



Marking to ATEX 94/9/EC Directive:  $\text{Ex}$  II 2 G Ex d IIC Gb / II 2 G Ex e IIC Gb / II 2 D Ex tb IIIC Db

Zone: 1, 2, 21, 22 , Gas Group IIC

Compliance with: IEC 60079-0:2011, IEC 60079-1:2007, IEC 60079-7:2007, IEC 60079-31:2008

EC Type Examination Certificate: ISSeP 12 ATEX 027



## FEATURES

- Dual certified Ex 'd' IIC flame proof and Ex 'e' II increased safety, helps to reduce specification errors.
- In accordance with BS 6121 armoured E1 and non-armoured A2 elastomer and plastic insulated cables.
- For outdoor or indoor use with seal protection degree IP66.
- Provides seals on inner and outer sheaths of cable.
- High pull out resistant seal on the cable sheath.
- wide cable acceptance range for easy selection.
- Operating temperature range: -50 °C to +100 °C.
- Materials and Finish: Manufactured as standard in brass with optional Nickel or Galvanized plating.  
Also available in stainless steel.

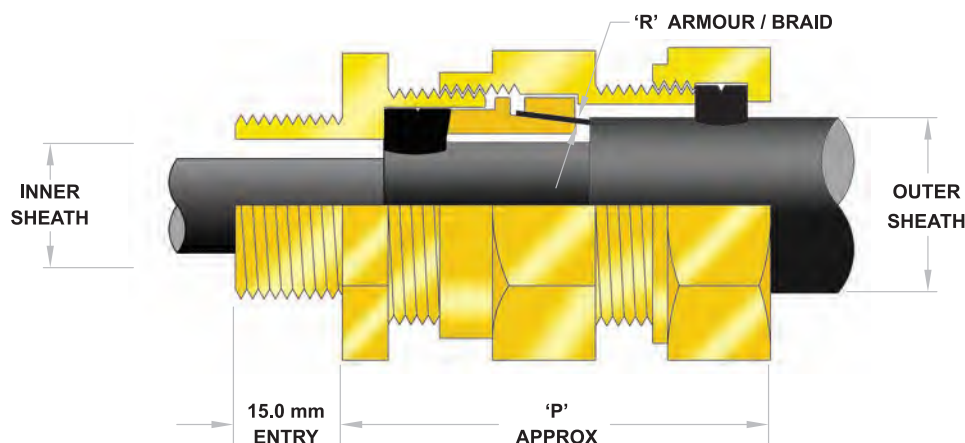


## OPTIONAL ACCESSORIES

- Nickel or Galvanized plating for brass cable gland
- Sealing washer
- Earth tag
- Locknut
- Shroud



## NMG X53.. Armoured Cable Gland



**NMG X53 CABLE GLAND SELECTION TABLE**

| GLAND<br>SIZE<br>REF. | ENTRY THREAD<br>SIZE |       | CABLE ACCEPTANCE DETAILS |      |                          |       | 'P'<br>Approx. | HEXAGON         |                   | ARMOUR / BRAID<br>'R' |     |            |    |
|-----------------------|----------------------|-------|--------------------------|------|--------------------------|-------|----------------|-----------------|-------------------|-----------------------|-----|------------|----|
|                       |                      |       | INNER SHEATH<br>DIAMETER |      | OUTER SHEATH<br>DIAMETER |       |                |                 |                   |                       |     |            |    |
|                       | METRIC               | INCH* | MIN                      | MAX  | MIN                      | MAX   |                | ACROSS<br>FLATS | ACROSS<br>CORNERS |                       |     |            |    |
|                       |                      |       |                          |      |                          |       |                |                 |                   |                       |     |            |    |
| Oss**                 | M20                  | ½"    | 3.0                      | 6.0  | 8.0                      | 15.3  | 55             | 24.0            | 27.5              | 0 - 0.6               | xyz | 0.9 - 1.25 | w  |
| Os**                  | M20                  | ½"    | 3.0                      | 8.0  | 8.0                      | 15.3  | 55             | 24.0            | 27.5              | 0 - 0.6               | xyz | 0.9 - 1.25 | w  |
| O**                   | M20                  | ½"    | 5.0                      | 11.5 | 8.0                      | 15.3  | 55             | 24.0            | 27.5              | 0 - 0.6               | xyz | 0.9 - 1.25 | w  |
| A                     | M20                  | ¾"    | 10.0                     | 14.0 | 13.0                     | 20.9  | 55             | 30.0            | 34.5              | 0 - 0.6               | xyz | 0.9 - 1.25 | w  |
| B                     | M25                  | 1"    | 13.0                     | 19.3 | 18.0                     | 26.5  | 65             | 36.0            | 41.5              | 0 - 0.6               | xyz | 0.9 - 1.25 | w  |
| C                     | M32                  | 1 ¼"  | 18.0                     | 25.5 | 25.0                     | 32.0  | 65             | 48.0            | 53.5              | 0 - 0.6               | xz  | 1.6 - 2.0  | w  |
| C2                    | M40                  | 1 ½"  | 25.0                     | 32.5 | 31.0                     | 42.5  | 72             | 55.0            | 63.5              | 0 - 0.6               | xz  | 1.6 - 2.0  | w  |
| D                     | M50                  | 2"    | 34.0                     | 44.2 | 40.0                     | 52.0  | 93             | 65.0            | 75.0              | 0 - 1.0               | xz  | 1.8 - 2.5  | wy |
| E                     | M63                  | 2 ½"  | 42.0                     | 55.4 | 49.7                     | 64.2  | 93             | 80.0            | 92.5              | 0 - 1.0               | xz  | 1.8 - 2.5  | wy |
| F                     | M75                  | 3"    | 55.0                     | 67.0 | 64.0                     | 77.2  | 93             | 95.0            | 109.5             | 0 - 1.0               | xz  | 1.8 - 2.5  | wy |
| G                     | M80                  | 3 ¼"  | 67.0                     | 73.0 | 75.0                     | 89.5  | 93             | 106.4           | 123.0             | 0 - 1.0               | xz  | 1.8 - 2.5  | wy |
| H                     | M90                  | 3 ½"  | 67.0                     | 77.6 | 75.0                     | 89.5  | 93             | 106.4           | 123.0             | 0 - 1.0               | xz  | 1.8 - 2.5  | wy |
| J                     | M100                 | 4"    | 75.0                     | 91.6 | 88.0                     | 104.5 | 93             | 127.0           | 146.7             | 0 - 1.0               | xz  | 1.8 - 2.5  | wy |

All metric entry threads are 1.5 mm pitch medium fit.

All dimensions 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 / B / M25

- Specify cable inner and outer sheath diameter on ordering.
- Specify thread form e.g. metric, inch ...
- Specify any optional accessories, if required.
- Design is subject to alteration without notice.