-NPT 4"
材质 Material	黄铜镀镍、不锈钢 Nickel-plated Brass, Stainless Steel (304, 316, 316L)
拉力测试 Tensile Test	承重测试直径20倍（100%拉力） Load-bearing Test: 20 Times The Diameter (100% Tensile Force)
静压 Hydrostatic Test	静压测试 Hydrostatic Test 30bar

产品FAB The FAB of the Product

特点 Feature	防呆结构设计 Foolproof structural design. 同一种规格型号，统一的扳手位尺寸 The same specification and model, unified wrench position size. 可承重电缆直径20倍100%拉力 Can bear 20 times the cable diameter 100% tension. 静压可承受30bar压力 Static pressure can withstand 30bar pressure.
优点 Advantage	产品规格齐全 The product comes in a wide range of specifications (M16-M100、NPT1/2"~NPT4") 证书齐全：IECEx、ATEX、CCC、防爆合格证 Complete certificates: IECEx, ATEX, CCC, explosion-proof certificate. 可正常应用在-60℃的极低温区域 It can be normally used in extremely low - temperature areas of - 60℃. 可正常应用在+130℃的极高温区域 It can be normally used in extremely high - temperature areas of + 130℃. 实验测试温度：-65℃~+150℃ The experimental test temperature ranges from - 65℃ to +150℃. 可在水下10米,正常使用8小时 It can be used normally underwater at a depth of 10 meters for 8 hours.
价值 Benefit	可带挠线管结构的隔爆电缆固定头自带活接头功能，降低采购成本，客户可不再采购防爆活接头，同时现场施工可提高20%效率 The explosion-proof cable gland with flexible pipe structure has a self-contained flexible joint function, which reduces the procurement cost. Customers no longer need to purchase explosion-proof flexible cable gland. At the same time, the on-site construction efficiency can be increased by 20%. 产品适用于冷流型电缆，具有防冷流功能 The product is suitable for cold flow type cables and has anti-cold flow function.

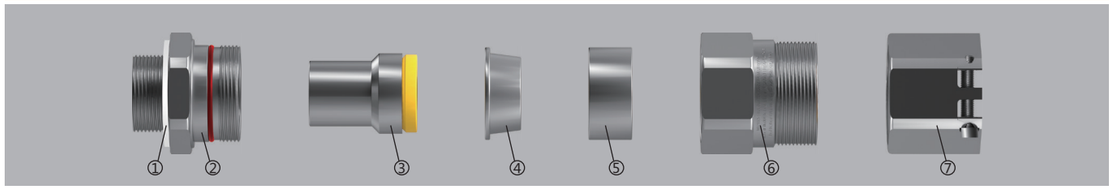
隔爆电缆固定头（铠装单密封双锁紧带填料）
Armored Single Sealing Double-locking with Barrier Exd Cable Gland
→ BST-Exd-SFAC系列 Series

订货数据 Ordering Data

规格 Specs ØD1	O.D.of Cable	Cable Core Qty	Max.Dia.of Over Cores	Armoured Range Min.	Armoured Range Max.	E mm	H mm	GL mm	mm	订货号 Order no (BR-黄铜镀镍、SS-304、SA-316、SB-316L)
M16 x 1.5	6.0-13.0	6	6.8	0.0-0.7	0.9-1.25	8.5	77	15	27	BST-Exd-SFAC-M1613BR
M20 x 1.5	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	74	15	27	BST-Exd-SFAC-M2013BR
M20 x 1.5	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	74	15	27	BST-Exd-SFAC-M2016BR
M20 x 1.5	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	73	15	30	BST-Exd-SFAC-M2021BR
M25 x 1.5	14.0-22.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	15	30	BST-Exd-SFAC-M2522BR
M25 x 1.5	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	15	38	BST-Exd-SFAC-M2526BR
M32 x 1.5	23.0-34.0	42	18.9	0.0-0.7	1.6-2.0	23.7	94	15	46	BST-Exd-SFAC-M3234BR
M40 x 1.5	28.0-41.0	60	24.8	0.0-0.7	1.8-2.5	31.0	98	15	55	BST-Exd-SFAC-M4041BR
M50 x 1.5	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	105	15	65	BST-Exd-SFAC-M5047BR
M50 x 1.5	43.0-53.0	80	32.8	0.0-1.0	1.8-2.5	41.1	105	15	65	BST-Exd-SFAC-M5053BR
M63 x 1.5	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52.0	111	15	80	BST-Exd-SFAC-M6359BR
M63 x 1.5	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52.0	111	15	80	BST-Exd-SFAC-M6366BR
M75 x 1.5	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	15	95	BST-Exd-SFAC-M7572BR
M75 x 1.5	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	15	95	BST-Exd-SFAC-M7579BR
M80 x 2.0	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	130	24	102	BST-Exd-SFAC-M8080BR
M90 x 2.0	75.0-91.0	140	62.9	0.0-1.0	1.8-2.5	78.7	128	24	114	BST-Exd-SFAC-M9091BR
M100 x 2.0	88.0-105.0	200	70.9	0.0-1.0	1.8-2.5	88.7	142	24	127	BST-Exd-SFAC-M100105BR
NPT 1/2"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	27	BST-Exd-SFAC-N1213BR
NPT 3/4"	6.0-13.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	27	BST-Exd-SFAC-N3413BR
NPT 1/2"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	27	BST-Exd-SFAC-N1216BR
NPT 3/4"	9.5-16.0	6	10	0.0-0.7	0.9-1.25	12.5	74	19.9	7	BST-Exd-SFAC-N3416BR
NPT 1/2"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	73	19.9	30	BST-Exd-SFAC-N1221BR
NPT 3/4"	12.5-21.0	10	9.8	0.0-0.7	0.9-1.25	12.3	73	19.9	30	BST-Exd-SFAC-N3421BR
NPT 3/4"	14.0-22.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	20.2	38	BST-Exd-SFAC-N3422BR
NPT 3/4"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	20.2	38	BST-Exd-SFAC-N3426BR
NPT 1"	14.0-22.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	20.2	38	BST-Exd-SFAC-N10022BR
NPT 1"	18.0-26.0	21	13.4	0.0-0.7	1.25-1.6	16.8	92	20.2	38	BST-Exd-SFAC-N10026BR
NPT 1"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	94	25.0	46	BST-Exd-SFAC-N10034BR
NPT 1 1/4"	23.0-34.0	42	19.0	0.0-0.7	1.6-2.0	23.7	94	25.0	46	BST-Exd-SFAC-N11434BR
NPT 1 1/4"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	98	25.6	55	BST-Exd-SFAC-N11441BR
NPT 1 1/2"	28.0-41.0	60	24.8	0.0-0.7	1.6-2.0	31.0	98	25.6	55	BST-Exd-SFAC-N11241BR
NPT 2"	35.2-47.0	80	30.8	0.0-1.0	1.8-2.5	38.5	105	26.1	70	BST-Exd-SFAC-N20047BR
NPT 2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	105	26.9	70	BST-Exd-SFAC-N20053BR
NPT 2 1/2"	43.0-53.0	80	32.9	0.0-1.0	1.8-2.5	41.1	105	26.9	80	BST-Exd-SFAC-N21253BR
NPT 2 1/2"	45.6-59.4	100	41.6	0.0-1.0	1.8-2.5	52	111	26.9	80	BST-Exd-SFAC-N21259BR
NPT 2 1/2"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	52	111	39.9	80	BST-Exd-SFAC-N21266BR
NPT 3"	54.6-66.0	100	41.6	0.0-1.0	1.8-2.5	65.4	111	39.9	96	BST-Exd-SFAC-N30066BR
NPT 3"	59.0-72.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	39.9	96	BST-Exd-SFAC-N30072BR
NPT 3"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	65.4	115	41.5	96	BST-Exd-SFAC-N30079BR
NPT 3 1/2"	66.7-79.0	120	52.3	0.0-1.0	1.8-2.5	70.5	115	41.5	108	BST-Exd-SFAC-N31279BR
NPT 3"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	130	41.5	102	BST-Exd-SFAC-N30080BR
NPT 3 1/2"	65.0-80.0	140	56.4	0.0-1.0	1.8-2.5	70.5	130	41.5	108	BST-Exd-SFAC-N31280BR
NPT 3 1/2"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.7	128	42.8	114	BST-Exd-SFAC-N31291BR
NPT 4"	75.0-91.0	140	63.0	0.0-1.0	1.8-2.5	78.8	128	42.8	123	BST-Exd-SFAC-N40091BR
NPT 3 1/2"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	142	42.8	127	BST-Exd-SFAC-N312105BR
NPT 4"	88.0-105.0	200	71.0	0.0-1.0	1.8-2.5	88.7	142	42.8	127	BST-Exd-SFAC-N400105BR

隔爆电缆固定头（铠装单密封双锁紧带填料）安装作业指导书
Armored Single Sealing Double-locking with Barrier Exd Cable Gland Installation Instructions

在开始安装前，请仔细阅读所有说明。
Please Read All Instructions Carefully Before Installation.



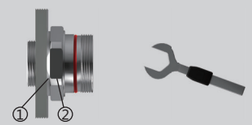
1

Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer	Model	Length of Armored Layer
M1608	14mm	M2520	14mm	M5044	24mm	M7568	26mm
M2008	14mm	M3227	17mm	M6350	26mm	M8073	26mm
M2012	14mm	M4033	17mm	M6355	26mm	M9080	26mm
M2014	14mm	M5038	24mm	M7562	26mm	M10089	28mm

如有需要，在电缆外护层上安装护套；根据箱体的大小，剥掉电缆外护层和铠装层；参考上表再剥掉部分外护层，使露出的钢丝长度"L"与上表一致。如果电缆芯上有耐油绵纸，也应该被拆除，使用绝缘胶带将芯线末端捆扎在一起。

Install sheath again on the outer sheath of cable if necessary. Strip off outer sheath and armoured layer according to enclosure box size. Strip off outer sheath again according to the parameters in the table above, make the exposed length "L" of steel wire consistent with parameters in the table. If there`s oil resistant cotton paper wrapped around cable cores, it should be removed, bundle cable cores bottom with insulated tapes finally.

2



确保垫片①安装到位，将主体②拧入螺纹孔(如果箱体未加工螺纹请使用六角螺母固定)，使用扭力扳手⑧将主体②拧紧至标准安装扭力。

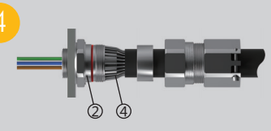
Guarantee that the gasket① is installed in place. Screw the body② into the thread hole. (If there is no thread in the holes, please use lock nuts to fix cable glands.) Tighten the body②by the torque spanner⑧ in terms of the standard installation torque.

3

确保迫帽⑦是松开的，将电缆穿过组件"A"，上铠装环⑤。注意：电缆为最大线径时，上铠装环只能通过铠装层。

Guarantee that the sealing nut⑦ is loose, pass the cable through assembly "A", top⑤ and bottom armored rings ④.
Note: When the cable reach maximum diameter, the top armored ring ⑤ can only pass through the armored layer.

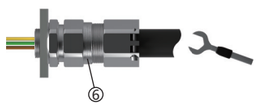
4



将填料筒③安装至主体②上，将电缆内护层穿过填料筒③直到铠装层与下铠装环④锥体贴合，在圆锥面周围均匀的铺上钢丝。

Install filling cylinder③ into the body②, pass cable cores through filling cylinder③ until the armored layer connect conical surface of bottom armored ring④ completely, press the steel wire evenly around the conical surface.

5



保持铠装层与锥面之间的接触，同时用手拧紧主体⑥直到感觉到强烈的阻力,用扳手进一步拧紧主体⑥使上下铠装环压紧钢丝。

Keep connecting between armored layer and conical surface, at the same time, tighten body⑥ until strong resistance is felt, tighten further body⑥ by the torque spanner⑧ to make the bottom and top armored rings press steel wires tightly.

6

拧开主体⑥检查上下铠装环之间的铠装钢丝是否压紧。

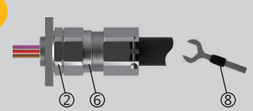
Unscrew body⑥, check whether armored steel wires between bottom and top armored rings has pressed tightly already or not.

7

接上混合喷嘴（小型多芯电缆使用延长喷嘴），将树脂注入填料筒中③，确保树脂一直填满到填料筒的底部，擦去溢出的树脂,等待树脂从液体初步凝固。0℃环境下需要30分钟 / 10℃环境下需要15分钟 /20℃环境下需要7分钟/30℃环境下需要5 分钟如果混合管内有树脂余留，丢弃搅拌喷嘴，将混合管盖子重新盖上以便下次使用。

Connect mixing nozzle (extension nozzle for small multi-core cable), Inject resin into the filling cylinder③, to ensure that the resin is fully filled into the bottom of the filling cylinder, wipe off the overflow resin, wait for the resin to solidify completely.
Wait 30 minutes at 0℃ / Wait 15 minutes at 10℃ / Wait 7 minutes at 20℃ / Wait 5 minutes at 30℃If there is resin left in mixing pipe, discard mixing nozzle and cover mixing pipe again for next use.

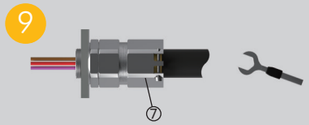
8



将填料筒③塞进主体②，旋紧主体⑥，再使用扭力扳手⑧将主体⑥拧紧至标准安装扭力，达到密封和紧固效果。

Insert the filling cylinder③ into the body②, Tighten the body⑥by the spanner⑧ to standard installation torque, make body clamp the filling cylinder tightly to achieve good sealing and fastening effect.

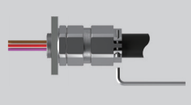
9



拧紧迫紧螺帽⑦使密封件与电缆外护层接触，达到额外的密封和紧固效果。

Tighten sealing nut⑦ to make connection between seal and outer sheath of cable,to achieve good additional sealing and fastening effects.

10



将螺栓旋紧,对电缆外护层达到更高级别的电缆锁紧力。

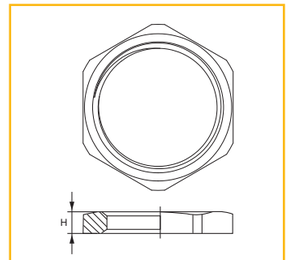
Tighten bolts to achieve higher-level locking effects of cable sheath.

