

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

<b>Materials</b>	Nickel Brass (Brass, Stainless Steel 304/316 - On Request)
<b>Surface Treatment</b>	Nickel Planted, Passivation
<b>Sealing Materials</b>	Silicon Rubber, Neoprene, Teflon, PA6
<b>Explosion Mark</b>	Exd IIC Gb/ Exe II Gb/ Ex tD A21 IP68
<b>Fireproof Grade</b>	V0 (UL94)
<b>Protection Level</b>	IP68 (Screwed-on the Cap)
<b>Ambient Temperature</b>	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-2-01	M16x1.5(M20)	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**

**SH - BDM - 2**

Brand Industrial Cable Gland (Armoured Cable)

**02**

Model

**M**

Thread M, G, NPT

**NB**

Material

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 (Armored Cable),

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

