

## 18PG-1604: Straight nipple female Gas 16x1/2"



### Commercial information

These fittings offer great advantages with regard to corrosion. The fittings are equipped with a special O-ring. This O-ring is made of the material HNBR and is resistant to gas.

- The housing of the fitting is made of brass CW617N.
- The fitting is equipped with a bumper ring to prevent direct galvanic contact between the aluminum of the pipe and the brass of the fitting.
- Electrolysis is therefore excluded.
- The fitting is equipped with O-rings made of EPDM and stainless steel press sleeves with 3 control windows.
- To prevent assembly errors, the stainless steel press sleeves are provided with the dimensions and the type of press profile with which the press can be pressed.

#### Basic unit dimensions

|            |          |
|------------|----------|
| Height     | 28 mm    |
| Length     | 51 mm    |
| Width      | 28 mm    |
| Net weight | 0.082 kg |

#### Certificates

DVGW Gas, GASTEC

#### Applications

Gas

#### Solutions

Building installations, Industry, Oil & gas, Utility, Shipbuilding

## Technical characteristics

|                                    |                                                    |                                  |                        |
|------------------------------------|----------------------------------------------------|----------------------------------|------------------------|
| Material connection 1              | Brass                                              | Bend radius                      | 0 Millimetre           |
| Material quality connection 1      | CuZn40Pb2 (CW617N)                                 | Outer pipe diameter connection 1 | 16 Millimetre          |
| Surface protection connection 1    | Untreated                                          | Length                           | 51 Millimetre          |
| Surface treatment connection 1     | Untreated                                          | Length of connection 1           | 36 Millimetre          |
| Material connection 2              | Brass                                              | Working length connection 1      | 36 Millimetre          |
| Material quality connection 2      | CuZn40Pb2 (CW617N)                                 | Length of connection 2           | 20 Millimetre          |
| Surface protection connection 2    | Untreated                                          | Working length connection 2      | 20 Millimetre          |
| Surface treatment connection 2     | Untreated                                          | Wrench width                     | 0 Millimetre           |
| Shape                              | Straight                                           | Wrench width union nut           | 0 Millimetre           |
| Reducing                           | ✗                                                  | Medium temperature (continuous)  | -20 60 Degrees celsius |
| Eccentric                          | ✗                                                  | Max. operating pressure at 20 °C | 10 Bar                 |
| System specific                    | ✓                                                  | Standard Dimension Ratio (SDR)   | 0                      |
| Connection 1                       | Press sleeve                                       |                                  |                        |
| Contour code connection 1          | TH                                                 |                                  |                        |
| Nominal diameter connection 2      | 1/2 inch (15)                                      |                                  |                        |
| Connection 2                       | Internal thread cylindrical BSPP-G (ISO 228-1)     |                                  |                        |
| Main colour fitting                | Brass                                              |                                  |                        |
| Material sealing                   | Hydrogenated acrylonitrile butadiene rubber (HNBR) |                                  |                        |
| With buffer stud                   | ✓                                                  |                                  |                        |
| High tensile strength              | ✗                                                  |                                  |                        |
| With thermal insulation            | ✗                                                  |                                  |                        |
| Ring stiffness class               | Other                                              |                                  |                        |
| With sealing rings/gaskets         | ✓                                                  |                                  |                        |
| Capped                             | ✗                                                  |                                  |                        |
| With drain valve                   | ✗                                                  |                                  |                        |
| With de-aerator                    | ✗                                                  |                                  |                        |
| FM quality mark                    | ✗                                                  |                                  |                        |
| LPCB quality mark                  | ✗                                                  |                                  |                        |
| ULC quality mark                   | ✗                                                  |                                  |                        |
| UL quality mark                    | ✗                                                  |                                  |                        |
| DIN-CERTCO certificate             | ✗                                                  |                                  |                        |
| VdS quality mark                   | ✗                                                  |                                  |                        |
| With approval for TÜV              | ✗                                                  |                                  |                        |
| DVGW quality mark for gas          | ✓                                                  |                                  |                        |
| DVGW quality mark for water        | ✗                                                  |                                  |                        |
| KIWA certified                     | ✗                                                  |                                  |                        |
| Gastec QA mark                     | ✓                                                  |                                  |                        |
| KOMO certified                     | ✗                                                  |                                  |                        |
| Type approval according to BBR/EKS | ✗                                                  |                                  |                        |