金属六角螺母
Metal LockNuts

→ M

IEC Ex ATEX RoHS REACH

材料 Material: 黄铜镀镍 Nickel-plated Brass
工作温度 Operating Temperature: -60℃ to 200℃



订货数据 Ordering Data

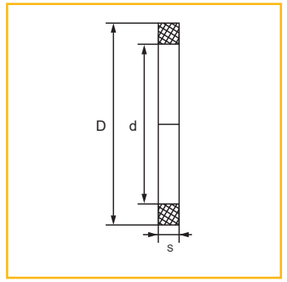
规格 Specs ⌀D1	H mm	mm	订货号 Order no
M16 x 1.5	2.8	19	M16BR-LN
M20 x 1.5	3	23	M20BR-LN
M25 x 1.5	3.5	29	M25BR-LN
M32 x 1.5	4	36	M32BR-LN
M40 x 1.5	4.5	45	M40BR-LN
M50 x 1.5	5.5	55	M50BR-LN
M63 x 1.5	6	70	M63BR-LN
M75 x 1.5	8	80	M75BR-LN
M80 x 1.5	8	95	M80BR-LN
M90 x 1.5	9	95	M90BR-LN
M100 x 1.5	11	123	M100BR-LN

硅胶垫片
Silicone Rubber Gasket

→ M/PG/NPT

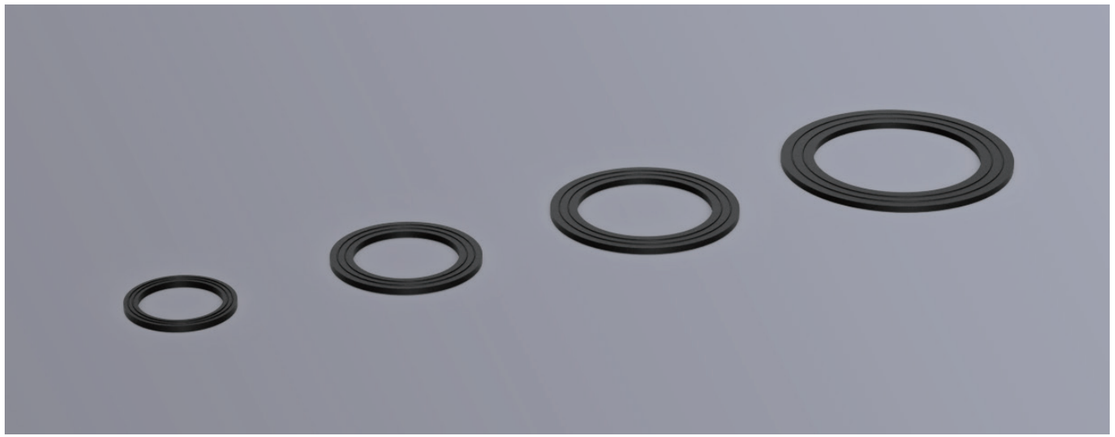
IEC Ex ATEX RoHS REACH

材料 Material: 硅橡胶 Silicone Rubber
工作温度 Operating Temperature: -60℃ to 130℃
颜色种类 Color: 白色 White



订货数据 Ordering Data

规格 Specs ∅D1	d mm	D mm	s mm	订货号 Order no
M12 x 1.5	10.2	15	1.8	M12SI-W
M16 x 1.5	14	22	1.8	M16SI-W
M20 x 1.5	18	24	1.8	M20SI-W
M25 x 1.5	23	33	1.8	M25SI-W
M32 x 1.5	30	42	1.8	M32SI-W
M40 x 1.5	38	53	1.8	M40SI-W
M50 x 1.5	48	60	1.8	M50SI-W
M63 x 1.5	61	68	1.8	M63SI-W
M75 x 1.5	71.8	82	2.5	M75SI-W
PG7	11.1	15	1.8	P07SI-W
PG9	14	22	1.8	P09SI-W
PG11	16.8	22	1.8	P11SI-W
PG13.5	19	24	1.7	P13SI-W
PG16	21	27	1.8	P16SI-W
PG21	26.6	33	1.8	P21SI-W
PG29	35.3	42	1.8	P29SI-W
PG36	44.8	53	1.8	P36SI-W
PG42	51.8	60	1.8	P42SI-W
PG48	57	65	1.8	P48SI-W
NPT 3/8"	14	22	1.8	N38SI-W
NPT 1/2"	18	24	1.8	N12SI-W
NPT 3/4"	23	33	1.8	N34SI-W
NPT 1"	30	42	1.8	N100SI-W
NPT 1 1/4"	38	53	1.8	N114SI-W
NPT 1 1/2"	44.8	53	1.8	N112SI-W

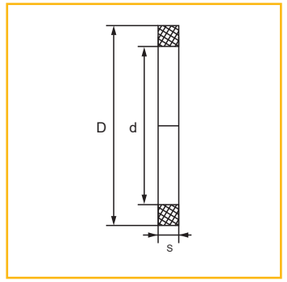


PTFE垫片
PTFE Gasket

→ M/NPT

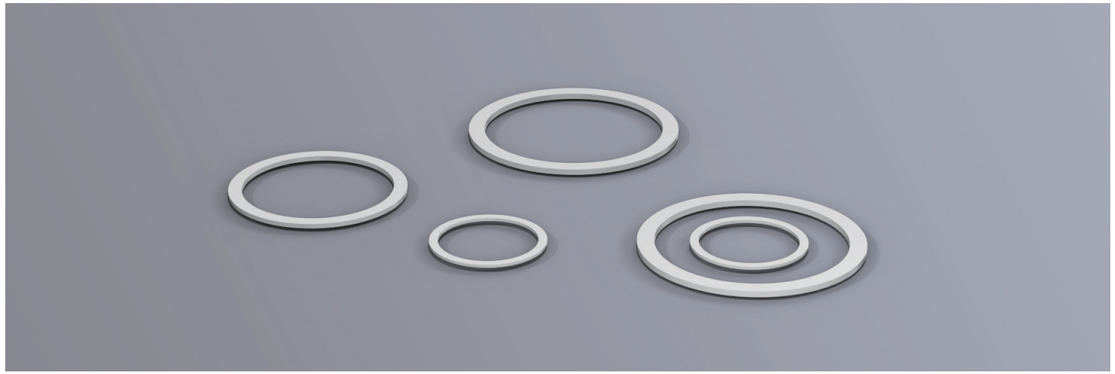
IEC Ex ATEX RoHS REACH

材料 Material: 高稳定性尼龙材料 High Stability Nylon Material
工作温度 Operating Temperature: -180℃ to 260℃
颜色种类 Color: 白色 White



订货数据 Ordering Data

规格 Specs ∅D1	d mm	D mm	s mm	订货号 Order no
M16 x 1.5	15.4	23	2	M16PT-W
M20 x 1.5	19.4	24	2	M20SPT-W
M20 x 1.5	19.4	26.5	2	M20BPT-W
M25 x 1.5	24.4	35	2	M25PT-W
M32 x 1.5	31.4	42	2	M32PT-W
M40 x 1.5	39.4	49	2	M40PT-W
M50 x 1.5	49.4	54	2	M50SPT-W
M50 x 1.5	49.4	59	2	M50BPT-W
M63 x 1.5	62.4	74	2	M63PT-W
M75 x 1.5	74.4	89	2	M75PT-W
M80 x 2.0	79.4	95	2	M80PT-W
M90 x 2.0	89.4	107	2	M90PT-W
M100 x 2.0	99.4	122	2	M100PT-W
NPT 1/2"	20.7	24	2	N12SPT-W
NPT 1/2"	20.7	27	2	N12BPT-W
NPT 3/4"	26.1	27	2	N34SPT-W
NPT 3/4"	26.1	36	2	N34BPT-W
NPT 1"	32.8	36	2	N100SPT-W
NPT 1"	32.8	43	2	N100BPT-W
NPT 1 1/4"	41.6	43	2	N114SPT-W
NPT 1 1/4"	41.6	50	2	N114BPT-W
NPT 1 1/2"	47.7	50	2	N112PT-W
NPT 2"	59.7	70	2	N200PT-W
NPT 2 1/2"	72.4	80	2	N212PT-W
NPT 3"	88.3	96	2	N300PT-W
NPT 3 1/2"	101	108	2	N312SPT-W
NPT 3 1/2"	101	123	2	N312BPT-W
NPT 4"	113.1	123	2	N400PT-W



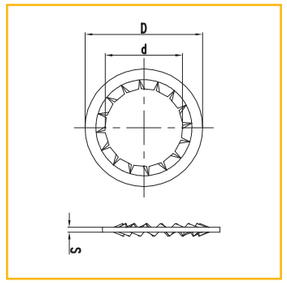
防震垫片
Anti-vibration Gasket

BEISIT

→ M/NPT

IECEx ATEX CCC RoHS REACH

材料 Material: 不锈钢 Stainless Steel
工作温度 Operating Temperature: -70℃ to 200℃



订货数据 Ordering Data

规格 Specs ∅D1	d mm	D mm	s mm	订货号 Order no
M16 x 1.5	16	24	1.2	M16SS-SW
M20 x 1.5	20	30	1.5	M20SS-SW
M25 x 1.5	25	36	1.5	M25SS-SW
M32 x 1.5	32	43	1.5	M32SS-SW
M40 x 1.5	40	50	1.5	M40SS-SW
M50 x 1.5	50	60	1.5	M50SS-SW
M63 x 1.5	63	75	1.5	M63SS-SW
M75 x 1.5	75	90	1.5	M75SS-SW
M80 x 2.0	80	96	1.5	M80SS-SW
M90 x 2.0	90	108	1.5	M90SS-SW
M100 x 2.0	100	123	1.5	M100SS-SW
NPT 1/2"	22	30	1.5	N12SS-SW
NPT 3/4"	27	36	1.5	N34SS-SW
NPT 1"	33	43	1.5	N100SS-SW
NPT 1 1/4"	43	55	1.5	N114SS-SW
NPT 1 1/2"	49	60	1.5	N112SS-SW
NPT 2"	61	75	1.5	N200SS-SW
NPT 2 1/2"	74	90	1.5	N212SS-SW
NPT 3"	89	100	1.5	N300SS-SW
NPT 3 1/2"	102	123	1.5	N312SS-SW
NPT 4"	114	130	1.5	N400SS-SW

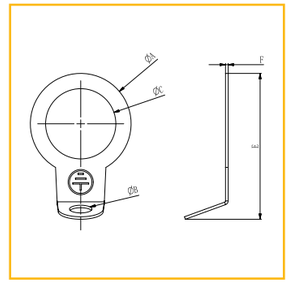
接地片
Earth Tags

BEISIT

→ M/NPT

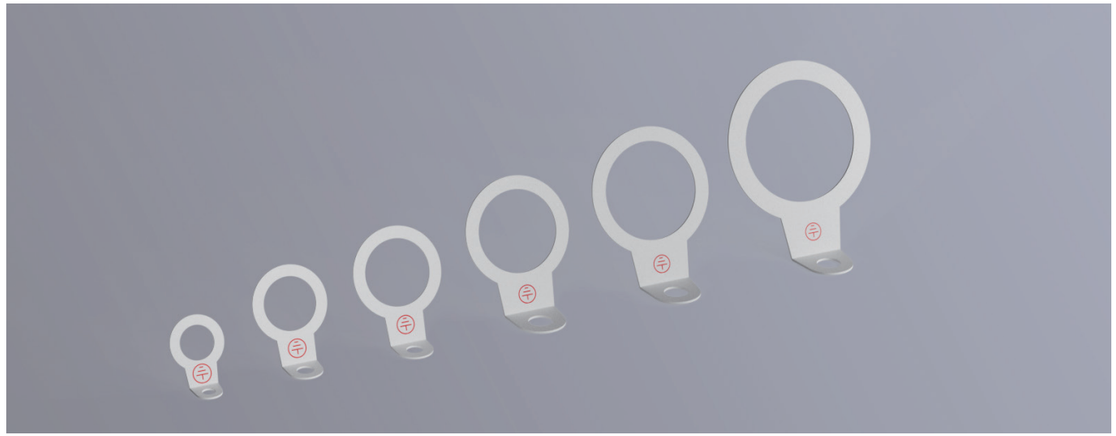
IECEx ATEX CCC RoHS REACH

材料 Material: 黄铜 Brass
工作温度 Operating Temperature: -70℃ to 150℃
可选材料 Material Options: 黄铜、不锈钢 Brass, Stainless Steel



订货数据 Ordering Data

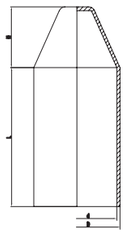
规格 Specs ∅D1	Inner hole A	Thread hole B	Outter diameter C	Length E	Thickness F	订货号 Order no
M16 x 1.5	16	6.5	25	50.3	1	M16BR-ET
M20 x 1.5	20	6.5	27	52.3	1	M20BR-ET
M25 x 1.5	25	6.5	35	59.2	1	M25BR-ET
M32 x 1.5	32	12.5	45	77	1.2	M32BR-ET
M40 x 1.5	40	12.5	54	88.6	1.2	M40BR-ET
M50 x 1.5	50	12.5	65	111.3	1.2	M50BR-ET
M63 x 1.5	63	12.5	83	128.8	1.2	M63BR-ET
M75 x 1.5	75	12.5	96	141.5	1.2	M75BR-ET
M80 x 2.0	80	12.5	102	150	1.2	M80BR-ET
M90 x 2.0	90	12.5	114	161	1.2	M90BR-ET
M100 x 2.0	100	12.5	125	194.8	1.2	M100BR-ET
NPT 1/2"	22	6.5	27	52.8	1	N12BR-ET
NPT 3/4"	27	6.5	35	59.2	1	N34BR-ET
NPT 1"	33	6.5	45	77	1	N100BR-ET
NPT 1 1/4"	43	12.5	54	88.6	1.2	N114BR-ET
NPT 1 1/2"	49	12.5	65	111.3	1.2	N112BR-ET
NPT 2"	61	12.5	83	128.8	1.2	N200BR-ET
NPT 2 1/2"	74	12.5	96	141.5	1.2	N212BR-ET
NPT 3"	89	12.5	114	161	1.2	N300BR-ET
NPT 3 1/2"	102	12.5	125	194.8	1.2	N312BR-ET
NPT 4"	114	12.5	140	207	1.2	N400BR-ET



护套
Sheath

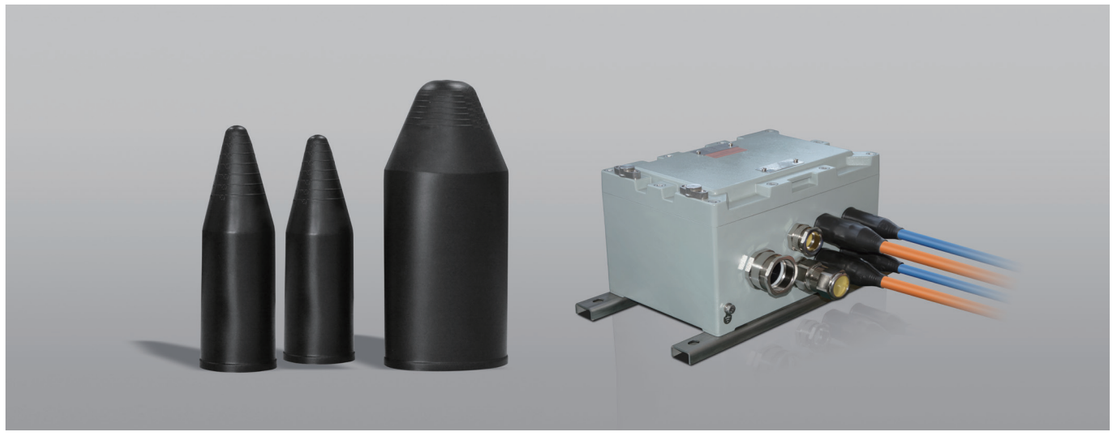
IEC IECEx ATEX CCC RoHS REACH

材料 Material: PVC
工作温度 Operating Temperature: -60℃ to 90℃
可选材料 Material Options: EPDM, Flame Retardant EPDM



