

Ex-d/Ex-e EXIOS Barrier Glands - Brass / Nickel Plated

Brass / Stainless Steel - NPT / Metric Threads



I M2 Ex de I Mb IIC Gb / I M2 Ex ta IIC Da

For Armored Cable with Compound

Raw Brass, Cable Glands EXIOS Barrier for Hazardous Duty Locations, Nylon Clamping Insert, Silicone O-Ring & Seals, V2, UL94, IP 68 (5 bar)

Part Numbers	Size Type	Thread Type & Size	Dimensions in Inches (mm) (See Diagram Below)										
			mm	D	H max	GL	A1	Cable Range Inner Jacket A2	Dia. Over Cond. A3	Max. No. Cond.	Clamping Ring 1	Clamping Ring 2	L1
YP09NK-BB	20 - 1	3/8" NPT *	.87 (22)	1.06 (27)	2.52 (64)	.63 (16)	.24 - .47 (6 - 12)	.32 (8.2)	.31 (7.9)	8	0 - 0.03 (0 - 0.7)	0.03 - 0.05 (0.7 - 1.25)	.79 (20)
YP13NM-BB	20 - 2	1/2" NPT	.94 (24)	1.14 (29)	2.68 (68)	.63 (16)	.35 - .63 (9 - 16)	.47 (12)	.35 (8.8)	10	0 - 0.03 (0 - 0.7)	0.03 - 0.05 (0.7 - 1.25)	.79 (20)
YP13NL-BB	20 - 3	1/2" NPT	1.18 (30)	1.38 (35)	2.87 (73)	.63 (16)	.49 - .81 (12.5 - 20.5)	.55 (14)	.45 (11.5)	15	0 - 0.03 (0 - 0.7)	0.03 - 0.06 (0.7 - 1.4)	.79 (20)
YP21NK-BB	25	3/4" NPT	1.42 (36)	1.65 (42)	3.2 (81.3)	.63 (16)	.67 - 1.02 (16.9 - 26)	.79 (20)	.65 (16.4)	25	0 - 0.03 (0 - 0.7)	0.04 - 0.06 (0.9 - 1.6)	.79 (20)
YP29NK-BB	32	1" NPT	1.81 (46)	2.05 (52)	3.37 (85.5)	.63 (16)	.87 - 1.30 (22 - 33)	1.02 (26)	.84 (21.4)	45	0 - 0.03 (0 - 0.7)	0.05 - 0.08 (1.3 - 2.0)	1.18 (30)
YP29LK-BB	40	1-1/4" NPT	2.17 (55)	2.52 (64)	3.72 (94.4)	.63 (16)	1.10 - 1.61 (28 - 41)	1.31 (33.2)	1.09 (27.6)	70	0 - 0.03 (0 - 0.7)	0.05 - 0.08 (1.3 - 2.0)	1.18 (30)
YP36NK-BB	40	1-1/2" NPT	2.17 (55)	2.52 (64)	3.72 (94.4)	.63 (16)	1.10 - 1.61 (28 - 41)	1.31 (33.2)	1.09 (27.6)	70	0 - 0.03 (0 - 0.7)	0.05 - 0.08 (1.3 - 2.0)	1.18 (30)
YP50NK-BB	50	2" NPT	2.56 (65)	2.87 (73)	4.58 (116.3)	.63 (16)	1.42 - 2.07 (36 - 52.6)	1.74 (44.2)	1.48 (37.5)	85	0 - 0.04 (0 - 1.0)	0.06 - 0.10 (1.5 - 2.5)	1.38 (35)
YP52NK-BB	63	2-1/2" NPT	3.15 (80)	3.54 (90)	5.02 (127.6)	.63 (16)	1.81 - 2.57 (46 - 65.3)	2.21 (56.2)	1.86 (47.3)	120	0 - 0.04 (0 - 1.0)	0.06 - 0.10 (1.5 - 2.5)	1.57 (40)
YP30NK-BB	75	3" NPT	3.74 (95)	4.21 (107)	5.37 (136.5)	.63 (16)	2.24 - 3.07 (57 - 78)	2.69 (68.2)	2.28 (58.0)	150	0 - 0.04 (0 - 1.0)	0.06 - 0.10 (1.5 - 2.5)	1.77 (45)
YP16MK-BB	20 - 1	M16 x 1.5 *	.87 (22)	1.06 (27)	2.52 (64.0)	.63 (16)	.24 - .47 (6 - 12)	.32 (8.1)	.31 (7.9)	8	0 - 0.03 (0 - 0.7)	0.03 - 0.05 (0.7 - 1.25)	.79 (20)
YP20MK-BB	20 - 1	M20 x 1.5	.87 (22)	1.06 (27)	2.52 (64.0)	.63 (16)	.24 - .47 (6 - 12)	.32 (8.2)	.31 (7.9)	8	0 - 0.03 (0 - 0.7)	0.03 - 0.05 (0.7 - 1.25)	.79 (20)
YP20MM-BB	20 - 2	M20 x 1.5	.94 (24)	1.14 (29)	2.68 (68)	.63 (16)	.35 - .63 (9 - 16)	.47 (12)	.35 (8.8)	10	0 - 0.03 (0 - 0.7)	0.03 - 0.05 (0.7 - 1.25)	.79 (20)
YP20ML-BB	20 - 3	M20 x 1.5	1.18 (30)	1.38 (35)	2.87 (73)	.63 (16)	.49 - .81 (12.5 - 20.5)	.55 (14)	.45 (11.5)	15	0 - 0.03 (0 - 0.7)	0.03 - 0.06 (0.7 - 1.4)	.79 (20)
YP25MK-BB	20 - 3	M25 x 1.5	1.18 (30)	1.38 (35)	2.87 (73)	.63 (16)	.49 - .81 (12.5 - 20.5)	.55 (14)	.45 (11.5)	15	0 - 0.03 (0 - 0.7)	0.03 - 0.06 (0.7 - 1.4)	.79 (20)
YP25MM-BB	25	M25 x 1.5	1.42 (36)	1.65 (42)	3.2 (81.3)	.63 (16)	.67 - 1.02 (16.9 - 26)	.79 (20)	.65 (16.4)	25	0 - 0.03 (0 - 0.7)	0.04 - 0.06 (0.9 - 1.6)	.79 (20)
YP32MK-BB	32	M32 x 1.5	1.81 (46)	2.05 (52)	3.37 (85.5)	.63 (16)	.87 - 1.30 (22 - 33)	1.02 (26)	.84 (21.4)	45	0 - 0.03 (0 - 0.7)	0.05 - 0.08 (1.3 - 2.0)	1.18 (30)
YP40MK-BB	40	M40 x 1.5	2.17 (55)	2.52 (64)	3.72 (94.4)	.63 (16)	1.10 - 1.61 (28 - 41)	1.31 (33.2)	1.09 (27.6)	70	0 - 0.03 (0 - 0.7)	0.05 - 0.08 (1.3 - 2.0)	1.18 (30)
YP50MK-BB	50	M50 x 1.5	2.56 (65)	2.87 (73)	4.58 (116.3)	.63 (16)	1.42 - 2.07 (36 - 52.6)	1.74 (44.2)	1.48 (37.5)	85	0 - 0.04 (0 - 1.0)	0.06 - 0.10 (1.5 - 2.5)	1.38 (35)
YP63MK-BB	63	M63 x 1.5	3.15 (80)	3.54 (90)	5.02 (127.6)	.63 (16)	1.81 - 2.57 (46 - 65.3)	2.21 (56.2)	1.86 (47.3)	120	0 - 0.04 (0 - 1.0)	0.06 - 0.10 (1.5 - 2.5)	1.57 (40)
YP75MK-BB	75	M75 x 1.5	3.74 (95)	4.21 (107)	5.37 (136.5)	.63 (16)	2.24 - 3.07 (57 - 78)	2.69 (68.2)	2.28 (58.0)	150	0 - 0.04 (0 - 1.0)	0.06 - 0.10 (1.5 - 2.5)	1.77 (45)

