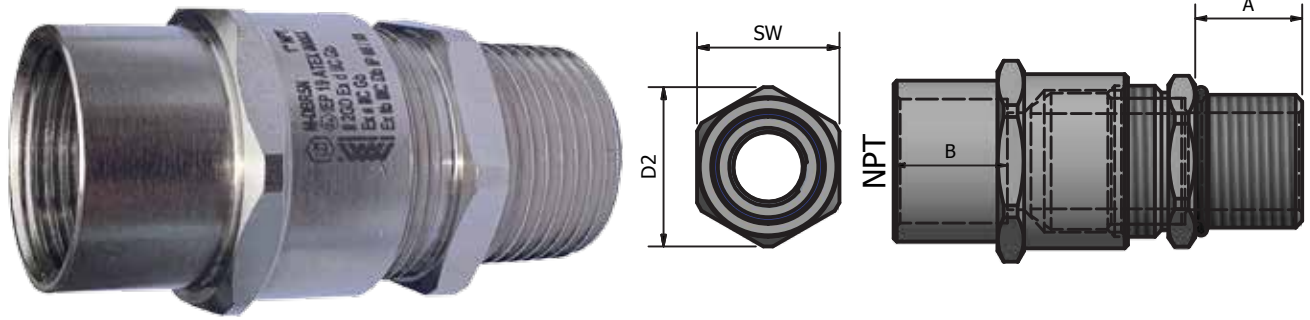




Hazardous Area Glands (Group II)

RIGID STEEL CONDUIT GLANDS

YILDIZ SERIES



Technical Details

Type	Rigid Steel Conduit Glands IMC & RSC type
Protection Code	Ex I M2 Ex db / eb I Mb / II 1D Ex tb IIC Da / II 2G Ex db / eb IIC Gb
Certificate	IEP 20 ATEX 0820X / Directive 2014/34/EU
Material	MS 58 Brass, Brass Nickel Plated
Standarts	EN 60079-0 / EN 60079-1 / EN 60079-7 / EN 60079-31
IP Rating	EN 60529 IP66 & IP68
Seal Material	Chloroprene Seals -40°C to +100°C / Silicone Seals -60°C to +180°C
Application Area	Group II-III / Gas & Dust, Zone 1-2 & 21-22
	Gas Groups IIA, IIB, IIC / Dust Groups IIIA, IIIB, IIIC
Optional Accessories	Shroud, Locknut, Earth tag, IP Washers

Size Selection Table			
Metric Size		NPT Size	
1M	M12x1,5	1N	1/4"
2M	M16x1,5	2N	3/8"
3M	M20x1,5	3N	1/2"
4M	M25x1,5	4N	3/4"
5M	M32x1,5	5N	1"
6M	M40x1,5	6N	1 1/4"
7M	M50x1,5	7N	1 1/2"
8M	M63x1,5	8N	2"
9M	M75x1,5	9N	2 1/2"
10M	M80x1,5	10N	3"
11M	M100x1,5	11N	4"

Product Code	NPT Size	Thread (mm)	Suitable Rigid Conduit Type (B)	Clamping Range (C) min-max	SW (mm)	D2 (mm)	Thread Length A (mm)	Thread Length B (mm)	Weight (Kgs)
M-DBR3N	1/2"	21,336	1/2"	10,0 - 14,0	27	30	16	16	-
M-DBR4N	3/4"	26,670	3/4"	13,0 - 18,0	32	36	16	16	-
M-DBR5N	1"	33,401	1"	18,0 - 25,0	42	46	16	16	-
M-DBR6N	1 1/4"	42,164	1 1/4"	22,0 - 32,0	50	55	18	18	-
M-DBR7N	1 1/2"	47,800	1 1/2"	30,0 - 38,0	60	66	18	18	-
M-DBR8N	2"	60,325	2"	34,0 - 44,0	70	77	20	20	-
M-DBR9N	2 1/2"	73,025	2 1/2"	48,0 - 57,0	85	95	22	22	-
M-DBR10N	3"	88,900	3"	56,0 - 70,0	100	110	25	25	-
M-DBR11N	4"	114,300	4"	70,0 - 89,0	125	137	25	25	-

Product Code	Metric Size	Thread (mm)	Suitable Rigid Conduit Type (B)	Clamping Range (C) min-max	SW (mm)	D2 (mm)	Thread Length A (mm)	Thread Length B (mm)	Weight (Kgs)
M-DBR3M	M20x1,5	20	1/2"	10,0 - 14,0	27	30	16	16	-
M-DBR4M	M25x1,5	25	3/4"	13,0 - 18,0	32	36	16	16	-
M-DBR5M	M32x1,5	32	1"	18,0 - 25,0	42	46	16	16	-
M-DBR6M	M40x1,5	40	1 1/4"	22,0 - 32,0	50	55	18	18	-
M-DBR7M	M50x1,5	50	1 1/2"	30,0 - 38,0	60	66	18	18	-
M-DBR8M	M63x1,5	63	2"	34,0 - 44,0	70	77	20	20	-
M-DBR9M	M75x1,5	75	2 1/2"	48,0 - 57,0	85	95	22	22	-
M-DBR10M	M80x1,5	80	3"	56,0 - 70,0	100	110	25	25	-
M-DBR11M	M100x1,5	100	4"	70,0 - 89,0	125	137	25	25	-

Code	Size Code	Male Thread	Material	Sealing Gasket	Accessories				Code Example
	2: M16x1,5 3: M20x1,5	M: Metric N: NPT	B : Brass BN : Brass Nickel Plated	S: Silicone C: Chloroprene	Shroud	Locknut	Earth Tag	IP Washers	
M-DBR	2	M	BN	C	S	L	E	W	M-DBR2MBNCL