



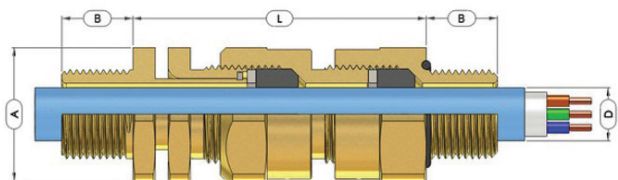
# PRODUCT TYPE A\*RDM

## Double Compression Gland with a Freely Rotating Male Conduit Connection

Ex d : Ex e : Ex nR : Ex ta : IP66 : IP68 Class I Div 2 : AEx e : AEx ta

### PART NUMBERS:

A	1	R	DM	B	F
	2			S	
	3			A	
	4				



REFERENCE NUMBER: 2.3.3

EXAMPLE PART NUMBERING:  
A2RDMB050NPT/NP/20/M20

<b>A</b>	Gland featuring controlled displacement sealing
<b>2</b>	Neoprene Seals (2) - Silicone Seals (3) - Neoprene/Lead (1) - Silicone/Lead (4)
<b>R</b>	Rotating Conduit Design
<b>DM</b>	Double Seal with Male Conduit Connection Thread
<b>B</b>	Aluminium (A) / Brass (B) / Stainless Steel (S)
<b>F</b>	Multiple Certification
<b>050NPT</b>	1/2"NPT Male Conduit Connection Thread
<b>L</b>	Locknut (material dictated by gland entry thread material)
<b>H</b>	Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)
<b>T</b>	Including Earth Tag
<b>S</b>	Including Serrated Washer
<b>1</b>	Quantity per kit
<b>NP</b>	Nickel Plated
<b>20</b>	Gland shell size
<b>M20</b>	M20 x 1.5mm Male Entry Thread

OPTIONAL ACCESSORIES:

<b>LOCKNUT</b>	Brass (ACBLN) / Stainless Steel (ACSLN) / Aluminium (ACALN)
<b>EARTH TAG</b>	Brass (ACBET) / Stainless Steel (ACSET) / Aluminium (ACAET)
<b>IP WASHERS</b>	Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
<b>SERRATED WASHERS</b>	Stainless Steel (ACSSW)

<b>IP RATING:</b>	IP66 & IP50 68 metres - 7 Days, Type 4X
<b>OPERATING TEMP:</b>	Neoprene Seals -35°C to +90°C / Silicone Seals -60°C to +180°C
<b>MATERIALS:</b>	Aluminium, Brass or Stainless Steel
<b>PLATING:</b>	Electroless Nickel

CABLE GLAND SELECTION TABLE  
(ALL DIMENSIONS IN mm)

Gland Size	Entry Thread Size		Metric Thread Length [B]	Conduit Connection Thread		Cable Acceptance Outer Sheath [D]		Nominal Protrusion Length [L] (Metric)	Dimensions/Weight (Metric Versions)		
	Metric	NPT		Metric	NPT	Min	Max		Across Flats [A]	Across Corners	Weight Kgs (Metric)
12	M12 x 1.5	3/8"	16	M12 x 1.5	3/8"	0.9	6.0	56	19.0	21.0	0.088
12	M16 x 1.5	3/8" or 1/2"	16	M16 x 1.5	3/8" or 1/2"	0.9	6.0	53	25.4	28.0	0.175
16	M16 x 1.5	1/2" or 3/4"	16	M16 x 1.5	1/2" or 3/4"	4.0	8.4	63	25.4	28.0	0.195
20S	M20 x 1.5	1/2" or 3/4"	16	M20 x 1.5	1/2" or 3/4"	7.2	11.7	74	25.4	28.0	0.215
20	M20 x 1.5	1/2" or 3/4"	16	M20 x 1.5	1/2" or 3/4"	9.4	14.0	74	30.0	33.0	0.265
25	M25 x 1.5	3/4" or 1"	16	M25 x 1.5	3/4" or 1"	13.5	20.0	73	37.6	41.4	0.368
32	M32 x 1.5	1" or 1 1/4"	16	M32 x 1.5	1" or 1 1/4"	19.5	26.3	73	46.0	50.6	0.525
40	M40 x 1.5	1 1/4" or 1 1/2"	16	M40 x 1.5	1 1/4" or 1 1/2"	23.0	32.2	79	55.0	60.5	0.807
50S	M50 x 1.5	1 1/2" or 2"	16	M50 x 1.5	1 1/2" or 2"	28.1	38.2	80	65.0	71.5	1.010
50	M50 x 1.5	2"	16	M50 x 1.5	2"	33.1	44.1	80	65.0	71.5	0.874
63S	M63 x 1.5	2" or 2 1/2"	19	M63 x 1.5	2" or 2 1/2"	39.2	50.1	80	80.0	88.0	1.511
63	M63 x 1.5	2 1/2"	19	M63 x 1.5	2 1/2"	46.7	56.0	80	80.0	88.0	1.334
75S	M75 x 1.5	2 1/2" or 3"	19	M75 x 1.5	2 1/2" or 3"	52.1	62.0	79	90.0	99.0	1.764
75	M75 x 1.5	3"	19	M75 x 1.5	3"	58.0	68.0	79	90.0	99.0	1.538
80	M80 x 2.0	3" or 3 1/2"	25	M80 x 2.0	3" or 3 1/2"	62.2	72.0	93	104.0	115.2	2.748
85	M85 x 2.0	3" or 3 1/2"	25	M85 x 2.0	3" or 3 1/2"	69.0	78.0	93	104.0	115.2	2.434
90	M90 x 2.0	3 1/2" or 4"	25	M90 x 2.0	3 1/2" or 4"	74.0	84.0	94	114.0	125.7	3.011
100	M100 x 2.0	3 1/2" or 4"	25	M100 x 2.0	3 1/2" or 4"	82.0	90.0	96	114.0	125.7	2.733

NOTES

- Gland size does not necessarily equate to the entry thread size.
- The IP O-ring seal is only available on metric entry threads. IP washers can be supplied for tapered entry threads.
- Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread

for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.

- When selecting IP Washer material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.