Materials Part Number Key (Last 2 letters)

xxxxxx-BB = Raw Brass
 xxxxxx-BR = Nickel Plated Brass
 xxxxxx-B1 = Brass Body with Nickel Plated Thread
 xxxxxx-SS = Stainless Steel 316L

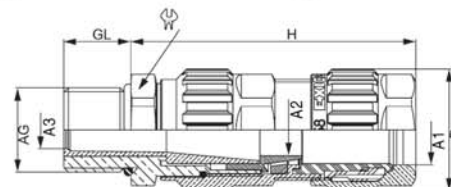
NOTE: Parts listed above are Brass, as indicated by the part number ending BB. For Nickel Plated Brass, order part number ending BR. For Stainless Steel, order part number ending SS. For Nickel Plated Brass Threads with Brass Body, order part number ending B1. Accessories Available.

Replacement Compound: Part Number: 1.000.6060.01 (57g / 2.01 oz)
 Part Number: 1.000.6060.02 (115g / 4.06 oz)

Compound is included with every gland!

Class I, Zone 1 Approved!

* Group II Certified only through IECEx



EXIOS Barrier / Certificates

IEC 60079-0:2007-10 EN 60079-7:2007	IEC 60079-1:2007-4 EN 60079-31:2009	IEC 60079-7:2006-7 EN 60529	IEC 60079-31:2008 IECEx Sir 11.0044X	EN 60079-0:2009 Sira-11 ATEX 1110-X	EN 60079-1:2007
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