订货数据 Ordering Data

规格 Specs ∅D1	Inner hole d	Outter diameter D	Straight height L	Conical height H	订货号 Order no
ϕ29.5	29.5	33.5	69	38	φ29.5PVC-PB
ϕ32.5	32.5	36.5	68	45	φ32.5PVC-PB
ϕ41.5	41.5	45.5	84	45	φ41.5PVC-PB
ϕ50.0	50	54	87	38	φ50.0PVC-PB
ϕ59.5	59.5	63.5	90	38	φ59.5PVC-PB
ϕ69.5	69.5	73.5	100	42	φ69.5PVC-PB
ϕ87.5	87.5	91.5	103	42	φ87.5PVC-PaB
ϕ103.5	103.5	107.5	105	42	φ103.5PVC-PB
ϕ113.5	113.5	117.5	123	50	φ113.5PVC-PB
ϕ123.5	123.5	127.5	124	59	φ123.5PVC-PB
ϕ139.2	139.2	143.2	140	60	φ139.2PVC-PB



防爆附件
Explosion-Proof Accessories

防爆附件选型指南
Ex-proof Accessories Selection-guide

→ Exeb系列 Series

IEC Ex ATEX CCC RoHS REACH

产品系列 Product Series	MSP系列 Series	HSP系列 Series	NSP系列 Series	HSP系列 Series
产品名称 Item	防爆堵塞件 Ex-proof Exe Plug			隔爆堵塞件 Ex-proof Exd Plug
材质 Material	黄铜镀镍 Nickel-plated Brass	黄铜镀镍 Nickel-plated Brass	尼龙 Nylon	黄铜镀镍 Nickel-plated Brass Hpb59-1 不锈钢 Stainless Steel 304 316 316L 碳钢 Carbon Steel Q235
认证类别 Certification Category	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate			CCC 防爆合格证 Explosion-proof Certificate
防爆标志 Ex-Mark	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db Ⓔx Ⅱ 2G Ex eb Ⅱ C Gb Ⓔx Ⅱ 2D Ex tb Ⅲ C Db			Ex db Ⅱ C Gb Ex eb Ⅱ C Gb Ex tb Ⅲ C Db
防护等级 IP Rating	IP66 IP68 1.5m 30min			IP66 IP68 1.5m 30min
工作温度 Operating Temperature	-30℃～+80℃			-60℃～+120℃
螺纹规格 Thread Type	M12-M63 PG7-PG48			M16-M63 NPT1/2"-NPT2"
详细页码 Page Number	P136	P137	P138	P139

型号含义 Model Meaning

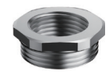
□SP-	□	□	□
材质 Nylon Cable Glands N: 尼龙材质 Nylon Material M/H: 金属材质 Metal Material	螺纹规格 Thread Specification M12: M12×1.5 M16: M16×1.5 P07: PG 7 P09: PG 9	螺纹长度 Thread Length 05: GL 5 06: GL 6 07: GL 7 09: GL 9	B: 黑色尼龙 Black Color Nylon BR: 黄铜镀镍 Nickel-Plated Brass 无字母 No letter: 常规型 Standard Type

举例 For Example: NSP-M1209

防爆附件选型指南
Ex-proof Accessories Selection-guide

→ Exeb系列 Series

IEC Ex ATEX CCC RoHS REACH

产品系列 Product Series	 MTR系列 Series	MTE系列 Series	MTA系列 Series
产品名称 Item	防爆变径环 Ex-proof Exe Reducer		
材质 Material	黄铜镀镍 Nickel-plated Brass	黄铜镀镍 Nickel-plated Brass	黄铜镀镍 Nickel-plated Brass
认证类别 Certification Category	IECEx ATEX 防爆合格证 Explosion-proof Certificate		
防爆标志 Ex-Mark	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db Ⓔx Ⅱ 2G Ex eb Ⅱ C Gb Ⓔx Ⅱ 2D Ex tb Ⅲ C Db		
防护等级 IP Rating	IP66 IP68 1.5m 30min		
工作温度 Operating Temperature	-30℃～+80℃		
螺纹规格 Thread Type	M12-M63 PG7-PG48	M12-M63 PG7-PG48	M16-M32、 PG9-PG29、 NPT1/2"-NPT 1 1/4"
详细页码 Page Number	P140-P141	P142	P143

型号含义 Model Meaning

MT□	□
材质 Type R: 缩径 Reducer E: 扩径 Enlarger A: 变径 Adapter	螺纹规格 Thread Specification M12: M12×1.5 M16: M16×1.5 M20: M20×1.5 M25: M25×1.5

举例 For Example: MTR-M16×1.5

防爆附件选型指南
Ex-proof Accessories Selection-guide

BEISIT®

→ Exeb /Exdb系列 Series

IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 BST80/10E 系列 Series	 BST80/10D 系列 Series
产品名称 Item	防爆呼吸阀 Explosion-proof Breather Valve	
材质 Material	黄铜镀镍 Nickel-plated Brass Hpb59-1 不锈钢 Stainless Steel 304 316 316L 碳钢 Carbon Steel Q235	
认证类别 Certification Category	防爆合格证 Explosion-proof Certificate	
防爆标志 Ex-Mark	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db	
防护等级 IP Rating	IP66	
工作温度 Operating Temperature	-60 C～+135 C	
螺纹规格 Thread Type	M12x1.5、M20x1.5 NPT 1/2"、G 1/2" PG 13.5	M25x1.5、NPT 3/4"
详细页码 Page Number	P144	P144

型号含义 Model Meaning

BST-80/10 □	□	□
E: 增安型 Exe D: 隔爆型 Exd	螺纹规格 Thread Specification M12: M12×1.5 M20: M20×1.5 P13: PG13.5 N12: NPT1/2"	材质 Material BR: 黄铜Hbp59-1 SS: 304 BA: 黄铜H62 SA: 316 SB: 316L

举例 For Example: BST-80/10E-M12BR

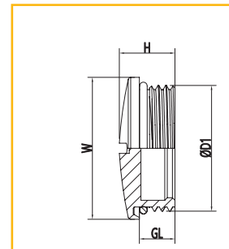
防爆堵塞件(圆形)
Ex Round Metal Screw Plugs

BEISIT®

→ MSP系列 Series

IECEx ATEX CCC RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating: IP66/68(1.5m/30min)
工作温度 Operating Temperature: -30℃～+80℃
环境温度 Environmental Temperature Range: -30℃～+80℃
材质 Material: 黄铜镀镍 Nickel-Plated Brass
O型圈 O-Ring: 硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db
CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、PG7-PG48
材质 Material	黄铜镀镍 Nickel-Plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

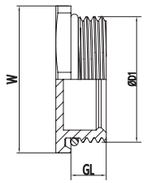
规格 Specs ØD1	GL mm	H mm	W mm	订货号 Order no
MSP-M12 x 1.5	5	8	14	Ex-SPM1205BR
MSP-M16 x 1.5	6	9	18	Ex-SPM1606BR
MSP-M20 x 1.5	7	10	23	Ex-SPM2007BR
MSP-M25 x 1.5	7	10	28	Ex-SPM2507BR
MSP-M32 x 1.5	8	12	35	Ex-SPM3208BR
MSP-M40 x 1.5	9	15	44	Ex-SPM4009BR
MSP-M50 x 1.5	9	16	54	Ex-SPM5009BR
MSP-M63 x 1.5	10	16	67	Ex-SPM6310BR
MSP-PG 7	5	8	14	Ex-SPP0705BR
MSP-PG 9	6	9	17	Ex-SPP0906BR
MSP-PG 11	6	9	21	Ex-SPP1106BR
MSP-PG 13.5	7	10	23	Ex-SPP1307BR
MSP-PG 16	6.5	10	25	Ex-SPP1607BR
MSP-PG 21	7	11	30	Ex-SPP2107BR
MSP-PG 29	8	12	39	Ex-SPP2908BR
MSP-PG 36	9	15	50	Ex-SPP3609BR
MSP-PG 42	10	16	57	Ex-SPP4210BR
MSP-PG 48	10	16	64	Ex-SPP4810BR

防爆堵塞件(六角形)
Ex Hexagon Metal Screw Plugs

→ HSP系列 Series

IEC Ex ATEX RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating: IP66/68(1.5m/30min)
工作温度 Operating Temperature: -30℃~+80℃
环境温度 Environmental Temperature Range: -30℃~+80℃
材质 Material: 黄铜镀镍 Nickel-Plated Brass
O型圈 O-Ring: 硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db
CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、PG7-PG48
材质 Material	黄铜镀镍 Nickel-Plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

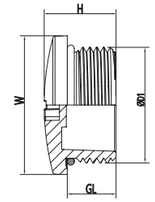
规格 Specs ØD1	GL mm	H mm	mm	订货号 Order no
HSP-M12 x 1.5	5	8	14	Ex-HSPM1205BR
HSP-M16 x 1.5	6	9	18	Ex-HSPM1606BR
HSP-M20 x 1.5	7	10	22	Ex-HSPM2007BR
HSP-M25 x 1.5	7	10	29	Ex-HSPM2507BR
HSP-M32 x 1.5	8	11	36	Ex-HSPM3208BR
HSP-M40 x 1.5	9	12	45	Ex-HSPM4009BR
HSP-M50 x 1.5	9	15	55	Ex-HSPM5009BR
HSP-M63 x 1.5	10	16	70	Ex-HSPM6310BR
HSP-PG 7	5	8	14	Ex-HSPP0705BR
HSP-PG 9	6	9	17	Ex-HSPP0906BR
HSP-PG 11	6	9	20	Ex-HSPP1106BR
HSP-PG 13.5	7	10	22	Ex-HSPP1307BR
HSP-PG 16	7	10	24	Ex-HSPP1607BR
HSP-PG 21	7	11	30	Ex-HSPP2107BR
HSP-PG 29	8	12	40	Ex-HSPP2908BR
HSP-PG 36	9	15	50	Ex-HSPP3609BR
HSP-PG 42	10	16	60	Ex-HSPP4210BR
HSP-PG 48	10	16	64	Ex-HSPP4810BR

防爆堵塞件(圆形)
Ex Nylon Screw Plugs

→ NSP系列 Series

IEC Ex ATEX RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating: IP66/68(1.5m/30min)
工作温度 Operating Temperature: -20℃~+80℃
环境温度 Environmental Temperature Range: -20℃~+80℃
材质 Material: 尼龙 Nylon
O型圈 O-Ring: 硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db
CCC证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex eb IIC Gb Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、PG7-PG48
材质 Material	尼龙 Nylon
阻燃等级 Flame Retardant Grade	V2(UL94)
颜色 Color	黑色、灰色 Black, Grey

订货数据 Ordering Data

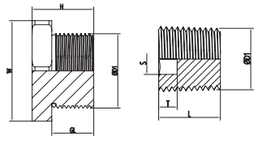
规格 Specs D1	GL mm	H mm	W mm	订货号 Order no RAL7035	订货号 Order no RAL9005
NSP-M12 x 1.5	8.5	12.5	15	Ex-SPM1209	Ex-SPM1209B
NSP-M16 x 1.5	8.5	13	19	Ex-SPM1609	Ex-SPM1609B
NSP-M20 x 1.5	9	13	25	Ex-SPM2009	Ex-SPM2009B
NSP-M25 x 1.5	10.5	15.5	30	Ex-SPM2511	Ex-SPM2511B
NSP-M32 x 1.5	10.5	16	38	Ex-SPM3211	Ex-SPM3211B
NSP-M40 x 1.5	11.5	16	46	Ex-SPM4012	Ex-SPM4012B
NSP-M50 x 1.5	13.5	18	56	Ex-SPM5014	Ex-SPM5014B
NSP-M63 x 1.5	14	19	68	Ex-SPM6314	Ex-SPM6314B
NSP-PG 7	8.5	12.5	15	Ex-SPP0709	Ex-SPP0709B
NSP-PG 9	8.5	13	19	Ex-SPP0909	Ex-SPP0909B
NSP-PG 11	9	13	22	Ex-SPP1109	Ex-SPP1109B
NSP-PG 13.5	9	13	25	Ex-SPP1309	Ex-SPP1309B
NSP-PG 16	10.5	15	27	Ex-SPP1611	Ex-SPP1611B
NSP-PG 21	10.5	15.5	33	Ex-SPP2111	Ex-SPP2111B
NSP-PG 29	11.5	16	44	Ex-SPP2912	Ex-SPP2912B
NSP-PG 36	13.5	18	55	Ex-SPP3614	Ex-SPP3614B
NSP-PG 42	13.5	18.5	62	Ex-SPP4214	Ex-SPP4214B
NSP-PG 48	14.5	19.5	68	Ex-SPP4815	Ex-SPP4815B

隔爆堵塞件
Ex Hexagon Metal Screw Plugs

→ HSP系列 Series

IEC IECEx ATEX CCC RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘20、21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-60℃~+135℃
环境温度 Environmental Temperature Range:	-60℃~+55℃
材质 Material:	黄铜镀镍 Nickel-plated Brass 不锈钢 Stainless Steel 304、316、316L 碳钢 Carbon Steel Q235
O型圈 O-Ring:	硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
CCC证书 Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db	防爆合格证 Explosion-proof Certificate	Ex db ⅡC Gb Ex eb ⅡC Gb Ex tb ⅢC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、NPT1/2"-NPT 2"
材质 Material	黄铜镀镍/ 不锈钢304、316、316L/ 碳钢Q235
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

规格 Specs ØD1	GL mm	H mm	mm	订货号 Order no
M12 x 1.5	15	21	18	BST-Exd-HSPM1215BR
M16 x 1.5	15	21	24	BST-Exd-HSPM1615BR
M20 x 1.5	15	22	27	BST-Exd-HSPM2015BR
M25 x 1.5	15	22	36	BST-Exd-HSPM2515BR
M32 x 1.5	15	22	43	BST-Exd-HSPM3215BR
M40 x 1.5	15	23.5	50	BST-Exd-HSPM4015BR
M50 x 1.5	15	24	60	BST-Exd-HSPM5015BR
M63 x 1.5	15	24	75	BST-Exd-HSPM6315BR

订货数据 Ordering Data

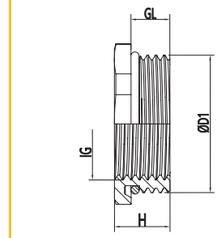
规格 Specs ØD1	GL mm	T mm	S mm	订货号 Order no
NPT 1/2"	15	6	10.3	BST-Exd-HSPN1215BR
NPT 3/4"	15	6	10.3	BST-Exd-HSPN3415BR
NPT 1"	15	8	17.3	BST-Exd-HSPN10015BR
NPT 1 1/4"	15	8	17.3	BST-Exd-HSPN11415BR
NPT 1 1/2"	15	10	19.3	BST-Exd-HSPN11215BR
NPT 2"	15	10	19.3	BST-Exd-HSPN20015BR

防爆变径环(缩径)
Ex Metal Reducer

→ MTR系列 Series

IEC IECEx ATEX CCC RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-30℃~+80℃
环境温度 Environmental Temperature Range:	-30℃~+80℃
材质 Material:	黄铜镀镍 Nickel-Plated Brass
O型圈 O-Ring:	硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63
材质 Material	黄铜镀镍 Nickel-Plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

规格 Specs ØD1	IG mm	GL mm	H mm	mm	订货号 Order no
MTR-M16 x 1.5	M12x1.5	5	8	17	Ex-M1612BRR
MTR-M20 x 1.5	M12x1.5	6	9	22	Ex-M2012BRR
MTR-M20 x 1.5	M16x1.5	6	9	22	Ex-M2016BRR
MTR-M25 x 1.5	M16x1.5	7	10	27	Ex-M2516BRR
MTR-M25 x 1.5	M20x1.5	7	10	27	Ex-M2520BRR
MTR-M32 x 1.5	M16x1.5	8	11	34	Ex-M3216BRR
MTR-M32 x 1.5	M20x1.5	8	11	34	Ex-M3220BRR
MTR-M32 x 1.5	M25x1.5	8	11	34	Ex-M3225BRR
MTR-M40 x 1.5	M20x1.5	8	12	43	Ex-M4020BRR
MTR-M40 x 1.5	M25x1.5	8	12	43	Ex-M4025BRR
MTR-M40 x 1.5	M32x1.5	8	12	43	Ex-M4032BRR
MTR-M50 x 1.5	M25x1.5	9	13	55	Ex-M5025BRR
MTR-M50 x 1.5	M32x1.5	9	13	55	Ex-M5032BRR
MTR-M50 x 1.5	M40x1.5	9	13	55	Ex-M5040BRR
MTR-M63 x 1.5	M32x1.5	10	14	65	Ex-M6332BRR
MTR-M63 x 1.5	M40x1.5	10	14	65	Ex-M6340BRR
MTR-M63 x 1.5	M50x1.5	10	14	65	Ex-M6350BRR

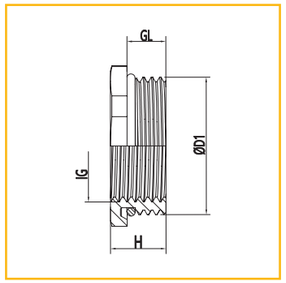
防爆变径环(缩径)
Ex Metal Reducer

BEISIT

→ MTR系列 Series

IEC IECEx ATEX CCC RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-30℃~+80℃
环境温度 Environmental Temperature Range:	-30℃~+80℃
材质 Material:	黄铜镀镍 Nickel-Plated Brass
O型圈 O-Ring:	硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	PG9-PG48
材质 Material	黄铜镀镍 Nickel-Plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

规格 Specs ØD1	IG mm	GL mm	H mm	mm	订货号 Order no
MTR-PG 9	PG 7	6	8.8	17	Ex-P0907BRR
MTR-PG 11	PG 7	6	9	20	Ex-P1107BRR
MTR-PG 11	PG 9	6	9	20	Ex-P1109BRR
MTR-PG 13.5	PG 9	6.5	9.5	22	Ex-P13509BRR
MTR-PG 13.5	PG 11	6.5	9.5	22	Ex-P13511BRR
MTR-PG 16	PG 9	6.5	9.5	24	Ex-P1609BRR
MTR-PG 16	PG 11	6.5	9.5	24	Ex-P1611BRR
MTR-PG 16	PG 13.5	6.5	9.5	24	Ex-P16135BRR
MTR-PG 21	PG 11	7	10.3	30	Ex-P2111BRR
MTR-PG 21	PG 13.5	7	10.3	30	Ex-P21135BRR
MTR-PG 21	PG 16	7	10.3	30	Ex-P2116BRR
MTR-PG 29	PG 16	7	11.5	40	Ex-P2916BRR
MTR-PG 29	PG 21	7	11.5	40	Ex-P2921BRR
MTR-PG 36	PG 21	8	12.5	50	Ex-P3621BRR
MTR-PG 36	PG 29	8	12.5	50	Ex-P3629BRR
MTR-PG 42	PG 29	10	13.5	57	Ex-P4229BRR
MTR-PG 42	PG 36	10	13.5	57	Ex-P4236BRR
MTR-PG 48	PG 36	10	13.5	64	Ex-P4836BRR
MTR-PG 48	PG 42	10	13.5	64	Ex-P4842BRR

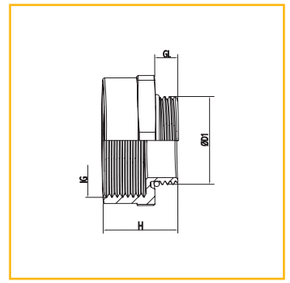
防爆变径环(扩径)
Ex Metal Enlarger

BEISIT

→ MTE系列 Series

IEC IECEx ATEX CCC RoHS REACH

适用范围 Application Scope:	适用于气体1、2区；粉尘21、22区 Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating:	IP66/68(1.5m/30min)
工作温度 Operating Temperature:	-30℃~+80℃
环境温度 Environmental Temperature Range:	-30℃~+80℃
材质 Material:	黄铜镀镍 Nickel-Plated Brass
O型圈 O-Ring:	硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M12-M63、PG7-PG48
材质 Material	黄铜镀镍 Nickel-Plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

规格 Specs ØD1	IG mm	GL mm	H mm	mm	订货号 Order no
MTE-M12 x 1.5	M16 x 1.5	5	15	18	Ex-M1216BRE
MTE-M16 x 1.5	M20 x 1.5	6	17.5	22	Ex-M1620BRE
MTE-M20 x 1.5	M25 x 1.5	6.5	19	27	Ex-M2025BRE
MTE-M25 x 1.5	M32 x 1.5	6.5	21	34	Ex-M2532BRE
MTE-M32 x 1.5	M40 x 1.5	7	23	42	Ex-M3240BRE
MTE-M40 x 1.5	M50 x 1.5	9	31	53	Ex-M4050BRE
MTE-M50 x 1.5	M63 x 1.5	9	31	66	Ex-M5063BRE
MTE-PG 7	PG 9	5	15	17	Ex-P0709BRE
MTE-PG 9	PG 11	6	16.5	20	Ex-P0911BRE
MTE-PG 9	PG 13.5	6	17.5	22	Ex-P09135BRE
MTE-PG 11	PG 13.5	6	17.5	22	Ex-P11135BRE
MTE-PG 11	PG 16	6	18.5	24	Ex-P1116BRE
MTE-PG 11	PG 21	6	20.5	30	Ex-P1121BRE
MTE-PG 13.5	PG 16	6.5	19	24	Ex-P13516BRE
MTE-PG 13.5	PG 21	6.5	21	30	Ex-P13521BRE
MTE-PG 16	PG 21	6.5	21	30	Ex-P1621BRE
MTE-PG 16	PG 29	6.5	22.5	39	Ex-P1629BRE
MTE-PG 21	PG 29	7	23	39	Ex-P2129BRE
MTE-PG 29	PG 36	8	27.5	50	Ex-P2936BRE
MTE-PG 36	PG 42	9	31	57	Ex-P3642BRE
MTE-PG 42	PG 48	10	33	64	Ex-P4248BRE

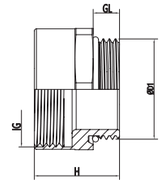
防爆变径环
Ex Metal Adapter

BEISIT

→ MTA系列 Series

IECEx ATEX RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating: IP66/68(1.5m/30min)
工作温度 Operating Temperature: -30℃~+80℃
环境温度 Environmental Temperature Range: -30℃~+80℃
材质 Material: 黄铜镀镍 Nickel-Plated Brass
O型圈 O-Ring: 硅橡胶 Silicone Rubber



认证数据 Authentication Certificate

认证类别 Certificate Type	防护类别代码 Ex-Mark	认证类别 Certificate Type	防护类别代码 Ex-Mark
IECEx证书 Certificate	Ex eb IIC Gb Ex tb IIIC Db	ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex eb IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db

技术数据 Technical Data

螺纹规格 Thread Size	M16-M32、PG9-PG29、NPT1/2"-NPT 1 1/4"
材质 Material	黄铜镀镍 Nickel-Plated Brass
阻燃等级 Flame Retardant Grade	V2(UL94)

订货数据 Ordering Data

规格 Specs ØD1	IG mm	GL mm	H mm	mm	订货号 Order no
MTA-M16 x 1.5	PG 9	6	10.5	20	Ex-M16P09BRA
MTA-M20 x 1.5	PG 11	6.5	12.5	22	Ex-M20P11BRA
MTA-M20 x 1.5	PG 13.5	6.5	12.5	22	Ex-M20P135BRA
MTA-M20 x 1.5	PG 16	6.5	12.5	24	Ex-M20P16BRA
MTA-M25 x 1.5	PG 16	6.5	12.5	28	Ex-M25P16BRA
MTA-M25 x 1.5	PG 21	6.5	14.5	30	Ex-M25P21BRA
MTA-M32 x 1.5	PG 29	7	16	40	Ex-M32P29BRA
MTA-M16 x 1.5	NPT 1/2"	6	17	24	Ex-M16N12BRA
MTA-M20 x 1.5	NPT 1/2"	6	17	24	Ex-M20N12BRA
MTA-M25 x 1.5	NPT 1/2"	7	18	30	Ex-M25N12BRA
MTA-M25 x 1.5	NPT 3/4"	7	19	30	Ex-M25N34BRA
MTA-M32 x 1.5	NPT 1"	8	25	40	Ex-M32N100BRA
MTA-M32 x 1.5	NPT 1 1/4"	8	25	46	Ex-M32N114BRA
MTA-PG 9	M16X1.5	6	10.5	20	Ex-P09M16BRA
MTA-PG 11	M20X1.5	6.5	12.5	22	Ex-P11M20BRA
MTA-PG 13.5	M20X1.5	6.5	12.5	22	Ex-P135M20BRA
MTA-PG 16	M25X1.5	6.5	14.5	27	Ex-P16M25BRA
MTA-PG 11	NPT 1/2"	6	16.7	24	Ex-P11N12BRA
MTA-PG 13.5	NPT 1/2"	6.5	17	24	Ex-P135N12BRA
MTA-PG 16	NPT 1/2"	6.5	16.5	24	Ex-P16N12BRA
MTA-PG 21	NPT 1/2"	7	18	30	Ex-P21N12BRA
MTA-PG 21	NPT 1"	7	18	30	Ex-P21N34BRA
MTA-PG 29	NPT 1 1/4"	8	20	40	Ex-P29N100BRA

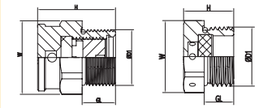
防爆呼吸阀
Hexagon Metal Venting Plug

BEISIT

→ BST-8010E/8010D系列 Series

IECEx ATEX RoHS REACH

适用范围 Application Scope: 适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 21, and 22
防护等级 IP Rating: IP66
工作温度 Operating Temperature: -60℃~+130℃
材质 Material: 黄铜镀镍 Nickel-plated Brass
不锈钢 Stainless Steel 304、316、316L
O型圈 O-Ring: 硅橡胶 Silicone Rubber



Ex db Ex eb

认证数据-增安型 Technical Data-Increased Safety Type

认证类别 Certificate Type	
防爆合格证 Explosion-proof Certificate	Ex eb Ⅱ C Gb Ex tb Ⅲ C Db

认证数据-隔爆型 Technical Data- Ex d Type

认证类别 Certificate Type	
防爆合格证 Explosion-proof Certificate	Ex db Ⅱ C Gb Ex eb Ⅱ C Gb Ex tb Ⅲ C Db

技术数据–增安型 Technical Data-Exe

螺纹规格 Thread Size	M12-M20、PG 13.5、NPT 1/2"、G 1/2"
材质 Material	黄铜镀镍 Nickel-plated Brass 不锈钢 Stainless Steel 304、316、316L

技术数据–隔爆型 Technical Data-Exd

螺纹规格 Thread Size	M25、NPT3/4"
材质 Material	黄铜镀镍 Nickel-plated Brass 不锈钢 Stainless Steel 304、316、316L

订货数据–增安型 Ordering Data-Increased Safety Type

规格 Specs ØD1	GL mm	H mm	mm	订货号 Order no
M12 x 1.5	7	12.6	14	BST-80/10E-M12BR
M20 x 1.5	10	17	22	BST-80/10E-M20BR
PG 13.5	10	17	25	BST-80/10E-P13BR
NPT1/2"	10	17	25	BST-80/10E-N12BR
G 1/2"	10	17	25	BST-80/10E-G12BR

订货数据–隔爆型 Ordering Data-Ex d Type

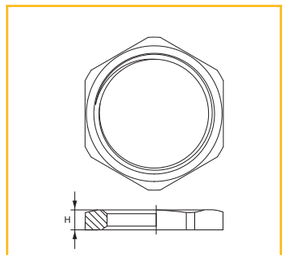
规格 Specs ØD1	GL mm	H mm	mm	订货号 Order no
M25 x 1.5	15	35	30	BST-80/10D-M25BR
NPT 3/4"	15	35	30	BST-80/10D-N34BR

金属六角螺母
Metal LockNuts

→ M/PG/G系列 Series

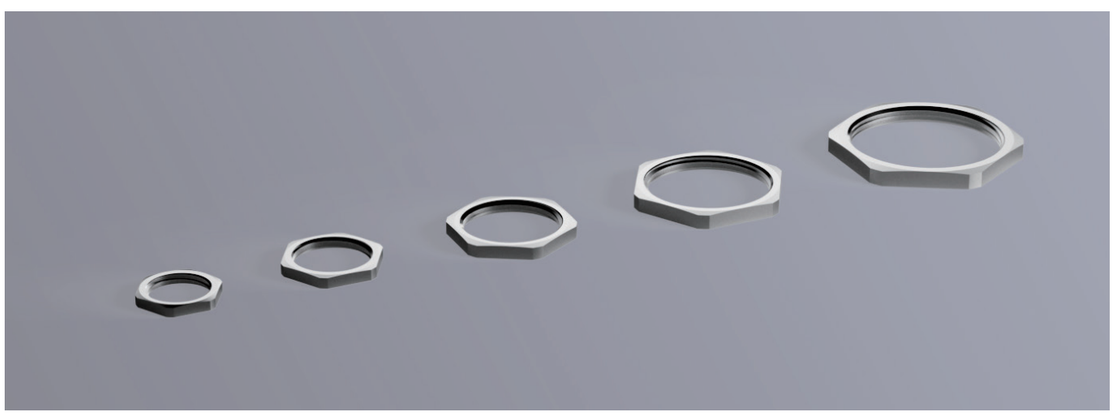
RoHS

材料 Material: 黄铜镀镍 Nickel-plated Brass
工作温度 Operating Temperature: -60℃ to 200℃



订货数据 Ordering Data

规格 Specs ∅D1	H mm	mm	订货号 Order no
M12 x 1.5	2.6	15	M12BR-LN
M16 x 1.5	2.8	19	M16BR-LN
M20 x 1.5	3.0	23	M20BR-LN
M25 x 1.5	3.5	29	M25BR-LN
M32 x 1.5	4	36	M32BR-LN
M40 x 1.5	4a	45	M40BR-LN
M50 x 1.5	5.5	55	M50BR-LN
M63 x 1.5	6	70	M63BR-LN
PG 7	2.7	15	P07BR-LN
PG 9	3	18	P09BR-LN
PG 11	3	21	P11BR-LN
PG 13.5	3	23	P13BR-LN
PG 16	3	26	P16BR-LN
PG 21	3.5	32	P21BR-LN
PG 29	4	41	P29BR-LN
PG 36	5	51	P36BR-LN
PG 42	5	60	P42BR-LN
PG 48	5.5	64	P48BR-LN
G 1/4"	4	17	G14BR-LN
G 3/8"	4.5	19	G38BR-LN
G 1/2"	5	24	G12BR-LN
G 3/4"	5	30	G34BR-LN
G 1"	6	40	G100BR-LN
G 1 1/4"	6	50	G114BR-LN
G 1 1/2"	6	57	G112BR-LN
G 2"	6	64	G200BR-LN

