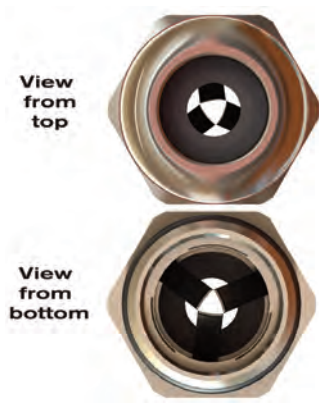
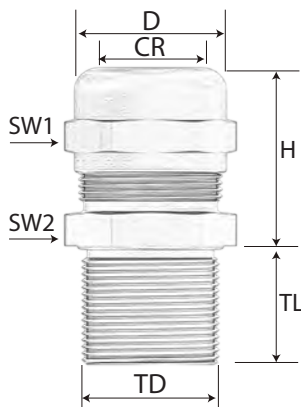


Explosion Proof Glands

EX EMC-2 Metric & NPT

Nickel Plated Brass EX e & EX d dome cap glands for shielded cables

Metric & NPT
Thread



Technical data:

Material:	Nickel Plated Brass		
Seal:	Chloroprene (CR)		
Seal type:	Double or triple		
O-Ring:	Chloroprene (CR)		
Spring:	Special copper alloy		
Protection type:	IP 68 5 bar (30 min)		
Temperature range:	-40°C to +80°C		
<i>Ex d/tb:</i>	-40°C to +80°C		
<i>Ex e/tb:</i>	-60°C to +80°C		
Suitable for use in:	Group II	Gas Group IIC	ZONE 1/ZONE 2
	Group III	Dust Group IIIC	ZONE 21/ZONE22
Equipment marking:	Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db		
Marking example	BMD EBS.. CE 0722 ⚡ 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db Ta -40°C to +80°C IP66/68 CESI 13 ATEX 018X IECEx CES 13.0006X		

Approval	Certificate Number	Standards
ATEX	IMQ 13 ATEX 018X	EN 60079-0:2018; EN 60079-1:2014; EN 60079-7:2015; EN 60079-31:2014
IECEx	IECEx IMQ 13.0006X	IEC 60079-0:2017 Ed. 7; IEC 60079-7:2015 Ed. 5; IEC 60079-31:2013 Ed. 2; IEC 60079-1:2014 Ed. 7
UL	E474828_VOL.1_SEC.1	UL 2225
EAC	TR RU AA87.B.00941	ГОСТ 31610.0-2014; ГОСТ IEC 60079-1:2013; ГОСТ IEC 60079-31:2013
IN METRO	DNV 21.0183 X	ABNT NBR IEC 60079-0:2013; ABNT NBR IEC 60079-7:2008; ABNT NBR IEC 60079-31:2011; ABNT NBR IEC 60079-1:2009
DNV	MARINE TAE00003WU	IEC/EN60079-0; IEC/EN60079-7; IEC/EN60079-31; IEC/EN60079-1

Part Number	Thread Type	Seal Type	Clamping Range Ø min-max		Shield Diameter Ø min-max	Outer Diameter	Wrenching Flats Cap		Thread Dia.	Thread Length EX e min. ¹	Thread Length EX d/e min.	Max. Height
			(CR) inches	mm			(SW1) inches	(SW2) inches				
Metric												
EXM2-16	M16x1.5	Double	0.157 - 0.315	4.0 - 8.0	0.098 - 0.197	0.965	0.866	0.866	0.630	0.354	0.630	1.201
EXM2-20	M20x1.5	Triple	0.157 - 0.472	4.0 - 12.0	0.098 - 0.394	0.965	0.866	0.866	0.787	0.354	0.709	1.122
EXM2-25	M25x1.5	Triple	0.394 - 0.709	10.0 - 18.0	0.315 - 0.551	1.220	1.102	1.102	0.984	0.354	0.630	1.260
EXM2-32	M32x1.5	Triple	0.551 - 0.945	14.0 - 24.0	0.472 - 0.787	1.535	1.378	1.378	1.260	0.354	0.748	1.378
EXM2-40	M40x1.5	Triple	0.866 - 1.26	22.0 - 32.0	0.709 - 1.102	1.949	1.772	1.772	1.575	0.354	0.787	1.673
EXM2-50	M50x1.5	Triple	1.024 - 1.378	26.0 - 35.0	0.866 - 1.220	2.402	1.969	2.165	1.969	0.354	0.787	1.909
EXM2-63	M63x1.5	Triple	1.378 - 1.772	35.0 - 45.0	1.220 - 1.614	2.953	2.520	2.677	2.480	0.354	0.787	1.772
NPT												
EXN2-3/8	NPT 3/8	Double	0.157 - 0.315	4.0 - 8.0	0.098 - 0.197	0.965	0.866	0.866	0.675	-	0.630	1.201
EXN2-1/2	NPT 1/2	Triple	0.157 - 0.472	4.0 - 12.0	0.098 - 0.394	0.965	0.866	0.866	0.840	-	0.709	1.122
EXN2-3/4	NPT 3/4	Triple	0.394 - 0.709	10.0 - 18.0	0.315 - 0.551	1.220	1.102	1.102	1.050	-	0.630	1.280
EXN2-1	NPT 1	Triple	0.551 - 0.945	14.0 - 24.0	0.472 - 0.787	1.535	1.378	1.378	1.315	-	0.787	1.378
EXN2-1 1/4	NPT 1-1/4	Triple	0.866 - 1.260	22.0 - 32.0	0.709 - 1.102	1.949	1.772	1.772	1.660	-	0.787	1.673
EXN2-1 1/2	NPT 1-1/2	Triple	1.024 - 1.378	26.0 - 35.0	0.866 - 1.220	2.402	1.969	2.165	1.900	-	0.787	1.772
EXN2-2	NPT 2	Triple	1.378 - 1.772	35.0 - 45.0	1.220 - 1.614	2.953	2.520	2.677	2.375	-	0.787	1.772
EXN2-2 1/2	NPT 2-1/2	Triple	1.811 - 2.441	46.0 - 62.0	1.654 - 2.283	3.504	3.150	3.150	2.875	-	0.827	2.224
EXN2-3	NPT 3	Triple	2.362 - 2.953	60.0 - 75.0	2.205 - 2.795	4.134	3.740	3.740	3.500	-	0.827	2.559

¹ For 9mm thread for EX e metric glands, add -TL9 to end of P/N
Larger sizes are available upon request