

## Technical Information – MSBF



Metric cable glands MSBF, brass, nickel-plated, IP 68 (5 bar, 30 min)

| Model   | Order no. | Note                               |
|---------|-----------|------------------------------------|
| MSBF 12 | 13002100  | M12 x 1.5; cable diameter 3-6 mm   |
| MSBF 16 | 13002200  | M16 x 1.5; cable diameter 5-9 mm   |
| MSBF 20 | 13002300  | M20 x 1.5; cable diameter 9-13 mm  |
| MSBF 25 | 13002400  | M25 x 1.5; cable diameter 11-16 mm |
| MSBF 32 | 13002500  | M32 x 1.5; cable diameter 14-21 mm |
| MSBF 40 | 13002600* | M40 x 1.5; cable diameter 19-27 mm |

### Material

- Nut / Neck
- Seal
- Slat insert
- O-ring
- Brass CuZn39Pb3, galv. nickel-plated
- Polychloroprene nitrile rubber CR/NBR
- Polyamide PA6 V-2
- Nitrile Rubber NBR

### Temperature range

- -20°C / +100°C (dynamic)
- -40°C (static, short-term)

### Protection

- IP 68, IP 69K\*
- 5 bar (30 min)

### Test standard

- DIN EN 62444
- UL 514B

### DNV Certified

- Ships
- Offshore installations
- High-speed and light vehicles

Tested and certified according to:

- DIN EN 62444 (VDE 0619):2014-05; EN 62444:2013
- UL514B
- CAN/CSA C22.2 No. 18.3-04

Meets the requirements of DNV GL rules for the classification of ships, offshore installations, high-speed and light vehicles.

**BOPLA**

\*IP69K tested for M12 - M25

A Phoenix Mecano Company

### Please note!

Technical information is provided to the best of its knowledge, but does not exempt the user from checking the suitability of this information for the intended processes and purposes.