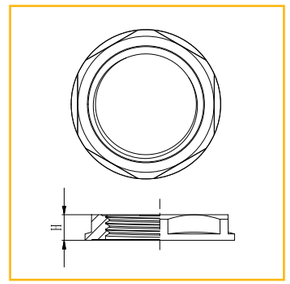


尼龙六角螺母
Nylon LockNuts

→ M/PG

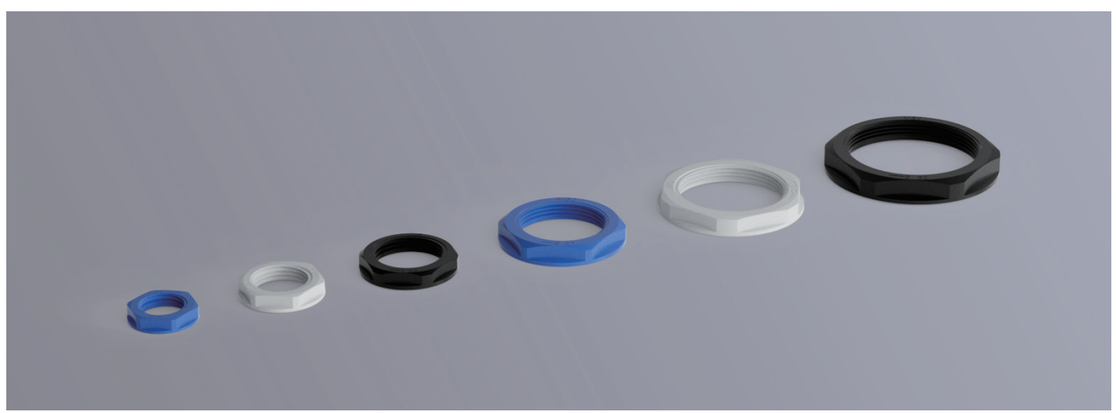
RoHS

材料 Material: 采用UL认可的尼龙材料 PA (NYLON), UL 94 V-2
工作温度 Operating Temperature: -40℃ to100℃
颜色种类 Color: 灰色、黑色，其他颜色可定做
Grey(RAL7035), Black(RAL9005), Other Colors Customized.
材料种类 Material Options: V0或F1可定做 V0, or F1 Can be Offered Upon Request.



订货数据 Ordering Data

规格 Specs D1	H mm	mm	订货号 Order no RAL7035 ●	订货号 Order no RAL9005 ●
M12 x 1.5	5	17	M12-LN	M12-LNB
M16 x 1.5	5	22	M16-LN	M16-LNB
M20 x 1.5	5.7	27	M20-LN	M20-LNB
M25 x 1.5	6	32	M25-LN	M25-LNB
M32 x 1.5	7	41	M32-LN	M32-LNB
M40 x 1.5	7	50	M40-LN	M40-LNB
M50 x 1.5	8.5	60	M50-LN	M50-LNB
M63 x 1.5	8	75	M63-LN	M63-LNB
PG 7	5	19	P07-LN	P07-LNB
PG 9	5	22	P09-LN	P09-LNB
PG 11	5	24	P11-LN	P11-LNB
PG 13.5	5.7	27	P13-LN	P13-LNB
PG 16	5.7	30	P16-LN	P16-LNB
PG 19	6	30	P19-LN	P19-LNB
PG 21	6	36	P21-LN	P21-LNB
PG 29	7	46	P29-LN	P29-LNB
PG 36	7.6	60	P36-LN	P36-LNB
PG 42	8	65	P42-LN	P42-LNB
PG 48	7.8	70	P48-LN	P48-LNB



隔爆Ex元件

Ex-proof Exd Components

隔爆Ex元件选型指南

Ex-proof Electronic Components Selection-guide

→ BST80系列 Series

IECEx ATEX CCC RoHS REACH

产品系列 Product Series	 BST8011	 BST8012	 BST8013
产品名称 Item	防爆信号灯 Ex-proof Signal Light	防爆按钮 Ex-proof Button	防爆急停按钮 Ex-proof Emergency Button
材质 Material	铝合金 Aluminium Alloy ADC12 不锈钢 Stainless Steel 304 316 316L		
技术要求 Technical Requirements	额定电压 Rated Voltage: AC110V-230V AC/DC12-48V 颜色：绿，红，黄，蓝，白 Colors: Green, Red, Yellow, Blue, White	额定电流 Rated Current: ≤10A 颜色：绿，红，黄，蓝，白 Colors: Green, Red, Yellow, Blue, White 触点 Touching Point: 一常开/一常闭 NO/NC 二常开 2 NO 二常闭 2 NC	额定电流 Rated Current: ≤10A 颜色：红 Colors: Red 触点 Touching Point: 一常开/一常闭 NO/NC 二常开 2 NO 二常闭 2 NC
认证类别 Certification Category	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate		
防爆标志 Ex-Mark	Ex db IIC Gb Ex tb IIIC Db		
防护等级 IP Rating	IP66		
工作温度 Operating Temperature	-55℃～+130℃		
螺纹规格 Thread Type	M30X1.5		
详细页码 Page Number	P152	P153	P154

BST80系列 Series

产品系列 Product Series	 BST8014	 BST8015
产品名称 Item	防爆带灯按钮 Ex-proof Emergency Illuminated Button	防爆开关 Ex-proof Switch
材质 Material	铝合金 Aluminium Alloy ADC12 不锈钢 Stainless Steel 304 316 316L	
技术要求 Technical Requirements	额定电压 Rated Voltage: AC110V-230V/AC/DC12-48V 额定电流 Rated Current: ≤10A 颜色：绿，红，黄，蓝，白 Colors: Green, Red, Yellow, Blue, White 触点 Touching Point: 一常开/一常闭 NO/NC 二常开 2 NO 二常闭 2NC	额定电流 Rated Current: ≤10A 颜色：本色 Color: Original 触点：详细见开关代号表1 Touching Point: Please refer to Switch Code Sheet 1
认证类别 Certification Category	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate	
防爆标志 Ex-Mark	Ex db IIC Gb Ex tb IIIC Db	
防护等级 IP Rating	IP66	
工作温度 Operating Temperature	-55 C ~+130 C	
螺纹规格 Thread Type	M30X1.5	
详细页码 Page Number	P155	P156-P157

隔爆Ex元件选型指南
Ex-proof Electronic Components Selection-guide

BST80系列 Series

产品系列 Product Series	 BST8016	 BST8017
产品名称 Item	防爆转换开关 Ex-proof Change-over Switch	防爆观察窗模块 Ex-proof Viewing Window
材质 Material	铝合金 Aluminium Alloy ADC12 不锈钢 Stainless Steel 304 316 316L	
技术要求 Technical Requirements	额定电流 Rated Current: ≤10A 颜色：本色 Color: Original 触点：详细见开关代号表2 Touching Point: Please refer to Switch Code Sheet 2	适用于48型或72型仪表 Suitable for Meter Type 48 or 72
认证类别 Certification Category	IECEx ATEX CCC 防爆合格证 Explosion-proof Certificate	
防爆标志 Ex-Mark	Ex db IIC Gb Ex tb IIIC Db	
防护等级 IP Rating	IP66	
工作温度 Operating Temperature	-55 C ~+130 C	
螺纹规格 Thread Type	M30X1.5	M90X2.0 M123X2.0
详细页码 Page Number	P158-P163	P164

型号含义
Model Meaning

BEISIT

→ BST80系列 Series

IECEx ATEX RoHS REACH

BST8011 系列 Series

BST	80	11	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆信号灯 Ex-proof Signal Light	标准型 Standard Model	电压 Voltage 1：AC220-380V 2：AC/DC 24-36V	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors R：红色 Red G：绿色 Green Y：黄色 Yellow B：蓝色 Blue W：白色 White

BST8012 系列 Series

BST	80	12	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆按钮 Ex-proof Button	电压 Voltage 1：AC 690V 2：DC 220V	触点类型 Switching Mode 0：一常开/一常闭 one Normal Open, one Normal Close 1：二常开 Two Normal Open 2：二常闭 Two Normal Clos	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors R：红色 Red G：绿色 Green Y：黄色 Yellow B：蓝色 Blue W：白色 White

BST8013 系列 Series

BST	80	13	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆急停按钮 Ex-proof Emergency Button	电压 Voltage 1：AC 690V 2：DC 220V	触点类型 Switching Mode 0：一常开/一常闭 one Normal Open, one Normal Close 1：二常开 Two Normal Open 2：二常闭 Two Normal Clos	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors R：红色 Red G：绿色 Green B：黑色 Black

BST8014 系列 Series

BST	80	14	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆带灯按钮 Ex-proof Emergency Illuminated Button	电压 Voltage 1：AC 690V 2：DC 220V	触点类型 Switching Mode 0：一常开/一常闭 one Normal Open, one Normal Close 1：二常开 Two Normal Open 2：二常闭 Two Normal Clos	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors R：红色 Red G：绿色 Green Y：黄色 Yellow B：蓝色 Blue W：白色 White

BST8015 系列 Series

BST	80	15	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆开关 Ex-proof Switch	电压 Voltage 1：AC 690V 2：DC 220V	触点类型 Switching Mode 0：开关代号 Switch Code 1：开关代号 Switch Code 2：开关代号 Switch Code 详细见开关代号说明 For Details, Please Refer to The Switch Code Description	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors N：本色 Original Corlor

BST8016 系列 Series

BST	80	16	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆转换开关 Ex-proof Change-over Switch	电压 Voltage 1：AC 690V 2：DC 220V	触点类型 Switching Mode 0：开关代号 Switch Code 1：开关代号 Switch Code 2：开关代号 Switch Code 详细见开关代号说明 For Details, Please Refer to The Switch Code Description	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors N：本色 Original Corlor

BST8017 系列 Series

BST	80	17	□	□	□	□
倍仕得 BEISIT	Ex元件 Ex-components	防爆观察窗模块 Ex-proof Viewing Window	仪表属性 Model Number 1：电流表 Ammeter 2：电压表 Voltmeter 3：其他	仪表类型 Type of Meters 1：48表 48 Type Meter 2：72表 72 Type Meter	材质 Material 1：铝合金 Aluminium Alloy 6063 2：不锈钢 Stainless Steel	颜色 Colors N：本色 Original Corlor

隔爆Ex元件(防爆信号灯)
Ex-proof Signal Light

BEISIT

→ BST8011系列 Series

IECEx ATEX RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃

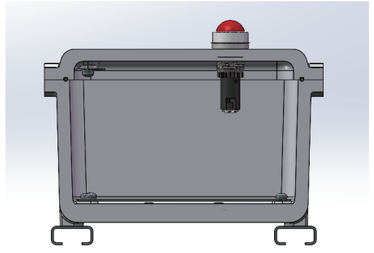
认证数据 Authentication Certificate

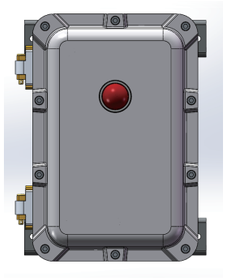
认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof certificate	Ex db IIC Gb Ex tb IIIC Db

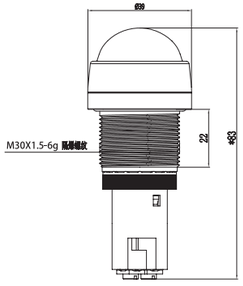
开孔数据 Hole Opening Data

螺纹规格 Ex-proof thread	材质 Material	额定功率 Rated Current	额定电压 Rated Voltage	额定频率 Rated Frequency	颜色 Colors	订货号 Part Number
M30*1.5	铝合金 Aluminium Alloy	功率≤1W Power≤1W	AC/DC 24-36V	50/60HZ	绿 Green 红 Red 黄 Yellow 蓝 Blue 白 White	BST8011111R BST8011111G BST8011111Y BST8011111B BST8011111W
M30*1.5	铝合金 Aluminium Alloy	功率≤1W Power≤1W	AC 220-380V	50/60HZ	绿 Green 红 Red 黄 Yellow 蓝 Blue 白 White	BST8011121R BST8011121G BST8011121Y BST8011121B BST8011121W
M30*1.5	不锈钢 Stainless Steel	功率≤1W Power≤1W	AC/DC 24-36V	50/60HZ	绿 Green 红 Red 黄 Yellow 蓝 Blue 白 White	BST8011112R BST8011112G BST8011112Y BST8011112B BST8011112W
M30*1.5	不锈钢 Stainless Steel	功率≤1W Power≤1W	AC 220-380V	50/60HZ	绿 Green 红 Red 黄 Yellow 蓝 Blue 白 White	BST8011122R BST8011122G BST8011122Y BST8011122B BST8011122W

外形图样 Appearance





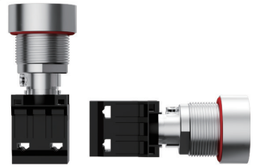


隔爆Ex元件(防爆按钮)
Ex-proof Button

→ BST8012系列 Series

IECEx ATEX CCC RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃



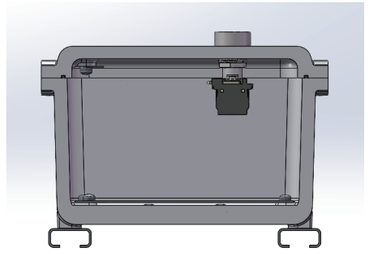
认证数据 Authentication Certificate

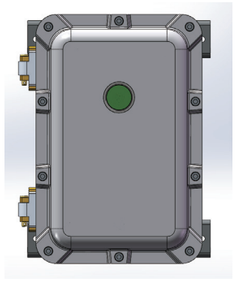
认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb Ex tb IIIC Db

