
 TECHNICAL DATA SHEET

ABB cable glands – NBBG-R90 series

Black Beauty[®] general purpose nylon cable glands



Ideal for all industrial OEM and MRO applications, hand tighten, high mechanical pull out performance.

Certifications / Standards:


Features & Benefits:

- Large cable clamping range
- Liquid tight mechanical grip
- Full length busing seal protects cable
- Extended pull out performance
- Corrosion resistant

Applications:

- General purpose
- Machine building
- Maintenance and repair
- Suitable for cable types:
 - Non-armoured
 - Portable

Material:

- Halogen free nylon construction
- Neoprene or TPV sealing ring
- Nylon chuck

Environmental ratings:
Working Temperature:

- Normal use: -34 to +105°C (-29 to +221°F)

Ingress protection:

To ensure ingress protection, use suitable gasket and lock nut when required.

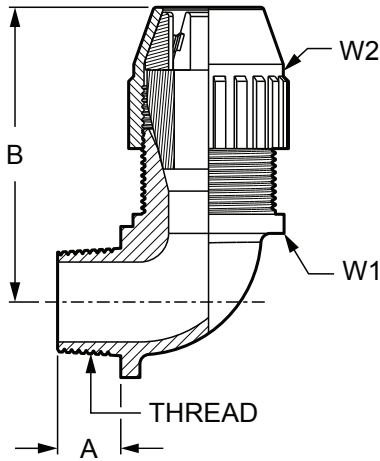
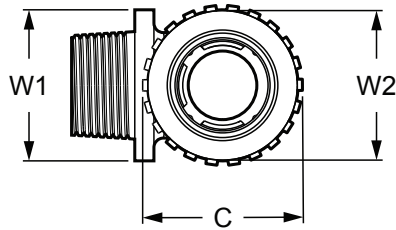
- TYPE 4X (With 5262 Series Sealing Rings)
- Wet and Dry Locations

Chemical resistance guide:

- See publication TDS000081

Conforms to:

- UL514B
- CSA C22.2-18.3
- ANSI C33.84
- NFPA 70 (ANSI) / CSA C22.1
- CG293 (US Coastguard)
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II



Product selection

Part no:	Thread (NPT)	Cable range			Nominal dimensions			
		Min	Max	A	B	C	W1	W2
2680	3/8	3.18 (0.125)	6.99 (0.275)	11.76 (0.463)	45.72 (1.800)	22.86 (0.900)	22.35 (0.880)	21.34 (0.840)
2681	1/2	6.35 (0.250)	10.16 (0.400)	15.37 (0.605)	63.50 (2.500)	31.98 (1.259)	30.48 (1.200)	30.35 (1.195)
2682	1/2	10.16 (0.400)	14.22 (0.560)	15.37 (0.605)	63.50 (2.500)	31.98 (1.259)	30.48 (1.200)	30.35 (1.195)
2683	3/4	14.22 (0.560)	17.53 (0.690)	15.67 (0.617)	71.12 (2.800)	37.47 (1.475)	37.47 (1.475)	37.08 (1.460)
2684	3/4	16.76 (0.660)	19.81 (0.780)	15.67 (0.617)	71.12 (2.800)	37.47 (1.475)	37.47 (1.475)	37.08 (1.460)
2688	1	14.22 (0.560)	17.53 (0.690)	19.56 (0.770)	76.20 (3.000)	47.85 (1.884)	46.99 (1.850)	45.72 (1.800)
2685	1	16.76 (0.660)	19.81 (0.780)	19.56 (0.770)	81.28 (3.200)	47.85 (1.884)	46.99 (1.850)	45.72 (1.800)
2686	1	19.56 (0.770)	22.73 (0.895)	19.56 (0.770)	81.28 (3.200)	47.85 (1.884)	46.99 (1.850)	45.72 (1.800)
2687	1	22.10 (0.870)	25.91 (1.020)	19.56 (0.770)	81.28 (3.200)	47.85 (1.884)	46.99 (1.850)	45.72 (1.800)

Fittings used in a trade size knockout requiring a Type 4X listing require a 5262 Series sealing ring.
 Dimensions for reference only.
 Bold numbers are metric, parenthesis numbers are inches.
 Note: Product must be installed in accordance with applicable national and local electrical codes.

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