



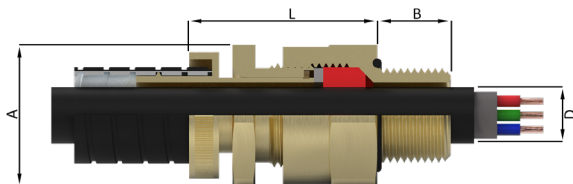
PRODUCT TYPE A*RCC

Single Compression Gland featuring a Freely Rotating Flexible Metallic Conduit Connector

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68

PART NUMBERS:

A	1	R	CC	B	F
	2			S	
	3			A	
	4				



EXAMPLE PART NUMBERING:
A2RCCBF/NP/20-1/M20

A	Gland featuring controlled displacement sealing
2	Neoprene Seal (2) - Silicone Seal (3) - Neoprene/Lead (1) - Silicone/Lead (4)
R	Rotating Conduit Design
CC	Metallic Flexible Conduit Connector
B	Aluminium (A) / Brass (B) / Stainless Steel (S)
F	Multiple Certification
NP	Nickel Plated
20-1	Gland & Connector Size
M20	M20 x 1.5mm Male Entry Thread

OPTIONAL ACCESSORIES:

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

IP RATING:	IP66 & IP68 (50 metres - 7 Days)
OPERATING TEMP:	Neoprene Seals -35°C to +90°C Silicone Seals -60°C to +180°C
MATERIALS:	Aluminium, Brass or Stainless Steel
PLATING:	Electroless Nickel

CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Gland & Connector Size	Entry Thread Size		Metric Thread Length [B]	Cable Acceptance Details Outer Sheath [D]		Typical Conduit Diameter		Nominal Protrusion Length [L]	Dimensions/Weight (Metric Versions)		
	Metric	NPT		Min	Max	I/D	Max O/D		Across Flats [A]	Across Corners	Weight (Kgs)
12-1	M12 x 1.5	1/4"	16	0.9	5.4	6.8	10.3	35	19.0	20.9	0.051
12-2	M12 x 1.5	1/4"	16	0.9	6.0	10.2	14.1	35	19.0	20.9	0.054
12-3	M12 x 1.5	1/4"	16	0.9	6.0	9.1	14.3	35	19.0	20.9	0.057
12-4	M12 x 1.5	1/4"	16	0.9	6.0	10.9	15.8	35	19.0	20.9	0.062
12-5	M12 x 1.5	1/4"	16	0.9	6.0	7.7	13.0	35	19.0	20.9	0.056
16-1	M16 x 1.5	3/8"	16	4.0	8.4	10.2	14.1	39	25.4	28.0	0.108
16-2	M16 x 1.5	3/8"	16	4.0	8.4	10.9	15.8	39	25.4	28.0	0.115
16-3	M16 x 1.5	3/8"	16	4.0	8.4	13.0	17.1	39	25.4	28.0	0.120
20S-1	M20 x 1.5	1/2" or 3/4"	16	7.2	11.0	13.0	17.1	45	25.4	28.0	0.122
20S-2	M20 x 1.5	1/2" or 3/4"	16	7.2	11.7	13.9	19.3	45	25.4	28.0	0.132
20S-3	M20 x 1.5	1/2" or 3/4"	16	7.2	11.7	14.6	20.7	45	25.4	28.0	0.124
20-1	M20 x 1.5	1/2" or 3/4"	16	9.4	14.0	16.9	22.3	45	30.0	33.0	0.155
20-2	M20 x 1.5	1/2" or 3/4"	16	9.4	14.0	16.9	23.8	45	30.0	33.0	0.164
20-3	M20 x 1.5	1/2" or 3/4"	16	9.4	14.0	18.7	24.8	45	30.0	33.0	0.178
20-4	M20 x 1.5	1/2" or 3/4"	16	9.4	14.0	20.7	28.3	45	30.0	33.0	0.197
20-5	M20 x 1.5	1/2" or 3/4"	16	9.4	13.0	13.9	19.3	45	30.0	33.0	0.160
25-1	M25 x 1.5	3/4" or 1"	16	13.5	20.0	23.7	31.3	46	37.6	41.4	0.250
25-2	M25 x 1.5	3/4" or 1"	16	13.5	19.0	21.1	26.8	46	37.6	41.4	0.225
25-3	M25 x 1.5	3/4" or 1"	16	13.5	19.0	25.0	31.3	46	37.6	41.4	0.260
25-4	M25 x 1.5	3/4" or 1"	16	13.5	20.0	20.7	28.3	46	37.6	41.4	0.215
32-1	M32 x 1.5	1" or 1 1/4"	16	19.5	26.0	28.1	33.3	47	46.0	50.6	0.306
32-2	M32 x 1.5	1" or 1 1/4"	16	19.5	26.3	30.4	40.8	47	46.0	50.6	0.353
32-3	M32 x 1.5	1" or 1 1/4"	16	19.5	26.3	30.4	38.8	47	46.0	50.6	0.374
40-1	M40 x 1.5	1 1/4" or 1 1/2"	16	23.0	32.2	36.4	46.8	50	55.0	60.5	0.529
40-2	M40 x 1.5	1 1/4" or 1 1/2"	16	23.0	32.2	36.4	44.8	50	55.0	60.5	0.505
40-3	M40 x 1.5	1 1/4" or 1 1/2"	16	23.0	32.2	37.6	45.3	50	55.0	60.5	0.491
50S-1	M50 x 1.5	1 1/2" or 2"	16	28.1	38.2	48.4	55.8	50	65.0	71.5	0.613
50-1	M50 x 1.5	2"	16	33.1	44.1	48.4	55.8	50	65.0	71.5	0.600
63S-1	M63 x 1.5	2" or 2 1/2"	19	39.2	50.1	57.5	64.8	50	80.0	88.0	0.933
63-1	M63 x 1.5	2 1/2"	19	46.7	53.6	57.5	64.8	50	80.0	88.0	0.918

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 supply products 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 gland kits, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.
- It is the installer's responsibility to ensure that the flexible conduit is secured correctly.
- If fit testing is required for specific conduit please contact Peppers.