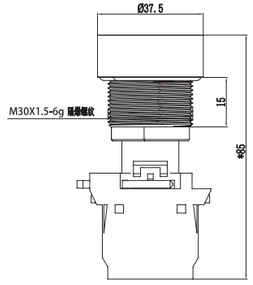
开孔数据 Hole opening Data

螺纹规格 Ex-proof thread	材质 Material	最大电压 Max Current	最大电流 Rated Voltage	触点类型 Switching mode	颜色 Colors	订货号 Part Number
M30*1.5	铝合金 Aluminium Alloy	690V	10A	一常开/一常闭 NO/NC	绿 Green	BST8012101G
					红 Red	BST8012101R
					黄 Yellow	BST8012101Y
					蓝 Blue	BST8012101B
					白 White	BST8012101W
M30*1.5	铝合金 Aluminium Alloy	690V	10A	二常开 2NO	绿 Green	BST8012111G
					红 Red	BST8012111R
					黄 Yellow	BST8012111Y
					蓝 Blue	BST8012111B
					白 White	BST8012111W
M30*1.5	不锈钢 Stainless Steel	690V	10A	一常开/一常闭 NO/NC	绿 Green	BST8012102G
					红 Red	BST8012102R
					黄 Yellow	BST8012102Y
					蓝 Blue	BST8012102B
					白 White	BST8012102W
M30*1.5	不锈钢 Stainless Steel	690V	10A	二常开 2NO	绿 Green	BST8012112G
					红 Red	BST8012112R
					黄 Yellow	BST8012112Y
					蓝 Blue	BST8012112B
					白 White	BST8012112W

外形图样 Appearance





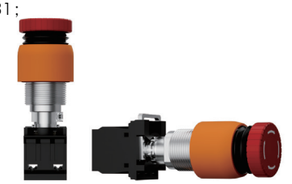


隔爆Ex元件(防爆急停按钮)
Ex-proof Emergency Button

→ BST8013系列 Series

IECEx ATEX CCC RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃



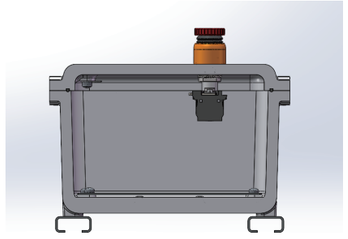
认证数据 Authentication Certificate

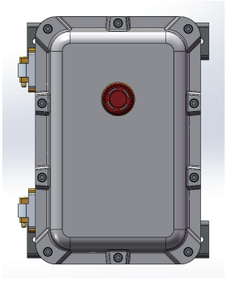
认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb Ex tb IIIC Db

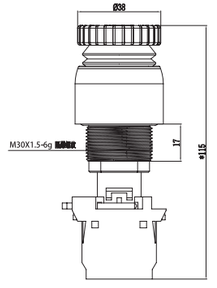
开孔数据 Hole Opening Data

螺纹规格 Ex-proof thread	材质 Material	最大电压 Max Current	最大电流 Rated Voltage	触点类型 Switching mode	颜色 Colors	订货号 Part Number
M30*1.5	铝合金 Aluminium Alloy	690V	10A	一常开/一常闭 NO/NC	绿 Green	BST8013101G
					红 Red	BST8013101R
					黑 Back	BST8013101H
M30*1.5	铝合金 Aluminium Alloy	690V	10A	二常开 2NO	绿 Green	BST8013111G
					红 Red	BST8013111R
					黑 Back	BST8013111H
M30*1.5	不锈钢 Stainless Steel	690V	10A	一常开/一常闭 NO/NC	绿 Green	BST8013102G
					红 Red	BST8013102R
					黑 Back	BST8013102H
M30*1.5	不锈钢 Stainless Steel	690V	10A	二常开 2NO	绿 Green	BST8013112G
					红 Red	BST8013112R
					黑 Back	BST8013112H

外形图样 Appearance







隔爆Ex元件(防爆带灯按钮)
Ex-proof Emergency Illuminated Button

→ BST8014系列 Series

IECEx CCC ATEX RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃

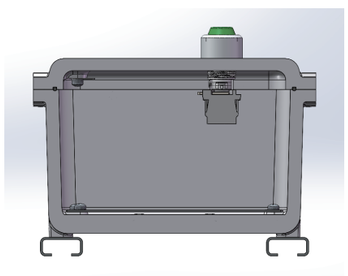
认证数据 Authentication Certificate

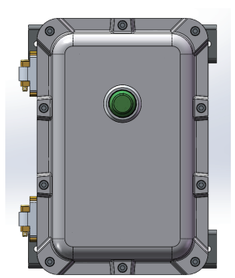
认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb Ex tb IIIC Db

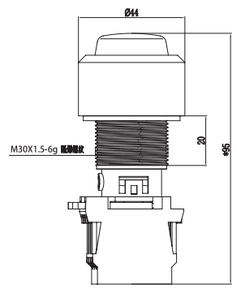
开孔数据 Hole Opening Data

螺纹规格 Ex-proof thread	材质 Material	信号灯电压 Rated Current	信号灯电流 Rated Voltage	触点类型 Switching mode	颜色 Colors	订货号 Part Number
M30*1.5	铝合金 Aluminium Alloy	AC220-380V	4A	一常开/一常闭 NO/NC	绿 Green	BST8014101G
					红 Red	BST8014101R
					黄 Yellow	BST8014101Y
					蓝 Blue	BST8014101B
					白 White	BST8014101W
M30*1.5	铝合金 Aluminium Alloy	AC220-380V	4A	二常开 2NO	绿 Green	BST8014111G
					红 Red	BST8014111R
					黄 Yellow	BST8014111Y
					蓝 Blue	BST8014111B
					白 White	BST8014111W
M30*1.5	不锈钢 Stainless Steel	AC/DC 24-36V	5A	一常开/一常闭 NO/NC	绿 Green	BST8014202G
					红 Red	BST8014202R
					黄 Yellow	BST8014202Y
					蓝 Blue	BST8014202B
					白 White	BST8014202W
M30*1.5	不锈钢 Stainless Steel	AC/DC 24-36V	5A	二常开 2NO	绿 Green	BST8014212G
					红 Red	BST8014212R
					黄 Yellow	BST8014212Y
					蓝 Blue	BST8014212B
					白 White	BST8014212W

外形图样 Appearance





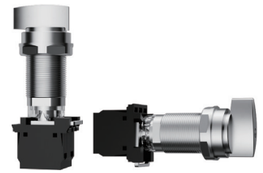


隔爆Ex元件(防爆开关)
Ex-proof Switch

→ BST8015系列 Series

IECEx CCC ATEX RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃



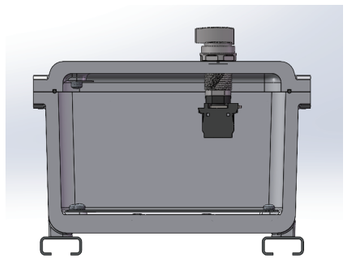
认证数据 Authentication Certificate

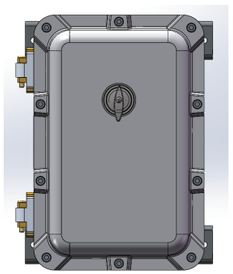
认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb Ex tb IIIC Db

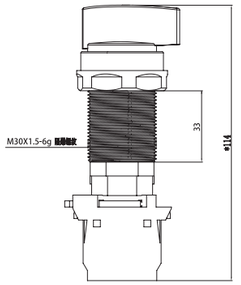
开孔数据 Hole Opening Data

螺纹规格 Ex-proof thread	材质 Material	最大电压 Max Current	最大电流 Rated Voltage	触点类型 Switching mode	颜色 Colors	订货号 Part Number
M30*1.5	铝合金 Aluminium Alloy	690V	10A	A：开关代号 Switch Code B：开关代号 Switch Code C：开关代号 Switch Code 如:开关代号 For Example: Switch Code:A	N：本色 True Color	BST8015101N BST8015111N BST8015121N
M30*1.5	不锈钢 Stainless Steel	690V	10A	A：开关代号 Switch Code B：开关代号 Switch Code C：开关代号 Switch Code 如:开关代号 For Example: Switch Code:A	N：本色 True Color	BST8015201N BST8015211N BST8015221N

外形图样 Appearance







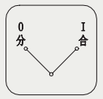
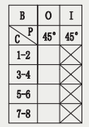
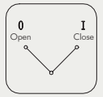
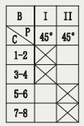
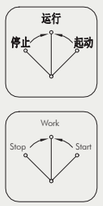
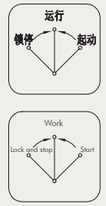
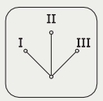
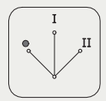
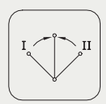
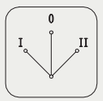
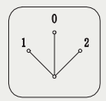
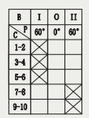
隔爆Ex元件(防爆开关)
Ex-proof Switch

BEISIT

→ BST8015系列 Series

IECEx ATEX RoHS REACH

表1 Table 1

开关代号 Switch Code	接触图 Contact Diagram	开关位置 Switch Position	开关代号 Switch Code	接触图 Contact Diagram	开关位置 Switch Position	开关代号 Switch Code	接触图 Contact Diagram	开关位置 Switch Position
A			B			C		
D			E			F		
G			H			I		
J			K			L		
M			N			O		
P			Q			R		

隔爆Ex元件(防爆转换开关)
Ex-proof Change-over Switch

BEISIT

→ BST8016系列 Series

IECEx ATEX RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃

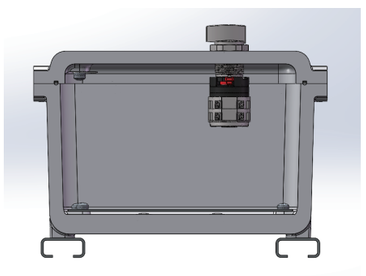
认证数据 Authentication Certificate

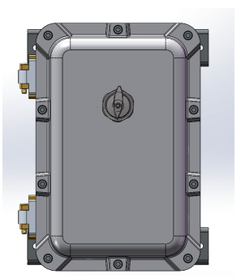
认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb Ex tb IIIC Db

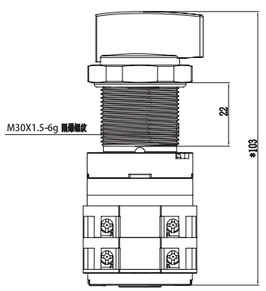
开孔数据 Hole Opening Data

螺纹规格 Ex-proof thread	材质 Material	最大电压 Max Current	最大电流 Rated Voltage	触点类型 Switching mode	颜色 Colors	订货号 Part Number
M30*1.5	铝合金 Aluminium Alloy	690V	10A	A：开关代号 Switch Code B：开关代号 Switch Code C：开关代号 Switch Code 如:开关代号 For Example: Switch Code:A	N：本色 True Color	BST8016101N BST8016111N BST8016121N
M30*1.5	不锈钢 Stainless Steel	690V	10A	A：开关代号 Switch Code B：开关代号 Switch Code C：开关代号 Switch Code 如:开关代号 For Example: Switch Code:A	N：本色 True Color	BST8016201N BST8016211N BST8016221N

外形图样 Appearance







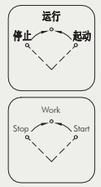
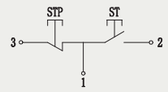
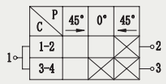
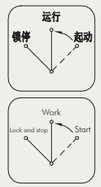
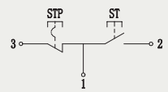
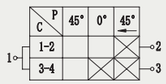
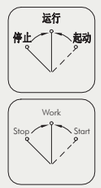
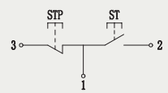
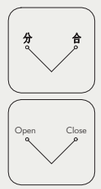
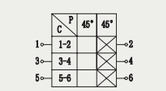
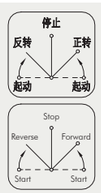
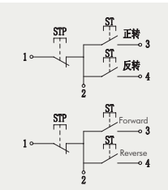
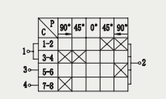
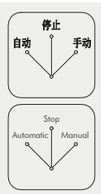
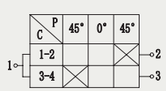
隔爆Ex元件(防爆转换开关)
Ex-proof Change-over Switch

BEISIT

→ BST8016系列 Series

IECEx ATEX CCC RoHS REACH

表2 Table 2

开关代号 Switch Code	开关位置 Switch Position	等效开关 Equivalent Switch	接触图 Contact Diagram	等效功能说明 Equivalent Functional Description
A				功能接线均与双按钮相同，自动复位。 Wiring functions identical to dual-button switches, with auto-reset.
B				功能与双按钮相同，起动自复位，增加了“锁停”档位，防止误操作。 Functions same as dual-button switches, with auto-reset on startup and an added "locked stop" position to prevent accidental operation.
C				两个常开触点的按钮，自动复位，适合高压电机控制电路用。 Two normally open (NO) contact buttons, auto-reset, suitable for high-voltage motor control circuits.
D				做小功率电源开关。如小轴流风机、水泵等。 Used for low-power supply switching (e.g., small axial fans, pumps).
E				功能与三按钮相同，控制电机正、反转用，正、反起动自动复位。 Functions identical to three-button switches, for motor forward/reverse control with auto-reset.
F				选择开关，中间带停止档位。 Selector switch with a neutral stop position in the center.

隔爆Ex元件(防爆转换开关)
Ex-proof Change-over Switch

BEISIT

→ BST8016系列 Series

IECEx ATEX CCC RoHS REACH

表2 Table 2

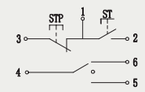
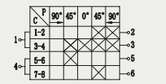
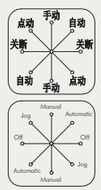
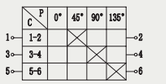
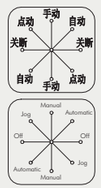
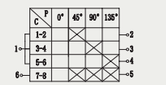
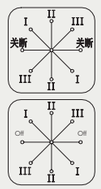
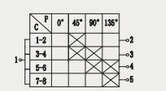
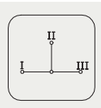
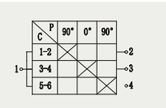
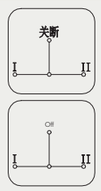
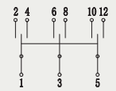
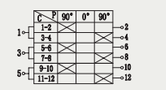
开关代号 Switch Code	开关位置 Switch Position	等效开关 Equivalent Switch	接触图 Contact Diagram	等效功能说明 Equivalent Functional Description
G				相当于两个按钮和一个切换开关装于一轴，在起动与停止前均可输出联络信号或监控信号。 Combines two buttons and a toggle switch on a single shaft, outputs connection or monitoring signals before start/stop.
H				旋转方向任意，多信号逐级传送。 Rotates freely in any direction, supports multi-signal step-by-step transmission.
I				在H基础上增加了总信号传送功能。 Adds master signal transmission functionality based on Switch H.
J				二进制编码，逐级切换。 Binary-coded, step-by-step switching.
K				切换开关。 Toggle switch.
L				三级双掷选择开关。 Three-position bistable selector switch.

