

NMG X53

Explosion Proof Armoured Cable Gland



BS 6121 Type E1, A2

- Dual certification EEx 'd' Flameproof and EEx 'e' Increased Safety helps reduce specification errors.
- For armoured E1 and non-armoured A2 elastomer and plastic insulated cable.
- Outdoor or indoor, IP66.
- Provides armour clamping.
- Provides a seal on inner sheath of cable.
- Provides a seal on outer sheath of cable.
- Fully inspectable armour clamping.
- Wide cable acceptance range for easy selection.

● **Operating Temperature Range**

-50 °C to +100 °C

● **Materials and Finishes**

Manufactured as standard in brass.
Alternative materials and plating are available upon request.

● **Optional Accessories**

Lead seal for lead sheathed cables.
Locknut, Sealing Washer, Earthtag, Shroud.

● **Certification and Approvals**

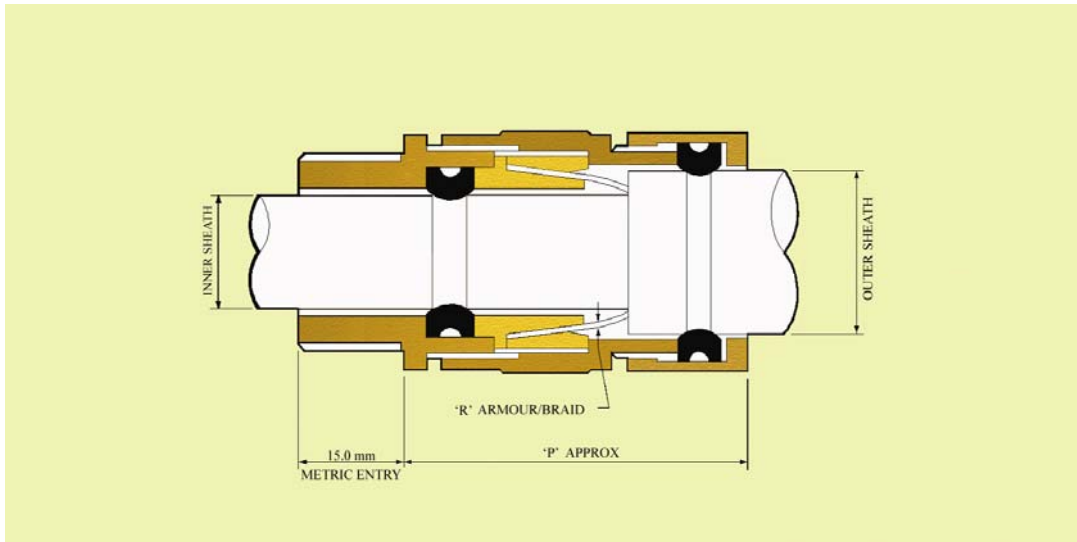
ISSeP Certificate No. ISSeP04ATEX052
EEx 'd' and EEx 'e' . EN 50014, EN 50018
and EN 50019.
Suitable for use in Zone 1 and Zone 2 ,
Group IIA, IIB and IIC.



CE
ATEX

NMG X53

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Explosionproof Outdoor / Indoor, armoured / non-armoured, seal : Inner and outer

| CABLE GLAND SELECTION TABLE | | | | | | | | | | | |
|-----------------------------|-------------------|-------|--------------------------|------|-----------------------|------|-------------|--------------|--------------|--------------------|-------------|
| GLAND SIZE REF. | ENTRY THREAD SIZE | | CABLE ACCEPTANCE DETAILS | | | | 'P' Approx. | HEXAGON | | ARMOUR / BRAID 'R' | |
| | | | INNER SHEATH DIAMETER | | OUTER SHEATH DIAMETER | | | ACROSS FLATS | ACROSS FLATS | | |
| | METRIC | INCH* | MIN | MAX | MIN | MAX | | | | | |
| Oss** | M20 | 1/2 | 3.0 | 6.0 | 10.5 | 16.0 | 55 | 25.0 | 27.5 | 0-0.6 xyz | 0.9-1.25 w |
| Os** | M20 | 1/2 | 3.0 | 8.0 | 10.5 | 16.0 | 55 | 25.0 | 27.5 | 0-0.6 xyz | 0.9-1.25 w |
| O** | M20 | 1/2 | 7.5 | 11.9 | 10.5 | 16.0 | 55 | 25.0 | 27.5 | 0-0.6 xyz | 0.9-1.25 w |
| A | M20 | 3/4 | 11.0 | 14.3 | 12.9 | 20.9 | 55 | 30.0 | 34.5 | 0-0.6 xyz | 0.9-1.25 w |
| B | M25 | 1 | 13.0 | 20.2 | 17.0 | 27.1 | 65 | 36.0 | 41.5 | 0-0.6 xyz | 0.9-1.25 w |
| C | M32 | 1 1/4 | 19.0 | 26.5 | 25.0 | 33.3 | 65 | 48.0 | 53.5 | 0-0.6 xz | 1.6-2.0 w |
| C2 | M40 | 1 1/2 | 25.0 | 32.5 | 33.0 | 42.9 | 72 | 55.0 | 63.5 | 0-0.6 xz | 1.6-2.0 w |
| D | M50 | 2 | 31.5 | 44.4 | 39.5 | 52.6 | 93 | 65.0 | 75.0 | 0-1.0 xz | 1.80-2.5 wy |
| E | M63 | 2 1/2 | 42.5 | 56.3 | 52.0 | 65.3 | 93 | 80.0 | 92.5 | 0-1.0 xz | 1.80-2.5 wy |
| F | M75 | 3 | 54.5 | 68.2 | 64.0 | 78.0 | 93 | 95.0 | 109.5 | 0-1.0 xz | 1.80-2.5 wy |

All metric entry threads are 1.5 mm pitch medium fit.

All Dimensions are in millimeters (except *)

** Sizes Oss, Os and O are also available in M16. For O size with M16 maximum inner sheath is 10.9

ORDERING EXAMPLE : Gland type / Size / Thread, e.g. NMG X53 / A / M20

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- Specify cable diameter and thread forms on ordering.
- Specify any optional accessories, if required.
- Design is subject to alteration without notice.