

Golnoor

Light up Your Life

Explosion Proof Product



Golnoor

Light up Your Life

About Us

Golnoor is a leading manufacturer specializing in high-quality outdoor lighting solutions. With over 30 years of experience, we provide innovative, reliable, and energy-efficient lighting bodies. Our in-house capabilities—spanning design, mold making, die casting, machining, and coating—enable us to deliver customized solutions tailored to our clients' needs.

We take pride in delivering exceptional products backed by strong customer support while maintaining competitive prices. Golnoor's dedication to innovation and excellence has earned the trust of clients across various markets, including Russia, Denmark, and Turkey.

Our mission is to lead the outdoor lighting industry with solutions that enhance environments and support sustainable growth worldwide.

With 1,000+ skilled workers and experts and a 65,000 m² state-of-the-art manufacturing facility, we ensure exceptional quality at competitive prices.



Touch or scan the QR code
for exclusive videos.



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Explosion Proof Product

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Explosion Proof

Linear Lighting Fixtures



ASTERIA



ASTERIA lighting fixture, Golnoor series of flame proof light fittings, is the ideal solution for lighting in hazardous areas. This product benefits from a robust flameproof enclosure with the light transmitting part made of borosilicate glass. The standard model features a metallic part made of copper-free aluminum covered with specialized coatings, making it suitable for use in corrosive, high temperature, and humid environments.

For highly aggressive corrosive applications, a model with a full Stainless-Steel (304/316) enclosure is also available, offering superior resistance in the most demanding chemical and saline environments.

The fixture is also suitable for outdoor applications due to its high degree of protection, IP66.

Maintenance is simplified due to the gathering of all electrical components on a single frame moving on guides outwards, thus eliminating the need for removal of the whole fixture for servicing. Through-wiring is included as the default feature which, along with the movable frame, helps to keep connected lightings turned on if one is out of service.

Brackets are available for ceiling, pole, and pendant mountings. Using the available auxiliary bracket along with main brackets facilitates and speeds up servicing. In case fixtures are used in locations with a high risk of mechanical impacts, an external protection and wire guard is available upon request.

Various electrical circuits meet the diverse needs of the lighting industry in hazardous areas. LED light sources with various powers are supplied. Emergency models are provided to ensure lighting in case of power failures, and sign models are available for lighting exit routes and identification of emergency exits.

ASTERIA Series

Explosion proof linear lighting fixtures

The ideal solution for lighting in hazardous areas

- Flameproof enclosure
- Zone 1, 2, 21, 22
- Degree of protection IP66
- LED/Fluorescent light source
- Normal/ Emergency/ Sign applications
- Through wiring
- Simplified maintenance

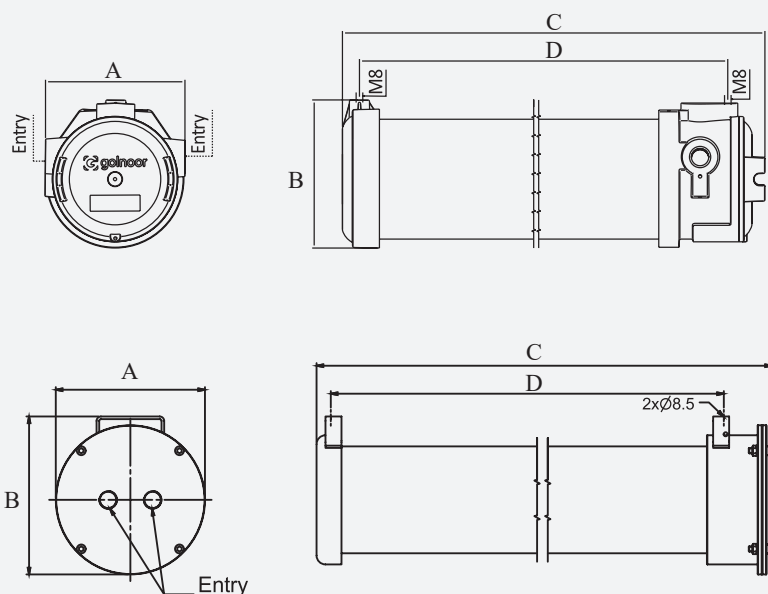
STANDARDS

For ASTERIA product family the following standards have been followed wherever applicable:

- IEC 60079-0
- IEC 60079-1
- IEC 60079-28
- IEC 60079-31
- IEC 60598-1
- IEC60598-2-22
- IEC 60529
- EN BS 1706
- ASTM A240/A240M
- ASTM A312/A312M

FIXTURE SIZES

ASTERIA MODELS

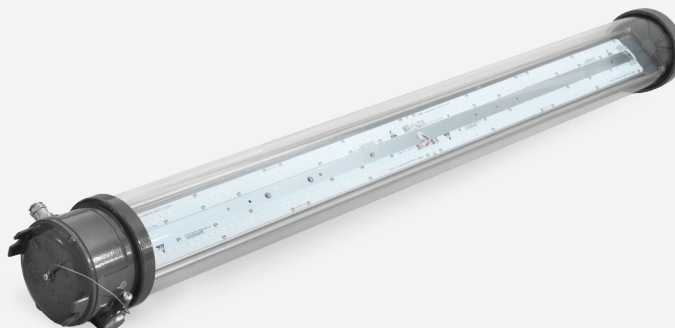
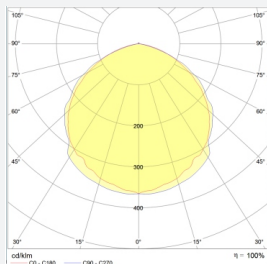


Dimension (mm)								
STANDARD MODELS					Stainless Steel MODELS			
	A	B	C	D	A	B	C	D
Large	140	148	1325	1265	167	177	1270	1200
Medium	140	148	715	655	167	177	660	590
Small	140	148	465	405	167	177	410	340

ASTERIA Linear Lighting

Standard Models

Types: NL, EL

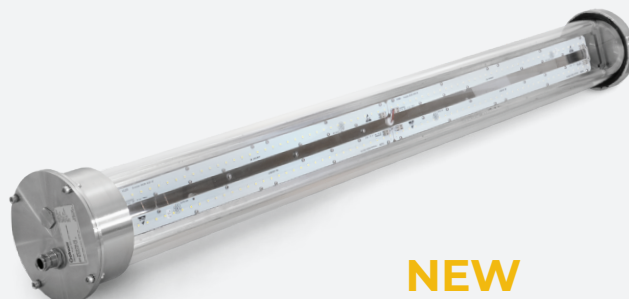
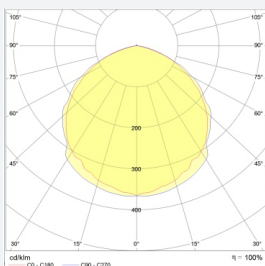


Technical data		
Type	ASTERIA STANDARD	
Application	NL Normal	EL Emergency
Marking (LED TYPE)	Ex db op is IIC T6 GB Ex op is tb IIIC T85°C Db	
Marking (Fluorescent TYPE)	Ex db IIC T6 GB Ex tb IIIC T85°C Db	
IPI IR Ex Certificate	IR EX 25 EPIL 022	
Permissible ambient temperature	-30 °C to 55 °C	
Degree of protection	IP66	
Cable entries	2xM25 or 2xM20	
Dimensions	small, medium, large	
Enclosure Color	RAL 7072	
Enclosure material	Copper free aluminum	
Protective cover	Borosilicate glass	
Type of mounting	Ceiling, Pendant, Pole, Wall	
Power factor	>0.9	
Voltage	110 ~ 230 V AC	
Frequency	50-60 Hz	
Illuminant	LEDs	
Connecting terminals	L,N,PE:6x2.5 mm ² through wiring	L,L1,N,PE:8x2.5 mm ² through wiring
Protection class	I	
Emergency type.	-	Maintained
Battery	-	1.2Ah, 9.6 V
Charging duration	-	24h
Rated operating duration	-	90 min
Rated Luminous Flux 15 W	1730/2330 lm	
Rated Luminous Flux 20 W	2300/3300 lm	
Rated Luminous Flux 30 W	3300/5000 lm	
Rated Luminous Flux 40 W	4800/7000 lm	
Rated Luminous Flux 60 W	7000/10000 lm	

ASTERIA Linear Lighting

Stainless Steel Models

Types: NL, EL



NEW
Products

Technical data		
Type	Stainless Steel	
	NL	EL
Application	Normal	Emergency
Marking (LED TYPE)	Ex db op is IIC T6 GB Ex op is tb IIIC T85°C Db	
IPI IR Ex Certificate	Under Test and Certificate	
Permissible ambient temperature	-30 °C to 55 °C	
Degree of protection	IP66	
Cable entries	2xM25 or 2xM20	
Dimensions	small, medium, large	
Enclosure Color	RAL 7072 (Optional)	
Enclosure material	Stainless Steel (304/316)	
Protective cover	Borosilicate glass	
Type of mounting	Ceiling, Pendant, Pole, Wall	
Power factor	>0.9	
Voltage	110 ~ 230 V AC	
Frequency	50-60 Hz	
Illuminant	LEDs	
Connecting terminals	L,N,PE:6x2.5 mm ² through wiring	L,L1,N,PE:8x2.5 mm ² through wiring
Protection class	I	
Emergency type.	-	Maintained
Battery	-	1.2Ah, 9.6 V
Charging duration	-	24h
Rated operating duration	-	90 min
Rated Luminous Flux 15 W	1730/2330 lm	
Rated Luminous Flux 20 W	2300/3300 lm	
Rated Luminous Flux 30 W	3300/5000 lm	
Rated Luminous Flux 40 W	4800/7000 lm	
Rated Luminous Flux 60 W	7000/10000 lm	

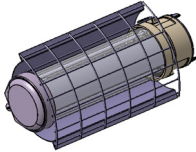
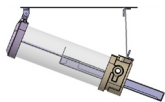
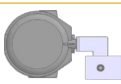
NEW Products

STAINLESS STEEL MODELS



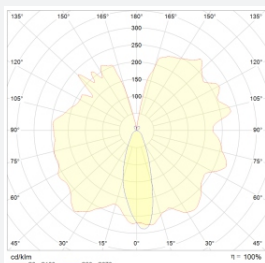
Type	Application	Power	Threads	Size	Order code	
					STANDARD MODELS	Stainless Steel MODELS
ASTERIA NL	Normal	60W	2XM25	Large	X10 NL 60 - L	S-C NL 60 - L
ASTERIA NL	Normal	60W	2xM20	Large	X10 NL 60 - L	S-C NL 60 - L
ASTERIA EL	Emergency	60W	2XM25	Large	X10 EL 60 - L	S-C EL 60 - L
ASTERIA EL	Emergency	60W	2xM20	Large	X10 EL 60 - L	S-C EL 60 - L
ASTERIA NL	Normal	40W	2XM25	Large	X10 NL 40 - L	S-C NL 40 - L
ASTERIA NL	Normal	40W	2xM20	Large	X10 NL 40 - L	S-C NL 40 - L
ASTERIA EL	Emergency	40W	2XM25	Large	X10 EL 40 - L	S-C EL 40 - L
ASTERIA EL	Emergency	40W	2xM20	Large	X10 EL 40 - L	S-C EL 40 - L
ASTERIA NL	Normal	30W	2XM25	Medium	X10 NL 30 - M	S-C NL 30 - M
ASTERIA NL	Normal	30W	2xM20	Medium	X10 NL 30 - M	S-C NL 30 - M
ASTERIA EL	Emergency	30W	2XM25	Medium	X10 EL 30 - M	S-C EL 30 - M
ASTERIA EL	Emergency	30W	2xM20	Medium	X10 EL 30 - M	S-C EL 30 - M
ASTERIA NL	Normal	20W	2XM25	Medium	X10 NL 20 - M	S-C NL 20 - M
ASTERIA NL	Normal	20W	2xM20	Medium	X10 NL 20 - M	S-C NL 20 - M
ASTERIA EL	Emergency	20W	2XM25	Medium	X10 EL 20 - M	S-C EL 20 - M
ASTERIA EL	Emergency	20W	2xM20	Medium	X10 EL 20 - M	S-C EL 20 - M
ASTERIA NL	Normal	15W	2XM25	Small	X10 NL 15 - S	S-C NL 15 - S
ASTERIA NL	Normal	15W	2xM20	Small	X10 NL 15 - S	S-C NL 15 - S
ASTERIA EL	Emergency / Sign	15W	2XM25	Small	X10 EL 15 - S	S-C EL 15 - S
ASTERIA EL	Emergency / Sign	15W	2xM20	Small	X10 EL 15 - S	S-C EL 15 - S

ACCESSORIES

External Protections					
Illustration		Type	Material	Note	Order code
		External reflector	AISI304/316	Fixture Size S	X10 R1
		External reflector		Fixture Size M	X10 R2
		External reflector		Fixture Size L	X10 R3
		Wire guard		Fixture Size S	X10 G1
		Wire guard		Fixture Size M	X10 G2
		Wire guard		Fixture Size L	X10 G3
		Round Wire Guard		Fixture Size S Fixture Size S Fixture Size S	X10 RG1 X10 RG2 X10 RG3
Mounting accessorioes					
Illustration		Type	Material	Note	Code
		Pole mounting	AISI304 Galvanized	-2 pcs. With nuts, screws, washers - Available sizes:1 1/2", 2"	X10 PM1.5 X10 PM2
		Ceiling mounting		2 pcs. With nuts, screws, washers	X10 CM
		Suspended mounting		2 pcs.	X10 SM
		Easy-maintenance		Can be Used separately or along with other bracket types	X10 EM
		Wall mounting		2 pcs. With nuts, screws, washers	X10 WM 1
		Wall mounting		2 pcs. With nuts, screws, washers	X10 WM 2
Pictograms for EL type liminaires					
Illustration	Type	Order code	Illustration	Type	Order code
	Exit	X10 Exit		Exit door right	X10 RD
	Exit rout down	X10 DN		Exit door left	X10 LD
	Exit rout up	X10 UP		Exit stairs right	X10 RS
	Exit rout right	X10 RT		Exit stairs left	X10 LS
	Exit rout left	X10 LT			

ASTERIA Air Craft Warning Lights

Types: NL-LIOL /MIOL



Technical data		
Type	NL-LIOL	NL-MIOL
Application	ACWL (less than 45m Height)	ACWL (over than 45m to less than 150m Height)
Marking (LED TYPE)	Ex db op is IIC T6 GB Ex op is tb IIIC T85°C Db	
IPI IR EX Certificate	IR EX 25 EPIL 022	
Permissible ambient temperature	-30 °C to 55 °C	
Degree of protection	IP66	
Cable entries.	2xM25 or 2xM20	
Dimensions	Small	
Enclosure Color	RAL 7072	
Enclosure material	Copper free aluminum	
Protective cover	Borosilicate glass	
Type of mounting	Ceiling, Pendant, Pole, Wall	
Power factor	>0.9	
Voltage	230 V AC	
Frequency	50-60 Hz	
Illuminant	LEDs	
Connecting terminals	L,N,PE: 6x2.5 mm ² through wiring	
Protection class	I	
colour	red	
Light Type	Type B	
Signal Type	Fixed / Flashing	Flashing
Luminous intensity	>32.5 cd	>2000 cd

Type	Application	Threads	Color	Size	Order code
ASTERIA NL-LIOL	ACWL	2xM20 - 2xM25	Red	Small	X10 NL LIOL S
ASTERIA NL-LIOL	ACWL	2xM20 - 2xM25	White	Small	X10 NL LIOL S
ASTERIA NL-MIOL	ACWL	2xM20 - 2xM25	Red	Small	X10 NL MIOL S

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LED Floodlights Fixture



ATRIA



Atria has been developed as a new LED lighting fixture with the aim of redefining the concepts of compactness, versatility and ease of installation thanks to high intensity and efficiency LED plates. The Atria consists of a lighting fixtures size and represents the LED alternative for all those areas where it was normal to use lighting fixtures with discharge lamps. The body, made of aluminum alloy, is equipped with fins that act as a heat sink allowing a fast and effective dispersion of heat generated by the normal operation of the LED.

The geometric conformation of the cooling fins was also designed with the objective of minimizing the deposit of combustible dust, allowing the self-cleaning of the lighting fixture by air or water present in the environment. Furthermore, thanks to the absence of UV emission, there is no ionization of the air particles around the lighting fixture, an intrinsic characteristic of LED technology which limits the attraction of dust and insects.

The design of the lamp body, in addition to being functional to the duration of the system, gives the equipment very high light efficiency. The electrical connection is easier thanks to a «Ex e» terminal housing which allows the entry with a «Ex e» cable gland (no barrier). In addition, an opposed plugged hole permits the through wiring connection.

ATRIA

LED lighting fixture

Zone 1, 2, 21, 22

- Replaces traditional discharge lamps
- Saves in energy, maintenance and installation costs
- Instant, bright illumination
- Suitable for GAS category IIC
- Symmetric and asymmetric light distribution

Connection

Direct connection to terminal board L, N, Pe.

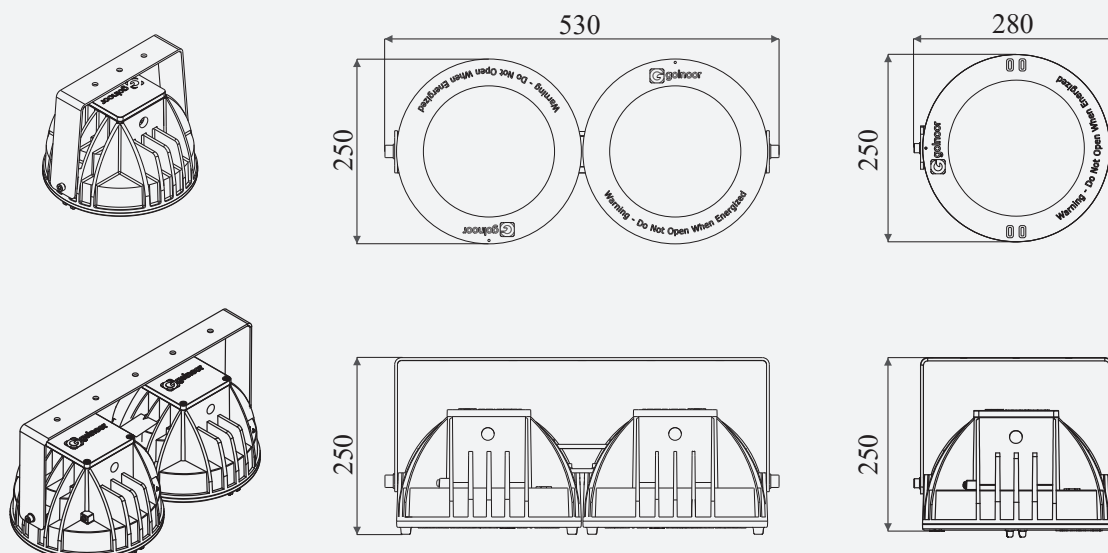
Section 4mm² or 6mm²

STANDARDS

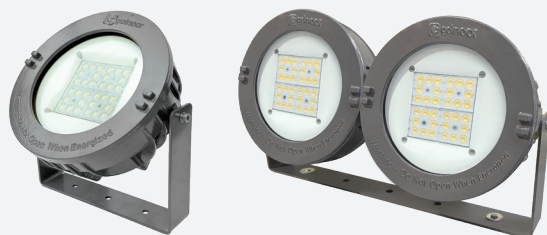
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- IEC 60079-0: 2017
- IEC 60079-1: 2014
- IEC 60079-28: 2015
- IEC 60079-31: 2013
- IEC 60079-7: 2015

FIXTURE SIZES



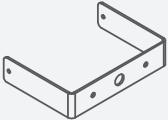
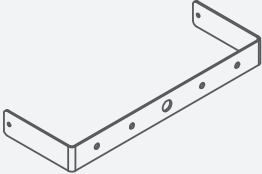
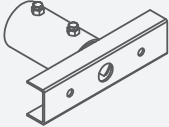
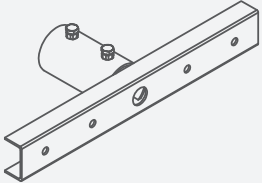
ATRIA Flood Light



Technical Data		
Type	Single 50-75-100 watt	Twin 150-200 watt
Application	Flood, High bay, Street Lighting fixture	
Marking	Ex db eb op is IIC T5/T4 Gb Ex op is tb IIIC T100°C/T135 °C Db	
EU-Type Examination Certificate	ECM 23 ATEX 6134 X	
IPI IR Ex Certificate	Under Test and Certificate	
Permissible ambient temperature	-30 °C to 55 °C	
Degree of protection	IP66	
Cable entries.	2xM25 or 2xM20	
Dimensions	Ø250x250 mm	Ø500x250 mm
Enclosure Color	RAL 7072	
Type of mounting	Ceiling, Pendant, Pole, Wall	
Power factor	>0.9	
Voltage	110 ~ 230 V AC	
Frequency	50/60 Hz	
Photometric features		
LED Multichip	High power LED	
Viewing angle	Symmetric (30-60-90°) / asymmetric	
Color temperature	3000-4000-5000-6500	
CRI	>70	
L70 B10	>70000 h	
Mechanical features		
Body	Copper Free Aluminum	
Light-transmitting Part (Glass)	Borosilicate Glass	
Gaskets	Silicone Rubber	
Supporting bracket	Stainless steel AISI304/ 316	
Bolts and screws	Stainless steel AISI304/ 316	
Entries	2xISO M20/M25	
Coating	coating Ral 7072	
Selection features		
Ambient temperature	-30° C to +55° C	
Temperature class	T5-T4 / 100°C -135°C	
Lumen	8250, 12250, 15750 lm	24500, 31500 lm
Efficiency	Min 157 lm/W	
Weight	9.6 kg	19.2 kg
Order code	ATR00100-00	ATR00200-00

ACCESSORIES AVAILABLE / SPECIAL REQUESTS

Additional cable gland for unarmoured cable

Mounting accessories			
	Supporting bracket	wall or structure mounting OR ceiling mounting	Material: stainless steel AISI 316L/304
	Twin type bracket		
	Street Lighting bracket 1,1/2"-2"	Poles Mounted	Material: Galvanized steel
	Street Lighting bracket 1,1/2"-2"		

Note! wiring between fixtures in twin type will be done by Golnoor Co.

Photometric diagram(polar curve)

On golnoor web site you can download .LDT lighting data files for the design and simulation of lighting levels , rendering and ray tracing.

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LED Floodlight-High Bay Fixture



BETRIA



NEW
Products

BETRIA introduces a new generation of explosion-proof industrial Floodlight-High Bay designed to replace traditional gas-discharge luminaires while delivering significant energy savings. Engineered for high-demand environments such as warehouses, factories, and heavy-duty facilities, this model offers a maximum power rating of 300 watts, providing robust illumination with far lower operational costs compared to conventional lighting systems.

The housing is manufactured from copper-free aluminum, ensuring excellent corrosion resistance and long-term durability in harsh and hazardous locations. All fasteners are made of stainless steel, preventing mechanical degradation and ensuring structural integrity under continuous thermal and mechanical stress. These material choices allow the fixture to maintain full performance even in environments where vibration, chemical exposure, or extreme temperatures are present.

At the core of the system, high-efficiency LED optical modules deliver stable, uniform light output with minimal maintenance requirements. This solid-state lighting technology not only enhances visual clarity and operational safety but also guarantees consistent performance over extended service life. As a result, BETRIA provides a reliable, energy-efficient, and technically advanced solution for modern industrial lighting upgrades.

BETRIA

LED lighting fixture

Explosion proof Floodlight-High Bay - Street Light

The ideal solution for lighting in hazardous areas

- Flameproof enclosure
- Zone 1, 2, 21, 22
- Degree of protection IP66
- Through wiring
- Simplified maintenance

Connection

Direct connection to terminal board L, N, Pe.

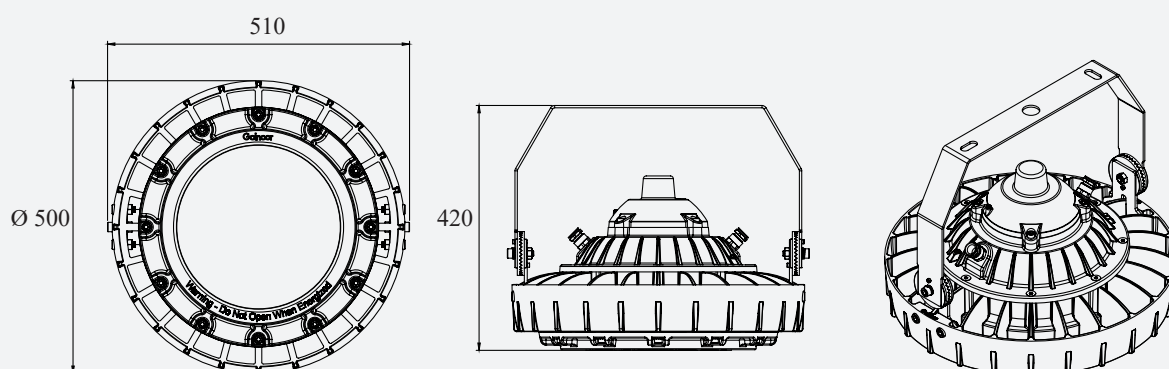
Section 4mm² or 6mm² or 10mm²

STANDARDS

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- IEC 60079-0: 2017
- IEC 60079-1: 2014
- IEC 60079-28: 2015
- IEC 60079-31: 2013

FIXTURE SIZES

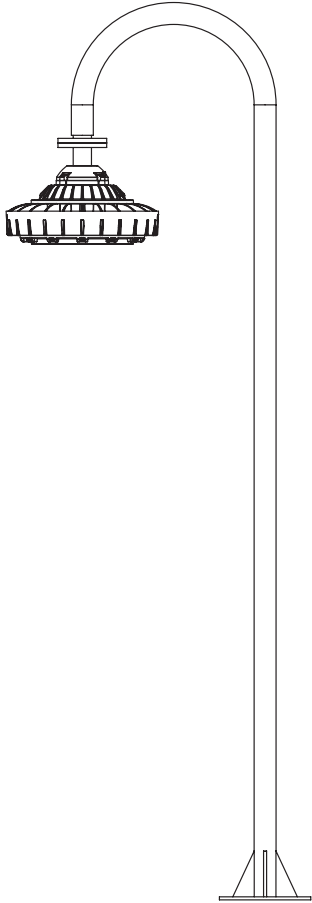
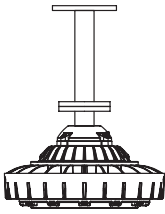
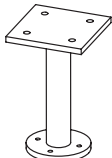
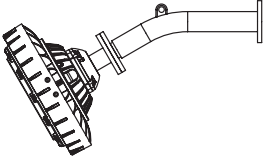
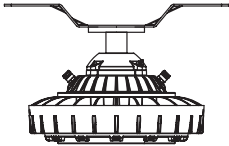
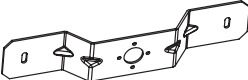
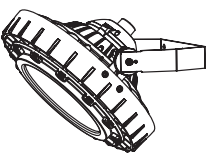
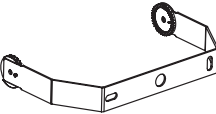
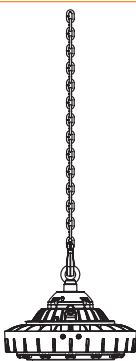
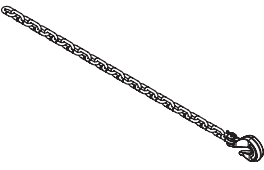
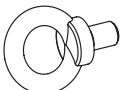


BETRIA High-bay / Flood Light



Technical Data	
Type	150 ~ 300 W
Application	Flood, High bay, Street Lighting fixture
Marking	Ex db op is IIC T6/T5 Gb Ex op is tb IIIC T85°C/T100 °C Db
IPI IR Ex Certificate	Under Test and Certificate
Permissible ambient temperature	-30 °C to 55 °C
Degree of protection	IP66
Cable entries.	3xM25 or 3xM20
Dimensions	Ø 500 x 420 mm
Enclosure Color	RAL 7072
Type of mounting	Ceiling, Pendant, Pole, Wall
Power factor	>0.9
Voltage	110 ~ 230 V AC
Frequency	50/60 Hz
Photometric features	
LED Multichip	High power LED
Viewing angle	Symmetric (30-60-90°) / asymmetric
Color temperature	3000-4000-5000-6500
CRI	>70
L70 B10	>70000 h
Mechanical features	
Body	Copper Free Aluminum
Light-transmitting Part (Glass)	Borosilicate Glass
Gaskets	Silicone Rubber
Supporting bracket	Stainless steel AISI304/ 316
Bolts and screws	Stainless steel AISI304/ 316
Entries	3 x ISO M20/M25
Coating	coating Ral 7072
Selection features	
Type	150 ~ 300 W
Ambient temperature	-30° C to +55° C
temperature class	T6-T5 / 85°C -100°C
Lumen	27000 ~ 51000 Lm
Efficiency	Min 170 lm/W
Weight	27 Kg

ACCESSORIES AVAILABLE / SPECIAL REQUESTS

Mounting accessories		
 Pole Mount	 Ceiling Mount with Flanged pipe	 Flanged pipe
	 Wall Mount	 Wall flange base
	 Ceiling mount with bracket	 Ceiling bracket
	 Wall Mount with U-Bracket	 U-Bracket
 Ceiling Mount with Chain	 Chain and Hook	 Eyebolt

Golnoor

Light up Your Life

Explosion Proof

GJB: Golnoor junction box



GJB-A-T Series



GJB-A-T Series Explosion-proof boxes made of copper free Aluminum varies from terminal boxes to enclosures.

They are equipped with pillar or strip terminals and assembly plate to distribute electricity in hazardous areas including zone 1,2,21 and 22. In addition, big sizes can be equipped with circuit breakers without external access as a control panel to be able to and the fault more easily.

Cables enter to GJB-A-Ts via explosion protected conduits or cable glands and unused drilled holes would be closed with protected stopping plugs. They can provide external earth connection and high IP protection degree IP66.

Golnoor junction box



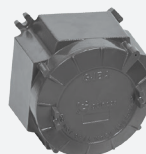
GJB-A-T 1



GJB-A-T 2



GJB-A-T 3



GJB-A-T 4



GJB-A-T 5

Technical Data

Marking acc. To 2014/34/EU	Ex db IIC T4/T5/T6 Gb Ex tb IIIC T85°C/T100°C/ T135°C Db
Applicable Zones	1,2 - 21, 22
EU-Type Examination Certificate	ECM 18 ATEX 2444 X
ATEX Certificate	ECM 22 ATEX-QS 5415
IPI IR Ex Certificate	Under Test and Certificate
Permissible ambient temperature	-30°C to +55°C
Rated Voltage	690 V
Degree of Protection acc. to EN60529	IP66
Enclosure Material	Copper-free Aluminum
Enclosure Color	GJB-A-T 1,2,3,4,5 Painted Ral Color: 7072

Max. No. of Terminals

Terminals	2.5	4	6	10	16	25	35	50	70	95
GJB-A-T 1	8	7	-				-			
GJB-A-T 2	13	12	10	8				-		
GJB-A-T 3	15	14	12	10	8	-	-	-	-	-
GJB-A-T 4	22	20	16	13	11	9	8	6	6	-
GJB-A-T 5	1x42	1x38	1x30	1x25	1x20	1x18	1x15	1x12	1x12	1x6
	2x40	2x35	2x25	2x20	2x15	2x12	2x10	-	-	-

Max. Metric Entries Per Side

Thread	M20	M25	M32	M40	M50	M63	M75
GJB-A-T 1	1	1	-	-	-	-	-
GJB-A-T 2a	3/1	2/1	1/0	-	-	-	-
GJB-A-T 3	4	2	2	1	1	-	-
GJB-A-T 4	5	4	2	2	1	1	-
GJB-A-T 5	8	6	4	3	3	2	1

Max. NPT Entries Per Side

Thread	1/2 "	3/4 "	1"	1 1/4 "	1 1/2 "	2 "	2 1/2 "
GJB-A-T 1	1	1	-	-	-	-	-
GJB-A-T 2b	3/1	2/1	1/0	-	-	-	-
GJB-A-T 3	4	2	2	1	1	-	-
GJB-A-T 4	5	4	2	2	1	1	-
GJB-A-T 5	8	6	4	3	3	2	1

a: Large side / small side

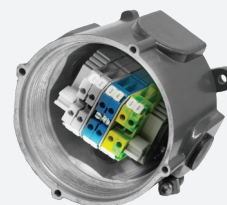
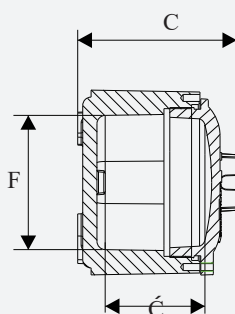
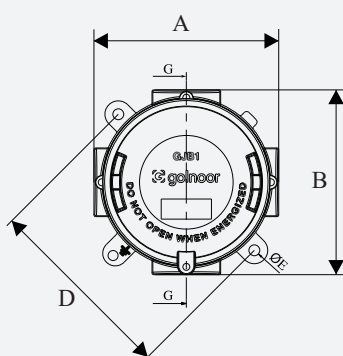
b: Large side / small side

Due to different important parameters, please consult with the technical department to choose suitable junction boxes. These tables are just for information

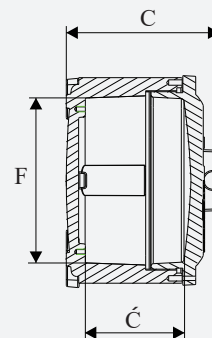
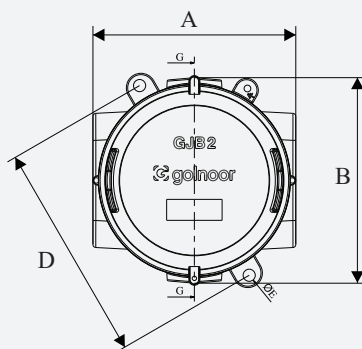
Ordering Details					
Type	Power Dissipation (w)			Rated Current (A)	Weight (kg)
	T6	T5	T4		
GJB-A-T 1	31	52	93	250	1
GJB-A-T 2	56	81	142		2
GJB-A-T 3	85	114	197		3.5
GJB-A-T 4	109	151	260		7.5
GJB-A-T 5	146	194	321		17.5



GJB-A-T 1

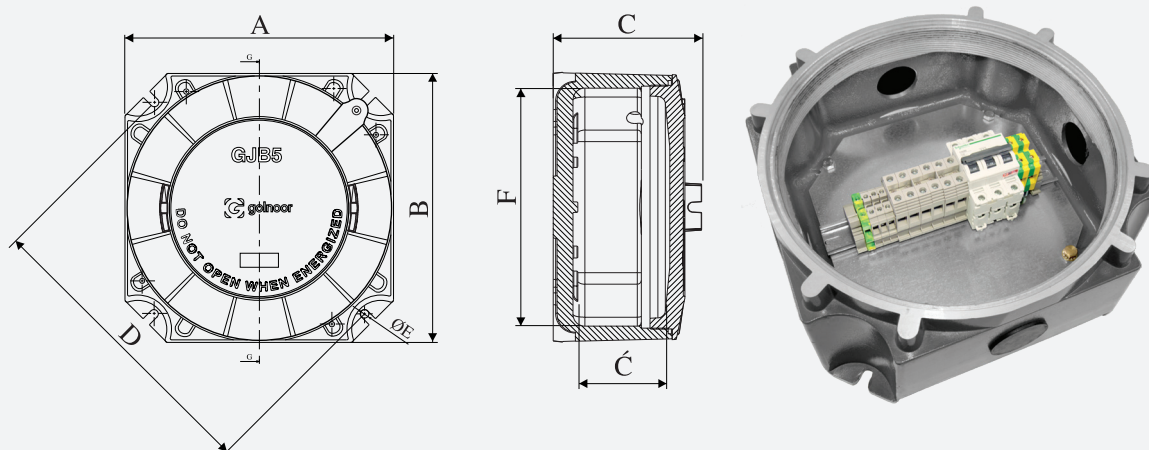


GJB-A-T 2





GJB-A-T 3,4,5



Ordering Details

Type	External			Internal		Mounting	
	A	B	C	F	Ć	D	E
GJB-A-T 1	110	110	95	Ø84	57	115	6,5
GJB-A-T 2	150	152	110	Ø122	73	162	9
GJB-A-T 3	169	169	125	137	76	235	7.5
GJB-A-T 4	221	221	195	Ø174	142	248	11
GJB-A-T 5	337	337	187	Ø297	110	375	11

All dimensions are in millimeters with tolerance.

Golnoor

Light up Your Life

Explosion Proof

GJB-A-C: Golnoor Local Control Station



GJB-A-C



Several series of flameproof control units are available for the operation and monitoring of circuits and machinery in harsh or hazardous environments. The GJB-A-C series is Ex d IIC certified and can hold up to four operators. Multiple control functions are available such as push buttons, LED status indicators, and control switches. The control units are manufactured from copper-free aluminum, which provides optimal protection from most environmental hazards.

Golnoor Local Control Station



GJB-A-C 1



GJB-A-C 2

Technical Data

Marking acc. To 2014/34/EU	II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T85°C Db
Applicable Zones	1, 221, 22
EU-Type Examination Certificate	ECM 23 ATEX 0603 X
Permissible ambient temperature	-20°C to +55°C
Rated Voltage	600 V
Degree of Protection acc. to EN60529	IP66/IP67
Enclosure Material	Copper-free Aluminum
Enclosure Color	Painted- Ral color: 7072

GJB-A-T Dimensions

Type	Rate Current (A)	Max. Dissipated Power (W)	Max.Weight (kg)	Max. No. Actuators
GJB-A-C1	40	10	2.2	1
GJB-A-C2	60	30	6	3-4*

Max. No. Metric Entries per side

Type	M20	M25	M32
GJB-A-C1	1	1	-
GJB-A-C2	4	2	2

Actuators

Pushbutton (Start/stop)	Mushroom head emergency button (Push/Pull)	Selector switch

* 4 actuators may only be used in special circumstances (power dissipation, operation terms, etc)

	Pushbutton (Start/Stop)	Mushroom head emergency button
Bushing	Nickel-plated brass	
Internal shaft	Stainless steel	
Gasket	Compressed asbestos fiber	
Internal O-ring	EPDM	
Device mounting	Screws into the lid (M30x2)	
Sticker	Colored PMMA (green, red, ...)	
Contact	Schneider ZB2 (NO/NC)	
Rated voltage	600V based on Schneider's catalog	
Rated current	10A based on Schneider's catalog	
AC15 Ue/Ie	240V/3A based on Schneider's catalog	
DC13 Ue/Ie	250V/0.27A based on Schneider's catalog	
Rated thermal current	I _{th} = 10A	
Contact operation	Slow break, spring return	
Actuator operation	-	Push/pull (pull to release)

Selector switch	
Bushing	Nickel-plated brass
Internal shaft	Stainless steel
Gasket	Compressed asbestos fiber
Internal O-ring	EPDM
Component mounting	Screws into the lid (M30x2)
Handle	ABS
Selector	TRS (GL model) - 1/2/3 phase
Rated voltage	690V

Dimension Details

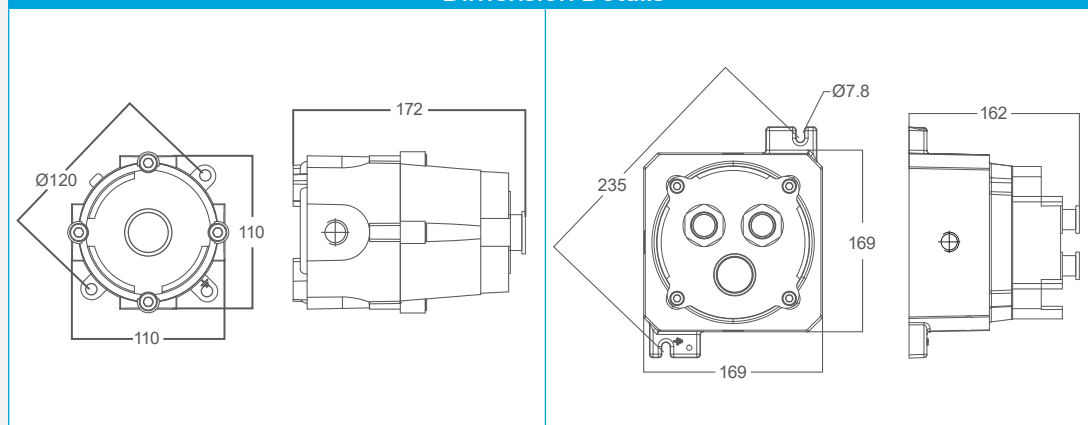


Illustration	Switching Diagram	Description	Color
1		mushroom button Latching, Pull to Release 1* NO /1* NC 250V 3 A	Red
2		12/16 A	Black/Ni Plated
3		Start+Stop Push Button 1* NO /1* NC 250V 3 A	Red Green
4		Stop Push Button 1*NC + Start Push Button 1°NO 250V 3 A	Red + Green
5		Start+Stop Push Button 1* NO /1* NC 250V 3 A mushroom button Latching, Pull to Release 1* NO /1* NC 250V 3 A	Green + Red
6		Start+Stop Push Button 1* NO /1* NC 250V 3 A + Start+Stop Push Button 1* NO /1* NC 1* NO /1* NC 250 V 3A + mushroom button Latching, Pull to Release 1* NO /1* NC 250V 3 A	Red + Green + Red
7		Tailor-made solution	On request
8		Tailor-made solution	On request

Golnoor

Light up Your Life

Explosion Proof

GJB-A-F : Golnoor Junction Box Flange Type



GJB-A-F series



GJB-A-F series of Ex d IIB+H₂ certified enclosures forms the optimal basis for the application-specific configuration of terminal boxes, control stations, and control and distribution panels.

A wide range of components and control functions can be integrated into one of many Ex d and Ex tb certified flameproof enclosures. They come in many sizes and designs and are manufactured from copper-free aluminum with increased corrosion resistance.

The durable, versatile enclosures meet the requirements of many industries, including offshore and marine applications. A choice of windows allows viewing of integrated monitoring functions. Electrical components can be integrated as per customer specification.

Golnoor Junction Box Flange Type



Technical Data	
Marking of product	Ex db IIB+H2 T6, T5, T4 Gb Ex tb IIIC T85°C, T100°C, T135°C Db
IPI IR EX Certificate	Under Test and certified
Application	Terminal box or Local control panel
Material	copper-free aluminium
Finish	coated or painted to suit customer application
Ingress protection	IP 66
Ambient temperature	-30°C to +55°C
Lid fixing	Metric socket head stainless steel screws
Earthing	Metric Internal / External screws
Enclosure mounting	2 fixing brackets
Entries	through walls
Bolts and screws	Stainless steel captive variety
Mounting	AISI 304/316 Stainless steel feet with Stainless steel screws
Rail	Reed mounting rail (All steel versions are electroplated and additionally coated with a white chromate)
Rated voltage	1000 Vac/dc
Rated current	1000 A
Rated frequency	60/50 Hz

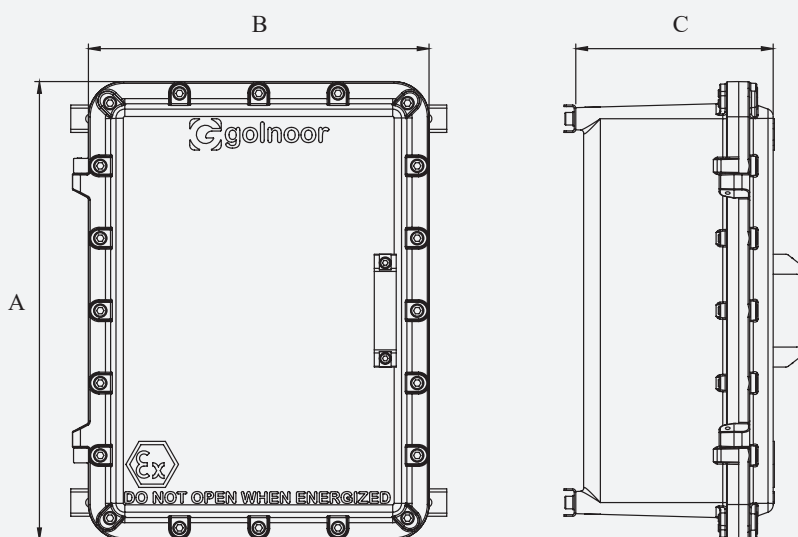
Thread Chart								
D Thread diameter	1	2	3	4	5	6	7	8
ISO 261/965	M20x1.5	M25x1.5	M32x1.5	M40x1.5	M50x1.5	M63x1.5	M75x1.5	M90x1.5
ISO 7-1/228	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"

Window Dimension		
Window type	Thread	4
Window1	M90x2	1x20
Window2	M133x2	2x33
Window3	M196x3	3x46



Junction box and Local control panel

Product type	Dimension and Tolerance (± 5)			Max. Power Dissipation at +55°C, for T4 Without Indicator Light(W)
	A	B	C	
GJBF-A-F1	290	220	180	130
GJBF-A-F2	400	320	240	235
GJBF-A-F3	470	350	240	365
GJBF-A-F4	700	500	320	700
GJBF-A-F5	870	650	500	1200



MAX. No. of Terminals

Product type	2.5	4	6	10	16	25	35	50	70	95	150
GJBF-A-F1	1x22	1x20	1x17	1x14	1x11	1x10	1x8	1x7	1x3	-	-
GJBF-A-F2	2x36	2x33	2x27	2x22	2x17	2x16	1x13	1x11	1x6	1x6	1x4
GJBF-A-F3	3x50	3x46	3x38	3x30	3x24	3x22	2x18	1x15	1x13	1x8	1x6
GJBF-A-F4	3x78	3x72	3x58	3x47	3x37	3x34	2x28	1x23	1x21	1x12	1x10
GJBF-A-F5	4x105	4x96	4x78	4x63	4x50	4x46	3x38	2x31	1x30	1x20	1x15

The maximum number of standard terminals refers to RAAD terminals. The number of terminals indicated above is for reference only, and may change depend on application requirement and heat dissipation.

Hole drilling in body																
Side	Side A							Side B								
Thread diameter	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Product type	Maximum Quantity Per Hole Type							Maximum Quantity Per Hole Type								
GJBF-A-F1	8	7	5	3	2	2	2	1	6	4	2	2	2	1	1	-
GJBF-A-F2	21	14	10	8	7	3	3	2	12	11	6	6	3	2	2	1
GJBF-A-F3	24	20	12	10	9	4	3	2	18	14	8	7	5	3	2	1
GJBF-A-F4	40	36	24	21	14	12	10	4	35	24	18	15	11	8	6	2
GJBF-A-F5	81	65	44	40	27	21	17	6	55	50	32	28	18	15	1	5

The number of entries indicated above is for reference only, and may vary depend on application requirement (e.g.: type of cable entries, number of terminals ...)



Max Hole Drilling QTY in Door	
Product type	Hole QTY
GJBF-A-F1	6
GJBF-A-F2	12
GJBF-A-F3	15
GJBF-A-F4	35
GJBF-A-F5	50



Golnoor

Light up Your Life

Explosion Proof

GJB-S-S : Golnoor stainless steel Junction Box



GJB-S-S series



GJB-S-S series is a range of terminal boxes that can be equipped with a variety of terminals and cable glands. The enclosures are manufactured from electropolished AISI 304/316 stainless steel to provide excellent tarnish and corrosion resistance.

This surface finish is designed to meet hygienic requirements valid in pharmaceutical and food processing plants. All GJB-S-S enclosures feature a sealing method which prevents accumulated dirt, dust, and moisture from entering the enclosure when the hinged lid is opened.

Durable materials allow the terminal box to be used in ambient temperatures between -30°C to +55°C.

Golnoor stainless steel Junction Box

- 23 different sizes
- 304 (L) /316 (L) stainless steel junction boxes
- Gasket resistant to acids and high temperatures
- IK 10 mechanical strength
- IP 66
- Earth bolt

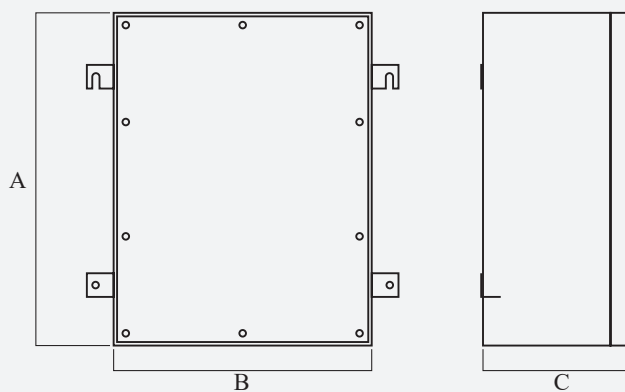


Technical Data	
Marking acc. To 2014/34/EU	Ex eb IIC T6/T5/T4 Gb Ex tb IIIC T85°C/T100°C/ T135°C Db
Applicable Zones	1,2 - 21, 22
EU-Type Examination Certificate	ECM 23 ATEX 2861 X
IPI IR EX Certificate	Under Test and Certificate
Application	Terminal box or marshalling box
Material	Stainless steel 304/316
Finish	Stainless steel may coated or painted to suit customer application
Ingress protection	IP 66
Ambient temperature	-30°C to +55°C
Lid fixing	4 or more M6 stainless steel screws
Drain plug	customer application
Entries	through walls
Bolts and screws	Stainless steel captive variety
Mounting	Welded AISI 304/316 Stainless steel feet
Rail	Reed mounting rail (All steel versions are electroplated and additionally coated with a white chromate)
Rated voltage	1000 Vac/dc
Rated current	312 A
Rated frequency	50/60 Hz

Body Drilling Data								
ISO 7-1/ 228	M20x1.5	M25x1.5	M32x1.5	M40x1.5	M50x1.5	M63x1.5	M75x1.5	M90x1.5
Through hole	Ø20.2	Ø25.2	Ø32.2	Ø40.2	Ø50.2	Ø63.2	Ø75.2	Ø90.2

Stainless Steel Junction Box Type GJB S - S

#	Name	Type of Protection	Size (mm)			Material	Thickness (mm)
			B	A	C		
1	GJB S - S 1	eb-tb	150	150	150	Stainless steel 304/316	1.5 & 2
2	GJB S - S 2	eb-tb	300	220	200	Stainless steel 304/316	1.5 & 2
3	GJB S - S 3	eb-tb	330	280	220	Stainless steel 304/316	1.5 & 2
4	GJB S - S 4	eb-tb	330	280	280	Stainless steel 304/316	1.5 & 2
5	GJB S - S 5	eb-tb	350	400	220	Stainless steel 304/316	1.5 & 2
6	GJB S - S 6	eb-tb	350	400	280	Stainless steel 304/316	1.5 & 2
7	GJB S - S 7	eb-tb	400	500	220	Stainless steel 304/316	1.5 & 2
8	GJB S - S 8	eb-tb	400	500	280	Stainless steel 304/316	1.5 & 2
9	GJB S - S 9	eb-tb	500	600	220	Stainless steel 304/316	1.5 & 2
10	GJB S - S 10	eb-tb	500	600	280	Stainless steel 304/316	1.5 & 2
11	GJB S - S 11	eb-tb	500	600	320	Stainless steel 304/316	1.5 & 2
12	GJB S - S 12	eb-tb	600	600	280	Stainless steel 304/316	1.5 & 2
13	GJB S - S 13	eb-tb	600	600	320	Stainless steel 304/316	1.5 & 2
14	GJB S - S 14	eb-tb	600	750	280	Stainless steel 304/316	1.5 & 2
15	GJB S - S 15	eb-tb	600	750	320	Stainless steel 304/316	1.5 & 2
16	GJB S - S 16	eb-tb	700	850	280	Stainless steel 304/316	1.5 & 2
17	GJB S - S 17	eb-tb	700	850	320	Stainless steel 304/316	1.5 & 2
18	GJB S - S 18	eb-tb	800	950	280	Stainless steel 304/316	1.5 & 2
19	GJB S - S 19	eb-tb	800	950	320	Stainless steel 304/316	1.5 & 2
20	GJB S - S 20	eb-tb	1000	1000	280	Stainless steel 304/316	1.5 & 2
21	GJB S - S 21	eb-tb	1000	1000	320	Stainless steel 304/316	1.5 & 2
22	GJB S - S 22	eb-tb	950	1250	280	Stainless steel 304/316	1.5 & 2
23	GJB S - S 23	eb-tb	950	1250	320	Stainless steel 304/316	1.5 & 2



Gland Size	Hole drilling in body									
	Side A					Side B				
	20	25	32	40	50	20	25	32	40	50
GJB-S-S 1	4	2	1	-	-	4	2	1	-	-
GJB-S-S 2	14	10	7	4	3	12	9	5	3	2
GJB-S-S 3	15	12	8	5	4	14	10	6	4	3
GJB-S-S 4	16	14	10	6	5	16	11	8	5	4
GJB-S-S 5	17	15	11	7	5	16	11	8	5	4
GJB-S-S 6	18	15	11	8	6	17	13	9	6	5
GJB-S-S 7	20	17	12	10	8	18	15	9	6	5
GJB-S-S 8	22	18	13	11	9	18	15	9	6	5
GJB-S-S 9	23	20	13	12	9	21	16	10	6	5
GJB-S-S 10	24	20	14	12	9	22	18	11	8	7
GJB-S-S 11	26	23	15	13	10	24	20	13	10	9
GJB-S-S 12	28	23	15	13	10	24	20	13	10	9
GJB-S-S 13	30	25	18	14	12	27	23	15	12	10
GJB-S-S 14	34	28	21	16	14	30	25	17	14	13
GJB-S-S 15	37	31	23	18	16	34	28	21	16	14
GJB-S-S 16	42	33	25	20	18	37	31	23	18	16
GJB-S-S 17	45	35	27	23	18	39	33	25	20	17
GJB-S-S 18	48	39	31	26	20	43	35	27	23	18
GJB-S-S 19	51	42	33	29	23	46	38	31	26	20
GJB-S-S 20	57	47	38	34	29	52	44	35	32	26
GJB-S-S 21	60	50	41	37	31	52	46	35	32	26
GJB-S-S 22	67	55	44	41	34	60	50	41	37	31
GJB-S-S 23	70	58	48	44	36	64	53	43	37	31

Note1: The number of entries indicated above is for reference only, and may vary depend on application requirement (e.g. type of cable entries, number of terminals ...)



Terminals	Max. No. of Terminals								
	2.5	4	6	10	16	25	35	50	70
GJB-S-S 1	1x9	1x6	1x6	-	-	-	-	-	-
GJB-S-S 2	2x22	2x18	2x14	2x12	2x12	2x10	2x9	1x8	1x7
GJB-S-S 3	2x30	2x27	2x24	2x20	2x15	2x14	2x10	1x8	1x7
GJB-S-S 4	2x30	2x27	2x24	2x20	2x15	2x14	2x10	1x8	1x7
GJB-S-S 5	2x35	2x33	2x30	2x24	2x18	2x17	2x11	1x10	1x8
GJB-S-S 6	2x35	2x33	2x30	2x24	2x18	2x17	2x11	1x10	1x8
GJB-S-S 7	3x48	3x45	3x40	3x32	3x28	3x25	3x18	2x8	2x7
GJB-S-S 8	3x48	3x45	3x40	3x32	3x28	3x25	3x18	2x8	2x7
GJB-S-S 9	3x57	3x52	3x48	3x40	3x32	3x29	3x22	2x12	2x11
GJB-S-S 10	3x57	3x52	3x48	3x40	3x32	3x29	3x22	2x12	2x11
GJB-S-S 11	3x57	3x52	3x48	3x40	3x32	3x29	3x22	2x12	2x11
GJB-S-S 12	3x60	3x55	3x50	3x42	3x34	3x30	3x24	2x13	2x12
GJB-S-S 13	3x60	3x55	3x50	3x42	3x34	3x30	3x24	2x13	2x12
GJB-S-S 14	4x68	4x63	4x55	4x50	4x40	4x35	3x27	3x20	3x15
GJB-S-S 15	4x68	4x63	4x55	4x50	4x40	4x35	3x27	3x20	3x15
GJB-S-S 16	4x73	4x68	4x60	4x53	4x45	4x38	3x30	3x22	3x18
GJB-S-S 17	4x73	4x68	4x60	4x53	4x45	4x38	3x30	3x22	3x18
GJB-S-S 18	4x80	4x73	4x65	4x58	4x50	4x42	3x34	3x25	3x22
GJB-S-S 19	4x80	4x73	4x65	4x58	4x50	4x42	3x34	3x25	3x22
GJB-S-S 20	5x82	5x75	5x70	5x60	4x53	4x45	4x35	3x28	3x25
GJB-S-S 21	5x82	5x75	5x70	5x60	4x53	4x45	4x35	3x28	3x25
GJB-S-S 22	6x88	6x80	6x75	6x64	5x55	5x47	5x37	4x33	4x30
GJB-S-S 23	6x88	6x80	6x75	6x64	5x55	5x47	5x37	4x33	4x30

Note1 : The number of terminals indicated above is for reference only, and may vary depend on application requirement)e.g. type of cable entries, number of entries ...)

Golnoor

Light up Your Life

Explosion Proof

GJB-A-S : Golnoor Aluminum Junction Box



GJB-A-S



NEW
Products

GJB-A-S aluminum Ex e junction boxes are engineered for use in hazardous industrial environments such as refineries, petrochemical plants, and process facilities where enhanced electrical safety and corrosion resistance are critical. Manufactured from high-grade aluminum alloys, these enclosures offer an optimal balance of mechanical robustness and reduced weight, making them significantly easier to handle and install compared to stainless-steel Ex e enclosures.

Despite their lightweight construction, GJB-A-S junction boxes provide exceptional durability and maintain full compliance with Ex e (Increased Safety) protection standards. Their corrosion-resistant surface treatment ensures long-term reliability in aggressive atmospheres, including exposure to salt, chemicals, and humidity.

These enclosures deliver excellent cost-performance value, offering a more economical alternative to stainless-steel solutions while still meeting stringent industry requirements for explosion-proof electrical equipment. GJB-A-S junction boxes are ideal for terminal distributions, wiring accommodations, and auxiliary connections in Zone 1 and Zone 2 hazardous areas, providing consistent protection, operational integrity, and extended service life.

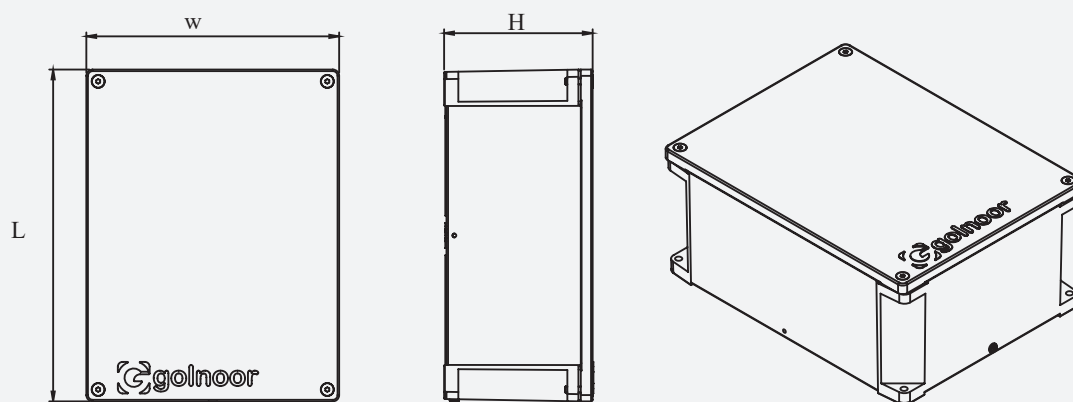
Golnoor Aluminum Junction Box

- 4 different sizes
- Copper Free Aluminum junction boxes
- Gasket resistant to acids and high temperatures
- IK 10 mechanical strength
- IP 66



Technical Data	
Marking	Ex eb IIC T6/T5/T4 Gb Ex tb IIIC T85°C/T100°C/ T135°C Db
Applicable Zones	1,2 - 21, 22
IPI IR EX Certificate	Under Test and Certificate
Application	Terminal box or marshalling box
Material	Copper Free Aluminum
Finish	FBE RAL 7072
Ingress protection	IP 66
Ambient temperature	-30°C to +55°C
Entries	through walls
Bolts and screws	Stainless steel captive variety
Rail	Reed mounting rail (All steel versions are electroplated and additionally coated with a white chromate)
Rated voltage	690 Vac/dc
Rated current	150 A
Rated frequency	50/60 Hz





Aluminum Junction Box Type GJB - A -S

#	Name	Size (mm)			Material
		L	W	H	
1	GJB - A -S 1	100	100	60	Copper Free Aluminum
2	GJB - A -S 2	170	140	100	
3	GJB - A -S 3	250	210	90	
4	GJB - A -S 4	420	320	188	

Thread drilling in body

Side	Side W							Side L						
	M20	M25	M32	M40	M50	M63	M75	M20	M25	M32	M40	M50	M63	M75
GJB-A-S1	1	1	-	-	-	-	-	1	1	-	-	-	-	-
GJB-A-S2	4	2	1	1	1	-	-	6	2	2	1	1	-	-
GJB-A-S3	6	2	2	2	2	-	-	7	4	3	2	2	-	-
GJB-A-S4	20	12	8	6	2	2	2	30	18	10	4	4	3	3

Note1: The number of entries indicated above is for reference only, and may vary depend on application requirement (e.g. type of cable entries, number of terminals ...)

Max. No. of Terminals

Terminals	2.5	4	6	10	16	25	35	50	70	95
GJB-A-S1	1x4	1x4	-	-	-	-	-	-	-	-
GJB-A-S2	1x15	1x13	1x11	1x8	1x7	1x6	1x4	1x3	-	-
GJB-A-S3	2x24	2x22	2x18	2x14	2x11	2x10	2x9	2x7	-	-
GJB-A-S4	2x37	2x34	2x28	2x22	2x18	2x16	2x14	2x11	2x10	2x9

Note1 : The number of terminals indicated above is for reference only, and may vary depend on application requirement (e.g. type of cable entries, number of entries ...)

Golnoor

Light up Your Life

Explosion Proof

Accessories



Accessories



Golnoor introduces a solution for every cable type used in industrial and hazardous areas- onshore and offshore, above ground. Golnoor cable glands, thread conversions, and installation accessories are designed to adhere to global specifications of IEC wiring standards and meet international certification requirements constituting IEC and ATEX certifications for gas and dust applications. Our manufacturing facilities are the most productive and safest solution to fulfill your need in the closest way to your demand. Furthermore, our technical teams are ready to be on your side in training, commissioning and installation stage.

Material

Metallic- Nickel plated brass

Nickel-plated brass provides superb protection against corrosion and contamination under severe conditions in extreme environments and in this regard, it is the most appropriate material for oil and gas and petrochemical industries and refineries.

All internal and external components emerge electroplating process by the thickness of 5 to 10 microns and uniform coating is assured under the quality control procedure.

Seal- Silicone

Silicone is opted as seal material to provide a wide range of thermal performance in extreme conditions.

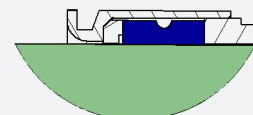
Operating temperature range

Silicone seals operates in temperature conditions varied from -30 to +140°C.

Clamping

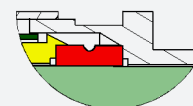
Outer sheath cable sealing

The outer seal is designed in the respect of ensuring cable sealing and ingress protection. (Fig 1)



Inner sheath cable sealing

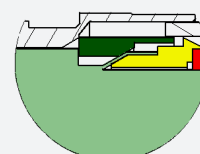
The inner seal is figured to work same tasks as outer seal in addition to satisfy flame-path protection commitments. (Fig 2)



Armored cable clamping

The designation complies clamping of all types of armored cables include

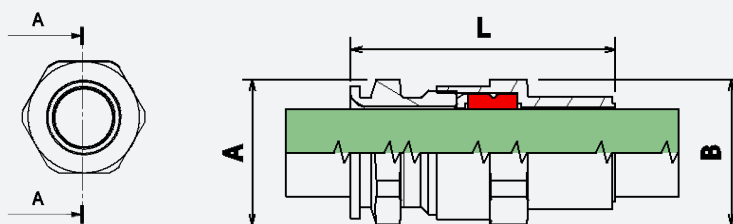
- Steel wire armored/ single wire armored (SWA) cable
- Steel tape armored (STA) cable
- Braided marine shipboard cable
- Lead sheath armored cable
- Type P cable (Fig 3).



XCGNA- for non-armored cable



Technical Data	
Suited for cables	Non-armored/ marine shipboard/ Type P/ Tray cables
Permissible zones	Group IIA/IIB/IIC, IIIA/IIIB/IIIC zones 1, 2, 21, 22
Marking	Ex db IIC Gb/ Ex eb IIC Gb/ Ex nR IIC Gc Ex tb IIIC Db
IPI IR EX certification	IREX 25 EPIL 021
Permissible ambient temperature	-30°C to +140°C
Degree of Protection acc. to EN 60529	IP66
Material	Nickel-Plated Brass
Seal	Silicone
Accessories (Kit)	Locknut to secure gland body Earth tag to provide earth continuity Shroud to protect gland body



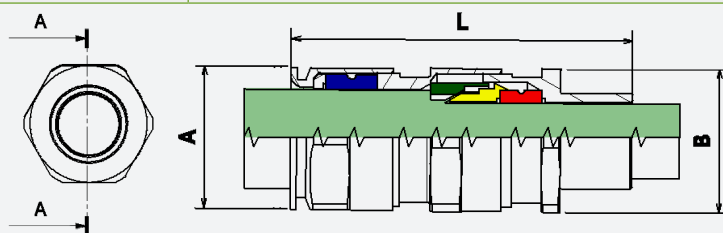
Gland size specification						
Series	ISO thread size	Outer sheath Min-Max	AAPX	BAPX	LAPX	Catalog number
XCGNA	M20S x1.5	7.0 -12.0	24	22	43.7	XCGNAM20S
XCGNA	M20L x1.5	10.0 -15.5	26	24	46.8	XCGNAM20L
XCGNA	M25 x1.5	13.5 -20.5	33	30	51.6	XCGNAM25
XCGNA	M32 x1.5	18.0 -27.0	45	41	61.0	XCGNAM32
XCGNA	M40 x1.5	23.0 -34.0	53	48	64.4	XCGNAM40
XCGNA	M50 x1.5	35.0 -47.5	69	64	72.8	XCGNAM50
XCGNA	M63 x1.5	42.0 -56.0	82	75	76.3	XCGNAM63
XCGNA	M75 x1.5	50.0 -64.5	93	85	86	XCGNAM75

All dimensions are in millimeters with tolerance.

XCGA- for armored cable

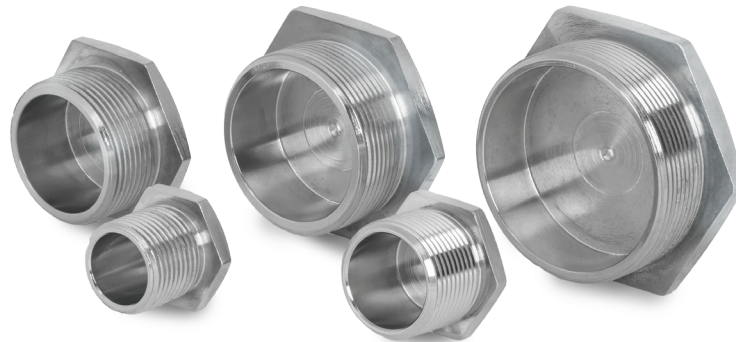


Technical Data	
Suited for cables	SWA/ SWB/ STA/ Braided marine shipboard/ Type P/ Lead sheathed cables
Permissible zones	Group IIA/IIB/IIC, IIIA/IIIB/IIIC zones 1, 2, 21, 22
Marking	Ex db IIC Gb/ Ex eb IIC Gb/ Ex nR IIC Gc Ex tb IIIC Db
IPI IR EX certification	IREX 25 EPIL 021
Permissible ambient temperature	-30°C to +140°C
Degree of Protection acc. to EN 60529	IP66
Material	Nickel-Plated Brass
Seal	Silicone
Accessories (Kit)	Locknut to secure gland body Earth tag to provide earth continuity Shroud to protect gland body



Gland size specification								
Series	ISO thread size	Inner sheath Min-Max	Outer sheath Min-Max	Armor Min-Max	A _{APX}	B _{APX}	L _{APX}	Catalog number
XCGA	M20S x1.5	7.0 -12.0	10.0 -15.5	0.2 -1.3	26.5	24	65.7	XCGAM20S
XCGA	M20L x1.5	10.0 -15.5	13.5 -20.5	0.2 -1.3	33	30	73.7	XCGAM20L
XCGA	M25 x1.5	13.5 -20.5	18.0 -27.0	0.2 -1.6	45	41	85.7	XCGAM25
XCGA	M32 x1.5	18.0 -27.0	23.0 -34.0	0.2 -1.6	53	48	93.5	XCGAM32
XCGA	M40 x1.5	23.0 -34.0	29.0 -40.5	0.2 -2.0	60.5	55	99.8	XCGAM40
XCGA	M50 x1.5	29.0 -40.5	35.0 -47.5	0.2 -2.5	69	64	108.5	XCGAM50
XCGA	M63 x1.5	35.0 -47.5	42.0 -56.0	0.2 -2.5	82	75	111.5	XCGAM63
XCGA	M75 x1.5	42.0 -56.0	50.0 -64.5	0.2 -2.5	92	85	123.6	XCGAM75

All dimensions are in millimeters with tolerance.

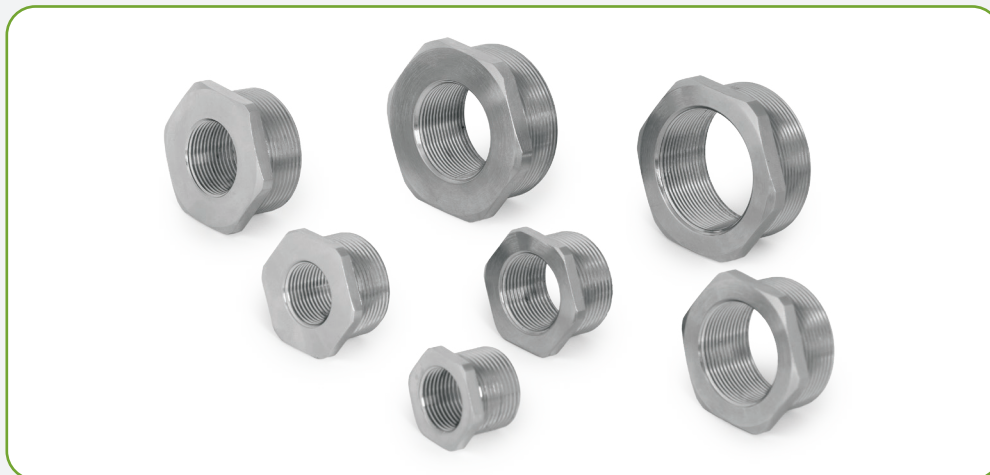
XSP- stopping plug

Technical Data	
Permissible zones	Group IIA/IIB/IIC, IIIA/IIIB/IIIC zones 1, 2, 21, 22
Marking	Ex db IIC Gb/ Ex eb IIC Gb Ex tb IIIC Db
IPI IR EX certification	IRES 25 EPIL 023
Degree of Protection acc. to EN 60529	IP66
Material	Nickel-Plated Brass

Plug size specification			
Series	ISO thread size	Thread height	Catalog number
XSP	M20	15.0	XSPM20
XSP	M25	17.0	XSPM25
XSP	M32	15.0	XSPM32
XSP	M40	15.0	XSPM40
XSP	M50	15.0	XSPM50
XSP	M63	15.0	XSPM63
XSP	M75	15.0	XSPM75

All dimensions are in millimeters with tolerance.

XAR- adaptor-reducer



Technical Data	
Permissible zones	Group IIA/IIB/IIC, IIIA/IIIB/IIIC zones 1, 2, 21, 22
Marking	Ex db IIC Gb/ Ex eb IIC Gb Ex tb IIIC Db
IPI IR EX certification	IREX 25 EPIL 020
Degree of Protection acc. to EN 60529	IP66
Material	Nickel-Plated Brass

adaptors chart							
Male	M20	M25	M32	M40	M50	M63	M75
M20		XARM20-M25	XARM20-M32				
M25	XARM25-M20		XARM25-M32	XARM25-M40			
M32	XARM32-M20	XARM32-M25		XARM32-M40	XARM32-M50		
M40		XARM40-M25	XARM40-M32		XARM40-M50		
M50			XARM50-M32	XARM50-M40		XARM50-63	
M63					XARM63-50		XARM63-M75
M75						XARM75-63	

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