表2 Table 2

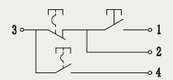
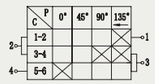
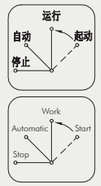
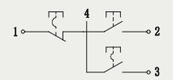
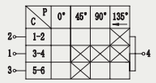
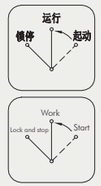
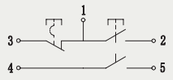
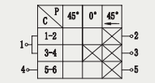
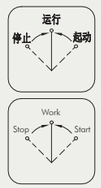
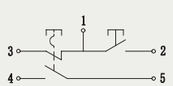
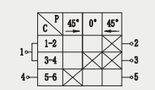
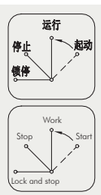
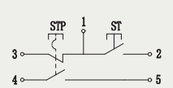
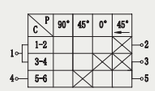
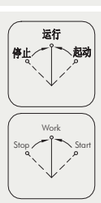
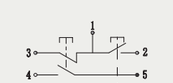
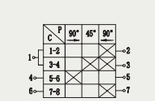
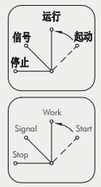
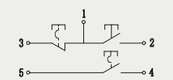
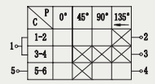
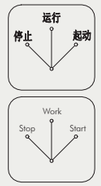
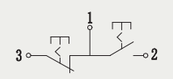
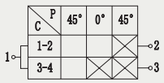
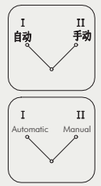
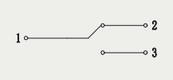
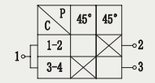
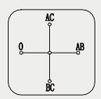
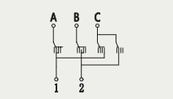
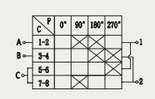
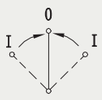
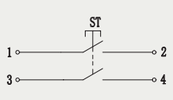
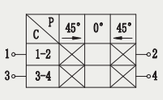
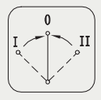
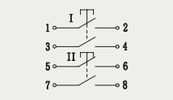
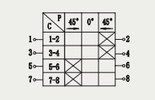
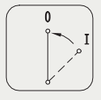
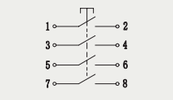
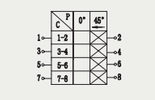
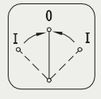
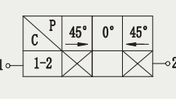
开关代号 Switch Code	开关位置 Switch Position	等效开关 Equivalent Switch	接触图 Contact Diagram	等效功能说明 Equivalent Functional Description
M				自动、手动、起动三位置转换开关，起动自复位，起动后必须经过停止档位才能转向自动档位。 Auto/Manual/Start three-position transfer switch: Start position is self-resetting. After starting, it must pass through the Stop position to switch to the Auto position.
N				与M型开关结构略有不同，在手动起动后不经停止档位直接转向自动档位。 Differences from M-type switch: After manual start, it can directly switch to Auto position without passing through Stop.
O				起动为双触点自复位，带锁停功能。 Start function: Dual contacts with self-resetting and lock-stop capability.
P				停止为双触点，也可分别代替A或C 起、停均自动复位。 Stop function: Dual contacts; can independently replace A or C. Both Start and Stop positions are self-resetting.
Q				停止带双触点，起动自复位，带锁停档位。 Stop with dual contacts: Start is self-resetting, and Stop includes a lock-stop position.
R				起动、停止均带双触点，起动、停止均自动复位。 Start/Stop with dual contacts: Both Start and Stop positions are self-resetting.

表2 Table 2

开关代号 Switch Code	开关位置 Switch Position	等效开关 Equivalent Switch	接触图 Contact Diagram	等效功能说明 Equivalent Functional Description
S				起动、停止前先传递一个联络信号。 Pre-operation signal: A linkage signal is transmitted before Start or Stop actions.
T				起动、停止均可带锁定装置，将开关锁定在起动或停止档，避免误操作,不自动复位。 Locking Station: Start and Stop positions can be locked to prevent accidental operation (non-self-resetting).
U				双控选择开关。 Dual-control selector switch.
V				电压换相测量转换开关。 Voltage measurement transfer switch. A 2 normally open (NO) self-resetting button, operable from left and right.
W				一个2常开自复位按钮，左、右操作。 Two 2 normally open (NO) self-resetting buttons.
X				两个2常开自复位按钮。 Two normally open self-reset buttons.
Y				带4个常开触点的自复位按钮。 A self-reset button with four normally open contacts.
Z				电源开关，中间断开，左、右均接通可作消防开关。 The power switch is middle-disconnected, and both left and right positions can serve as fire switches.

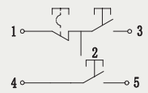
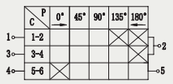
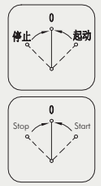
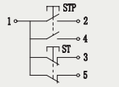
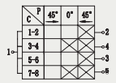
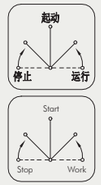
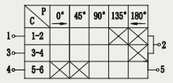
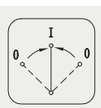
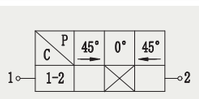
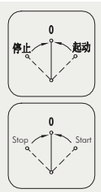
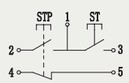
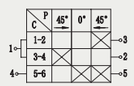
隔爆Ex元件(防爆转换开关)
Ex-proof Change-over Switch

BEISIT

→ BST8016系列 Series

IECEx ATEX RoHS REACH

表2 Table 2

开关代号 Switch Code	开关位置 Switch Position	等效开关 Equivalent Switch	接触图 Contact Diagram	等效功能说明 Equivalent Functional Description
a				可用于起动、点动混合电路。 It can be used in the starting and inching mixed circuit.
b				双联自动开关。 Double-linked automatic switch.
c				三个复位按钮，适用于降压起动电路。 Three reset buttons, which are suitable for the step-down starting circuit.
d				急停时使用，左、右操作均断开。 For emergency stop. Disconnects on both left and right operations.
e				两常开触点的按钮，自动复位，带组信号触点，适用于高压电机控制。 A button with two normally open contacts and automatic reset, equipped with a set of signal contacts, suitable for high-voltage motor control.

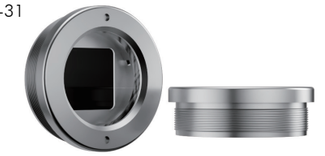
隔爆Ex元件(隔爆观察窗模块)
Ex-proof Viewing Window

BEISIT

→ BST8017系列 Series

IECEx ATEX RoHS REACH

符合标准 Standard Complied: IEC 60079-0,IEC 60079-1,IEC 60079-7,IEC 60079-15,IEC 60079-31;
适用范围 Application Scope: EN 60079-0,EN 60079-1,EN 60079-7,EN 60079-15,EN 60079-31
GB/T 3836.1、GB/T 3836.2、GB/T 3836.3、GB/T 3836.31
适用于气体1、2区；粉尘21、22区
Suitable for Gas Zones 1 and 2; Dust Zones 20, 21, and 22
防护等级 IP Rating: IP66
抗冲击性能 Impact Resistance: 7J
工作温度 Operating Temperature: -60℃~+130℃



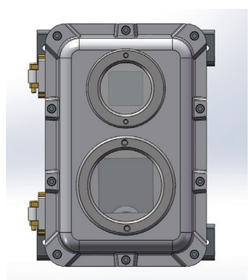
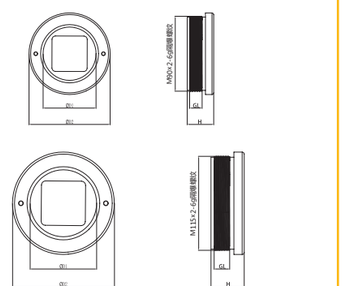
认证数据 Authentication Certificate

认证类别 Certificate Type	防爆标志 Ex-Mark	认证类别 Certificate Type	防爆标志 Ex-Mark
IECEx证书 Certificate	Ex db IIC Gb Ex tb IIIC Db	CCC证书 Certificate	Ex db IIC Gb Ex tb IIIC Db
ATEX证书 Certificate	⟨Ex⟩ II 2 G Ex db IIC Gb ⟨Ex⟩ II 2 D Ex tb IIIC Db	防爆合格证 Explosion-proof Certificate	Ex db IIC Gb Ex tb IIIC Db

开孔数据 Hole Opening Data

螺纹规格 Ex-proof thread	材质 Material	仪表类型 Rated Current	额定电压 Rated Voltage	额定频率 Switching mode	颜色 Colors	订货号 Part Number
M90×2.0	铝合金 Aluminium Alloy	48表	AC/DC 24-36V	50/60HZ	N: 本色 True Color	BST8017111N BST8017211N
M123×2.0	铝合金 Aluminium Alloy	72表	AC 220-380V	50/60HZ	N: 本色 True Color	BST8017121N BST8017221N
M90×2.0	不锈钢 Stainless Steel	48表	AC/DC 24-36V	50/60HZ	N: 本色 True Color	BST8017112N BST8017212N
M123×2.0	不锈钢 Stainless Steel	72表	AC 220-380V	50/60HZ	N: 本色 True Color	BST8017122N BST8017222N

外形图样 Appearance

防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

防水防尘防腐箱选型指南
Waterproof, Dustproof and Anti-corrosion Junction Box Selection-guide

→ BST5110/20/30F系列 Series

产品系列 Product Series	BST5110F 系列 Series	BST5120F 系列 Series	BST5130F 系列 Series
材质 Material	铸铝 Cast Aluminium(ADC12)	玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester	不锈钢 Stainless Steel (304/316/316L)
密封材质 Sealing Material	硅胶 Silicone Rubber	硅胶 Silicone Rubber	PU 点胶硅胶 平板硅胶 Dispensing Silicone Rubber Normal Silicone Rubber
防护等级 IP Rating	IP66		
箱体编号 Box Number	1#～29#	1#～21#	1#～17#
详细页码 Page Number	P167-P168	P169-P171	P172-P173

型号含义 Model Meaning

BST	□	□	□	□	□	□
倍仕得 BEISIT	名称 Name 5：箱（盒） Junction Box (Enclosure)	属性 Stats 1：整机 Empty Container	材质 Material 10：铸铝 Cast Aluminium(ADC12) 20：玻璃纤维增强聚酯 Glass Fiber Reinforced Polyester 30：不锈钢 Stainless Steel (304、316、316L)	箱体尺寸代码 Box Size Code 01# 02# 03#	结构形式 Structure Form 1：螺钉式 Screw Type 2：螺钉+铰链式 Screw + Hinge Type 3：锁+铰链式 Lock + Hinge Type	功能类别 Function Category F：防水防尘防腐 Waterproof, Dustproof and Anti-corrosion

举例：01#空箱尺寸64*58*36mm，型号即为：BST5010011F
For Example: 01# Box Size 64*58*36mm, The Model is: BST5010011F

防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

→ BST5110F系列 Series

适用范围 Application Scope:	适用于需要高防护等级和稳定电力供应的工业和环境条件恶劣的场合 Suitable for Industrial and Harsh Environmental Conditions That Require High Protection Levels and Stable Power Supply
防护等级 IP Rating:	IP66
抗冲击性能 Impact Resistance:	7J
工作温度 Operating Temperature:	-55℃~+130℃
材料 Material:	铸铝 Cast Aluminium(ADC12)
耐腐蚀性等级 Corrosion resistance level:	WF1

功能定义 Function Definition

防水，防尘，防腐箱通常称为三防箱，其主要功能包括：
防水：能够在潮湿环境中工作，防止水分侵入。
防尘：能够有效阻挡灰尘进入箱内，保护电气元件。
防腐：能够抵抗腐蚀性物质的侵蚀，延长使用寿命。
Waterproof, dustproof, and anti-corrosion boxes are usually called three-proof boxes. Their main functions include:
Waterproof: Able to work in a humid environment and prevent moisture intrusion.
Dustproof: Can effectively block dust from entering the box and protect electrical components.
Anti-corrosion: Can resist the erosion of corrosive substances and extend service life.

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板紧固件 Fasteners for The Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	接地标识 Grounding Indication	304不锈钢 Stainless Steel
	铭牌 Nameplate	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

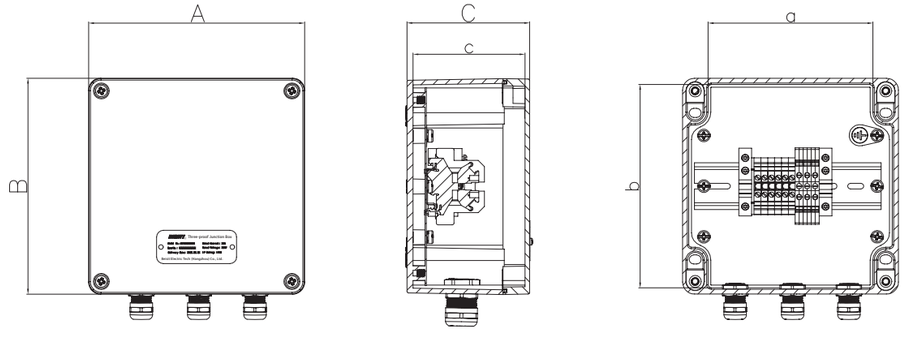
图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	接线端子 Terminal Block	PA
	电缆固定头 Cable Gland	金属 Metal

