

SH-BDM-2: Industrial Cable Gland (Armoured Cable)

Materials	Nickel Brass (Brass, Stainless Steel 304/316 - On Request)
Surface Treatment	Nickel Planted, Passivation
Sealing Materials	Silicon Rubber, Neoprene, Teflon, PA6
Explosion Mark	Exd IIC Gb/ Exe II Gb/ Ex tD A21 IP68
Fireproof Grade	V0 (UL94)
Protection Level	IP68 (Screwed-on the Cap)
Ambient Temperature	Static from -60°C to 100°C, up to 120°C Short Time. Dynamic from -20°C to 80°C, up to 100°C without halide.



Environment Condition : Zone1, Zone2 IIA-IIC Explosive gas atmosphere, Strict 21, 22 inflammable dust environment, it is widely used in petroleum, chemical, warehouse, food, pharmaceutical, military and other electrical cable fixing and sealing.

Technical Parameters

Product Model	Entry Thread Size (AG)		Cable Acceptance Details					H	GL	Hexagon Size	
			Outer Sheath ØB			Wire Armored Belt / Knits				Across Flats	Across Corners
	Metrix	NPT/G	Inner Sheath	Min	Max	Orientation 1	Orientation 2				
SH-BDM-2-01o	M20x1.5o	1/2"	< 8	5.5	12.0	0.9/1.25	0/0.7	30.0	16	24.0	27.7
SH-BDM-2-01S	M20x1.5S	1/2"	< 12	9.5	16.0	0.9/1.25	0/0.7	38.0	16	24.0	27.7
SH-BDM-2-02	M25x1.5	3/4"	< 15	12.5	20.5	0.9/1.25	0/0.7	38.0	16	30.0	34.6
SH-BDM-2-03	M32x1.5	1"	< 21	16.9	26.0	1.25/1.6	0/0.7	44.0	18	36.0	41.6
SH-BDM-2-04	M40x1.5	1-1/4"	< 27	22.0	33.0	1.6/2.0	0/0.7	46.0	18	46.0	53.1
SH-BDM-2-05	M50x1.5	1-1/2"	< 33	28.0	41.0	1.8/2.5	0/0.7	50.0	20	55.0	63.5
SH-BDM-2-06	M63x1.5	2"	< 43	36.0	52.6	1.8/2.5	0/1.0	64.0	20	65.0	75.1
SH-BDM-2-07	M75x1.5	2-1/2"	< 54.4	46.0	65.3	1.8/2.5	0/1.0	70.0	20	80.0	92.4
SH-BDM-2-08	M85x1.5	3"	< 66	57.0	78.0	1.8/2.5	0/1.0	80.0	20	95.0	109.6

The thread length can be lengthened, according to the requirement of customer

Model Implication



NB = Nickel Brass
B = Brass
SS304 = Stainless Steel 304
SS3016 = Stainless Steel 316

Example : SH-BDM-2-02MNB => Explosion Proof Cable Gland SH-BDM-2 (Armoured Cable),

Thread Type : Matrix, **Thread Size :** M25x1.5, **Material :** Nickel Brass

