

BRASS DOME-TOP STRAIN RELIEF CONNECTORS & LOCK NUTS "METRIC"

Specifications

Technical Details:

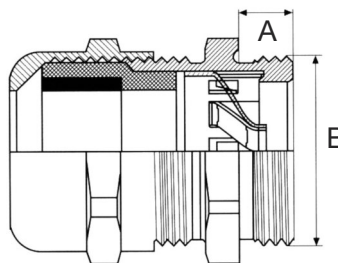
Material: Brass, Nickel Plated
Sealing Ring: Neoprene
Protection Class: IP68
Temp. Range: -40°C to +100°C
Clamping Insert: Polyamide 6
O Ring: NBR (Buna N, Nitrile)



Part #	Cable Range	Thread Type Size	DIMENSIONS (INCHES)			Locking Nuts (Nickel Plated Brass)	
			Clearance Hole +.10/.010	Thread Length Fitting	Wrenching Flats	PART # Locking Nut	THREAD TYPE & SIZE
Dome Fitting	(Inches)						
BRM12AA BRM12AR	.12 - .26 .08 - .20	M12	.49	.24	.55	NM-12-BR	M12
BRM16AA BRM16AR	.16 - .31 .07 - .24	M16	.63	.28	.67	NM-16-BR	M16
BRM20AA BRM20AR	.24 - .47 .11 - .28	M20	.79	.32	.87	NM-20-BR	M20
BRM25AA BRM25AR	.39 - .55 .27 - .47	M25	.98	.32	.95	NM-25-BR	M25
BRM32AA BRM32AR	.51 - .71 .35 - .63	M32	1.26	.35	1.18	NM-32-BR	M32
BRM40AA BRM40AR	.71 - .98 .51 - .79	M40	1.58	.35	1.58	NM-40-BR	M40
BRM50AA BRM50AR	.87 - 1.26 .79 - 1.02	M50	1.97	.35	1.97	NM-50-BR	M50



DOME CAP STANDARD EMC CABLE GLANDS WITH ISO/METRIC OR NPT THREADS



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Sealing Ring: Neoprene
Protection Class: IP68
Clamping Insert: Polyamide 6
O Ring: NBR (Buna N, Nitrile)



Dome Cable Glands	Locking Nuts	Cable Range (in.)	Type & Size	Clearance Hole (in.) (A)	Thread Length (in.) (B)	Across Flats (in.) (C)
ISO/METRIC THREADS						
BRME16	NM-16-BR	.16 - .31	M16 x 1.5	0.63	0.28	0.71
BRME20	NM-20-BR	.24 - .47	M20 x 1.5	0.79	0.31	0.87
BRME25	NM-25-BR	.39 - .55	M25 x 1.5	0.98	0.31	1.06
NPT THREADS						
BRNE13	LN-50	.24 - .47	1/2" NPT	0.83	0.51	0.87
BRNE21	LN-75	.51 - .71	3/4" NPT	1.14	0.51	1.18

THREAD SPECIFICATIONS

PG THREAD SPECIFICATIONS

Thread Size	Thread Diameter (mm)	Pitch (mm)	Outside Diameter(mm)
Pg 7	12.5	1.27	11.3
Pg 9	15.2	1.41	13.9
Pg 11	18.6	1.41	17.3
Pg 13.5	20.4	1.41	19.1
Pg 16	22.5	1.41	21.2
Pg 21	28.3	1.56	26.8
Pg 29	37.0	1.56	35.5
Pg 36	47.0	1.56	45.5
Pg 42	54.0	1.56	52.5
Pg 48	59.3	1.56	57.8

NPT THREAD SPECIFICATIONS

Thread Size	Thread Diameter (mm)	Pitch (mm)
NPT 1/4"	13.7	1.41
NPT 3/8"	17.1	1.41
NPT 1/2"	21.3	1.81
NPT 3/4"	26.7	1.81
NPT 1"	33.4	2.21
NPT 1-1/4"	48.3	2.21
NPT 1-1/2"	47.0	2.21
NPT 2"	60.3	2.21

METRIC THREAD SPECIFICATIONS

Thread Size	Thread Diameter (mm)	Pitch (mm)	Outside Diameter(mm)
M12 x 1.5	12	1.50	10.6
M16 x 1.5	16	1.50	14.6
M20 x 1.5	20	1.50	18.6
M25 x 1.5	25	1.50	23.6
M32 x 1.5	32	1.50	30.6
M40 x 1.5	40	1.50	38.6
M50 x 1.5	50	1.50	48.6
M63 x 1.5	63	1.50	61.6