

1P-1616: Elbow 90° 16x16



Commercial information

The body of the fitting is made from CW617N brass. These fittings offer great advantages with regard to corrosion and they are also better for the environment.

- The fitting has a buffer ring that prevents direct galvanic contact between the aluminium of the pipe and the brass of the fitting.
- This excludes the possibility of electrolysis occurring.
- The fitting is equipped with O-rings made from EPDM and RVS pressure sleeves with 3 inspection windows.
- In order to prevent assembly errors, the dimensions and type of press profile which can be pressed are shown on the RVS sleeves

Basic unit dimensions

| | |
|------------|----------|
| Height | 59 mm |
| Length | 59 mm |
| Width | 22 mm |
| Net weight | 0.071 kg |

Certificates

ATG, DVGW Wasser, ETA, KIWA, ÖVGW Wasser, WRAS, KOMO, STF, ÖN EN 21003-2/-3, GOST-R, ITC, TSU, QB (CSTBat), AFNOR, ACS, PZH, DNV-GL, Sans 21003, Kontrol Biro, EMI

Applications

Potable water, Heating, Compressed air, Cooling, Sanitary

Solutions

Building installations, Industry, Utility, Shipbuilding

Technical characteristics

| | | | |
|------------------------------------|--|----------------------------------|------------------------|
| Material connection 1 | Brass | Bend radius | 8 Millimetre |
| Material quality connection 1 | CuZn40Pb2 (CW617N) | Outer pipe diameter connection 1 | 16 Millimetre |
| Surface protection connection 1 | Untreated | Outer pipe diameter connection 2 | 16 Millimetre |
| Surface treatment connection 1 | Untreated | Length | 59 Millimetre |
| Material connection 2 | Brass | Length of connection 1 | 48 Millimetre |
| Material quality connection 2 | CuZn40Pb2 (CW617N) | Working length connection 1 | 25 Millimetre |
| Surface protection connection 2 | Untreated | Length of connection 2 | 48 Millimetre |
| