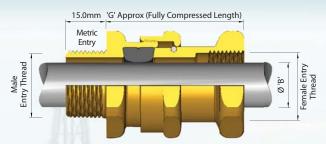
Cable Glands Hazardous Area

Flameproof Exd & Increased Safety Exe

Dual Certified ATEX / IECEX



Application

- Outdoor or indoor use.
- For use with non-armoured elastomer and plastic insulated cables installed in conduit.
- See technical section for installation rules and regulations.

CABLE GLAND SELECTION TABLE												
Size Ref.	Male Entry Thread Size		Female Entry Thread Size		Cable Acceptance Details					Hexagon Dimensions		
		NPT * Standard or Option	Metric	NPT # Standard or Option	Outer Sheath 'B'				161			
	Metric				Standard Seal		Alternative Seal (S)		'G'	Across	Across	
					Min.	Max.	Min.	Max.		Flats	Corners	
Os	M20 ²	1/2"	M20	-	3.0	8.0	-	-	54.5	24.0	26.5	
0	$M20^2$	1/2"	M20	-	7.5	11.9	-	-	54.5	24.0	26.5	
Α	M20	34" or ½"	M20	-	11.0	14.3	8.5	13.4	56.4	30.0	32.5	
В	M25	1" or ¾"	M25	-	13.0	20.2	9.5	15.4	48.2	36.0	39.5	
C	M32	1¼" or 1"	M32	-	19.0	26.5	15.5	21.2	61.6	46.0	50.5	
C2	M40	$1\frac{1}{2}$ " or $1\frac{1}{4}$ "	M40	-	25.0	32.5	22.0	28.0	64.6	55.0	60.6	
D	M50	2" or 1½"	M50	-	31.5	4.4/42.3 ¹	27.5	34.8	83.2	65.0	70.8	
Е	M63	2½" or 2"	M63	-	42.5	56.3/54.3 ¹	39.0	46.5	83.2	80.0	88.0	
F	M75	3" or 2½"	M75	-	54.5	68.2/65.3 ¹	48.5	58.3	86.4	95.0	104.0	

 $All \ dimensions \ in \ millimetres \ (except * where \ dimensions \ are \ in \ inches). \ Metric \ entry \ threads \ are \ 1.5mm \ pitch \ as \ standard.$

Technical Data

- Flameproof Exd and Increased Safety Exe 😉 II 2 GD ExtD A21.
- Certificate No's: Baseefa06ATEX0056X and IECEx BAS 06.0013X.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- Construction and Test Standards: IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7, IEC/EN 61241-0 and IEC/EN 61241-1.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -60°C to +100°C.
- Assembly Instruction Sheet: Al 310.
- Alternative certification options available:



GOST R-Exe IIU

GOST K- Approved for use in Kazakhstan

Features

- Provides a cable retention seal onto the cables outer sheath.
- When used in Increased Safety applications, this cable gland may be used with braided cable where the braid and the cables outer sheath pass into the enclosure. The braid must be suitably terminated into the enclosure.
- Provides female running coupler for cable gland or conduit entry.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Ordering Information

Format for ordering is as follows: Alternative Seal (S), add suffix S to ordering information.

Cable Gland Type	Size	Thread	(OPTIONAL)	Cable Gland Type	Size	Thread	(OPTIONAL)
501/414	C	M32	S	501/414	С	1 ½"NPT	S





¹ Smaller value is applicable when selecting reduced NPT male entry option.

² Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 10.9mm

[#] NPT female thread sizes equivalent to those shown in the table for the male thread size are available. Hexagon dimensions as shown may alter.