防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box
→ BST5110F系列 Series

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm) 长 long A	宽 wide B	高 high C	型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	64	58	36	BST5110011F	最小距离≥3	D/E	1	/	/	/	/	/	/	/	/	/
							1	/	/	/	/	/	/	/	/	/
2	98	64	36	BST5110021F		F/G	3	/	/	/	/	/	/	/	/	/
							2	/	/	/	/	/	/	/	/	/
3	150	64	36	BST5110031F			5	/	/	/	/	/	/	/	/	/
							2	/	/	/	/	/	/	/	/	/
4	115	65	55	BST5110041F			4	3	3	3	3	2	/	/	/	/
							1	1	1	/	/	/	/	/	/	/
5	82	77	57	BST5110051F			3	2	2	1	1	1	/	/	/	/
							3	2	2	1	1	1	/	/	/	/
6	127	82	57	BST5110061F			7	3	3	3	3	2	/	/	/	/
							2	1	1	1	1	1	/	/	/	/
7	175	80	57	BST5110071F			11	5	5	4	4	3	/	/	/	/
							3	2	2	1	1	1	/	/	/	/
8	250	80	57	BST5110081F			18	8	8	7	6	5	/	/	/	/
							3	2	2	1	1	1	/	/	/	/
9	108	80	60	BST5110091F			5	3	3	2	2	2	/	/	/	/
							2	1	1	1	1	1	/	/	/	/
10	140	80	60	BST5110101F			10	5	5	3	3	3	2	/	/	/
							2	1	1	1	1	1	1	/	/	/
11	100	100	80	BST5110111F			8	5	5	3	3	2	1	1	/	/
							5	4	4	2	2	1	1	1	/	/
12	160	100	80	BST5010121F			17	10	10	5	5	3	2	2	/	/
							5	4	4	2	2	1	1	1	/	/
13	200	100	80	BST5110131F			21	12	12	7	7	4	3	2	/	/
							5	4	4	2	2	1	1	1	/	/
14	125	125	80	BST5110141F			9	6	6	3	3	2	1	1	/	/
							5	4	4	2	2	1	1	1	/	/
15	360	120	80	BST5110151F			28	24	24	10	10	8	6	5	/	/
							5	3	2	1	1	1	1	1	/	/
16	220	125	80	BST5110161F			23	14	14	7	7	5	3	3	/	/
							5	4	4	2	2	1	1	1	/	/
17	220	140	90	BST5010171F			23	12	12	10	10	5	3	2	1	1
							8	5	5	4	4	2	1	1	1	/
18	160	160	90	BST5110181F			15	8	8	8	8	3	2	2	1	1
							11	6	6	6	6	3	2	1	1	/
19	260	160	90	BST5110191F			30	16	16	14	14	7	4	3	3	/
							11	6	6	6	6	3	2	1	1	/
20	360	160	90	BST5110201F			42	24	24	20	20	8	6	5	4	/
							11	6	6	6	6	3	2	1	1	/
21	560	160	90	BST5110211F			66	36	36	32	32	12	10	8	3	/
							11	6	6	6	6	3	2	1	1	/
22	280	180	100	BST5110221F			30	18	18	14	14	6	4	3	3	/
							12	8	8	6	6	3	2	1	1	/
23	180	180	101	BST5110231F			18	10	10	8	8	5	3	2	2	/
							12	8	8	6	6	3	2	1	1	/
24	230	200	110	BST5110241F			26	18	18	14	14	8	3	3	2	2
							28	18	18	15	15	8	5	3	2	2
25	280	230	110	BST5110251F			50	27	27	24	24	12	8	3	3	3
							26	18	18	10	10	8	4	2	2	2
26	330	230	120	BST5110261F			52	33	33	27	27	14	10	5	4	3
							26	18	18	10	10	8	4	2	2	2
27	400	230	110	BST5110271F			64	39	39	29	29	18	13	7	5	4
							26	18	18	10	10	8	4	2	2	2
28	403	313	111	BST5110281F			64	39	39	29	29	18	13	7	5	4
							40	27	27	17	17	12	6	4	3	3
29	600	310	110	BST5110291F			96	60	60	46	46	24	14	8	6	6
							38	26	26	17	17	11	5	3	3	2

外形尺寸 Outline Drawing



防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

→ BST5120F系列 Series

适用范围 Application Scope:	适用于需要高防护等级和稳定电力供应的工业和环境条件恶劣的场合 Suitable for Industrial and Harsh Environmental Conditions That Require High Protection Levels and Stable Power Supply
防护等级 IP Rating:	IP66
抗冲击性能 Impact Resistance:	7J
工作温度 Operating Temperature:	-55℃~+130℃
材料 Material:	玻璃纤维强化聚酯 Glass Fiber Reinforced Resin
耐腐蚀性等级 Corrosion resistance level:	WF2

功能定义 Function Definition

防水，防尘，防腐箱通常称为三防箱，其主要功能包括：
防水：能够在潮湿环境中工作，防止水分侵入。
防尘：能够有效阻挡灰尘进入箱内，保护电气元件。
防腐：能够抵抗腐蚀性物质的侵蚀，延长使用寿命。
Waterproof, dustproof, and anti-corrosion boxes are usually called three-proof boxes. Their main functions include:
Waterproof: Able to work in a humid environment and prevent moisture intrusion.
Dustproof: Can effectively block dust from entering the box and protect electrical components.
Anti-corrosion: Can resist the erosion of corrosive substances and extend service life.

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板紧固件 Fasteners for The Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	铭牌 Nameplate	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	接线端子 Terminal Block	PA
	电缆固定头 Cable Gland	PA尼龙 PA Nylon

防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

→ BST5120F带接地板系列 (With Flange Plate) Series

适用范围 Application Scope:	适用于需要高防护等级和稳定电力供应的工业和环境条件恶劣的场合 Suitable for Industrial and Harsh Environmental Conditions That Require High Protection Levels and Stable Power Supply
防护等级 IP Rating:	IP66
抗冲击性能 Impact Resistance:	7J
工作温度 Operating Temperature:	-55℃~+130℃
材料 Material:	玻璃纤维强化聚酯 Glass Fiber Reinforced Resin
耐腐蚀性等级 Corrosion resistance level:	WF2

功能定义 Function Definition

防水，防尘，防腐箱通常称为三防箱，其主要功能包括：
防水：能够在潮湿环境中工作，防止水分侵入。
防尘：能够有效阻挡灰尘进入箱内，保护电气元件。
防腐：能够抵抗腐蚀性物质的侵蚀，延长使用寿命。
Waterproof, dustproof, and anti-corrosion boxes are usually called three-proof boxes. Their main functions include:
Waterproof: Able to work in a humid environment and prevent moisture intrusion.
Dustproof: Can effectively block dust from entering the box and protect electrical components.
Anti-corrosion: Can resist the erosion of corrosive substances and extend service life.

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板紧固件 Fasteners for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	铭牌 Nameplate	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	接线端子 Terminal Block	PA
	电缆固定头 Cable Gland	金属 Metal
	接地铜板 Grounding Copper Plate	黄铜 Brass
	接地螺杆 Grounding Screw	304 316 316L 不锈钢 Stainless Steel

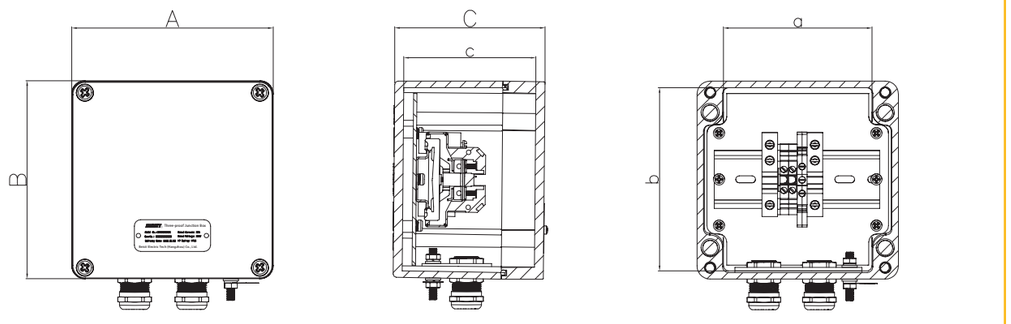
防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

→ BST5120F系列 Series

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm) 长 long A	宽 wide B	高 high C	型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	80	75	75	BST5120011F	最小距离≥3	D/E F/G	5 2	4 1	4 1	1 1	1 1	1 /	1 /	1 /	/ /	/ /
2	110	75	75	BST5120021F			17 2	10 1	10 1	11 1	11 1	3 /	2 /	2 /	/ /	/ /
3	160	75	75	BST5120031F			20 2	12 1	12 1	5 1	5 1	4 /	3 /	2 /	/ /	/ /
4	190	75	75	BST5120041F			11 8	8 5	8 5	5 3	5 3	2 2	1 1	1 1	1 /	/ /
5	230	75	75	BST5120051F			23 8	14 5	14 5	12 3	12 3	4 2	3 1	3 1	2 /	/ /
6	122	120	91	BST5120061F			15 8	11 6	11 6	8 5	8 5	3 2	2 1	2 1	1 /	/ /
7	220	120	91	BST5120071F			27 8	16 6	16 6	14 5	14 5	5 2	4 1	3 1	3 1	/ /
8	160	160	91	BST5120081F			42 8	24 6	24 6	20 5	20 5	8 2	6 1	5 1	4 1	/ /
9	260	160	91	BST5120091F			69 8	40 6	40 6	34 5	34 5	13 2	10 1	8 1	7 1	/ /
10	360	360	91	BST5120101F			36 27	32 18	32 18	21 10	21 10	10 8	8 3	3 2	3 2	2 2
11	560	160	91	BST5120111F			96 27	60 18	60 18	54 10	54 10	24 8	20 3	8 2	6 2	6 2
12	360	160	91	BST5120121F			36 27	32 18	32 18	21 10	21 10	10 8	8 3	3 2	3 2	2 2
13	255	250	121	BST5120131F			60 27	39 18	39 18	22 10	22 10	16 8	6 3	5 2	4 2	4 2
14	400	250	121	BST5120141F			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
15	600	250	121	BST5120151F			8 2	6 1	6 1	4 1	4 1	2 /	1 /	1 /	/ /	/ /
16	255	250	161	BST5120161F			22 2	16 1	16 1	10 1	10 1	6 /	4 /	2 /	/ /	/ /
17	400	250	161	BST5120171F			52 8	35 6	35 6	18 5	18 5	8 2	6 1	5 1	4 1	/ /
18	405	400	201	BST5120181F			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
19	400	400	210	BST5120191F			105 98	78 72	78 72	55 50	55 50	32 32	18 18	10 10	8 8	8 8
20	160	160	120	BST5120201F			15 8	15 6	11 6	11 5	8 5	8 2	3 1	2 1	2 1	/ /
21	810	400	210	BST5120211F			196 98	132 72	132 72	100 50	100 50	56 32	32 18	20 10	16 8	12 8

外形尺寸 Outline Drawing



防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

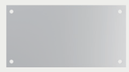
→ BST5130F系列 Series

适用范围 Application Scope:	适用于需要高防护等级和稳定电力供应的工业和环境条件恶劣的场合 Suitable for Industrial and Harsh Environmental Conditions That Require High Protection Levels and Stable Power Supply
防护等级 IP Rating:	IP66
抗冲击性能 Impact Resistance:	7J
工作温度 Operating Temperature:	-55℃~+130℃
材料厚度 Material Thickness:	标配1.5mm（其他定制） 1.5mm (Other Customization)
材料 Material:	不锈钢 Stainless Steel（304、316、S316L）
表面处理 Surface Treatment:	抛光及拉丝 Polished and Brushed
耐腐蚀性等级 Corrosion Resistance Level:	WF2

功能定义 Function Definition

防水，防尘，防腐箱通常称为三防箱，其主要功能包括：
防水：能够在潮湿环境中工作，防止水分侵入。
防尘：能够有效阻挡灰尘进入箱内，保护电气元件。
防腐：能够抵抗腐蚀性物质的侵蚀，延长使用寿命。
Waterproof, dustproof, and anti-corrosion boxes are usually called three-proof boxes. Their main functions include:
Waterproof: Able to work in a humid environment and prevent moisture intrusion.
Dustproof: Can effectively block dust from entering the box and protect electrical components.
Anti-corrosion: Can resist the erosion of corrosive substances and extend service life.

组件数据–标配 Component Data-Standard

图样 Pattern	名称 Item	材料 Material
	安装底板 Mounting Base Plate	镀锌钢板 Galvanized Steel Sheet
	盖板机械锁 Mechanical Lock for the Cover Plate	304不锈钢 Stainless Steel
	盖板密封条 Cover Sealing Strip	硅胶 Silicone
	接地标识 Grounding Indication	304不锈钢 Stainless Steel

组件数据–选配 Component Data-Optional

图样 Pattern	名称 Item	材料 Material
	安装导轨 Installation Guide Rail	镀锌钢板 Galvanized Steel Sheet
	接线端子 Terminal Block	PA
	电缆固定头 Cable Gland	金属 Metal

防水防尘防腐箱
Waterproof, Dustproof and Anti-corrosion Junction Box

BEISIT

→ BST5130F系列 Series

开孔数据 Hole Opening Data

序号 No.	箱体外形尺寸 Box Dimensions (mm)			型号 Model	开孔区域到箱体边最小距离 Min. dist. from opening area to box edge (mm)	电缆固定头安装面 Cable gland mount surface	电缆固定头型号 Cable Gland Model									
	长 long A	宽 wide B	高 high C				M12	M16	M16B	M20	M20B	M25	M32	M40	M50	M63
1	100	100	60	BST5130011F	最小距离≥3	D/E F/G	3 3	3 3	3 3	2 2	2 2	/ /	/ /	/ /	/ /	/ /
2	150	150	80	BST5130021F			9 9	5 5	5 5	4 4	4 4	3 3	/ /	/ /	/ /	/ /
3	200	150	80	BST5130031F			15 9	7 5	7 5	5 4	5 4	4 3	/ /	/ /	/ /	/ /
4	300	200	110	BST5130041F BST5130042F BST5130043F			36 23	20 12	20 12	15 9	15 9	8 5	5 3	4 3	/ /	/ /
5	400	200	150	BST5130051F BST5130052F BST5130053F			82 32	42 18	42 18	36 17	36 17	18 11	14 8	6 3	5 2	4 2
6	400	400	150	BST5130061F BST5130062F BST5130063F			82 68	42 42	42 42	36 36	36 36	18 26	14 14	6 8	5 5	4 4
7	500	400	150	BST5130071F BST5130072F BST5130073F			84 68	54 42	54 42	45 36	45 36	29 26	18 14	9 8	6 5	5 4
8	400	400	210	BST5130081F BST5130082F BST5130083F			110 110	84 84	84 84	60 60	60 60	36 36	21 21	12 12	10 10	8 8
9	500	500	210	BST5130091F BST5130092F BST5130093F			147 147	108 108	108 108	80 80	80 80	48 48	27 27	18 18	12 12	12 12
10	600	400	210	BST5130101F BST5130102F BST5130103F			182 119	132 84	132 84	95 60	95 60	56 36	33 21	18 14	14 10	14 8
11	700	400	210	BST5130111F BST5130112F BST5130113F			210 119	156 84	156 84	110 60	110 60	68 36	39 21	29 14	18 10	16 8
12	700	700	300	BST5130121F BST5130122F BST5130123F			330 330	260 260	260 260	176 176	176 176	102 102	65 65	40 40	30 30	24 24
13	800	600	300	BST5130131F BST5130132F BST5130133F			385 286	261 220	261 220	200 152	200 152	114 84	75 55	48 36	30 24	21 21
14	1000	800	300	BST5130141F BST5130142F BST5130143F			484 385	333 261	333 261	256 200	256 200	144 114	95 75	60 48	39 30	33 27
15	800	800	400	BST5130151F BST5130152F BST5130153F			560 560	390 390	390 390	286 286	286 286	171 171	105 105	60 60	50 50	36 36
16	900	900	400	BST5130161F BST5130162F BST5130163F			600 600	429 429	429 429	319 319	319 319	176 176	118 118	65 65	44 44	40 40
17	1200	1200	400	BST5130171F BST5130172F BST5130173F			795 795	585 585	585 585	429 429	429 429	232 232	132 132	90 90	60 60	56 56

外形尺寸 Outline Drawing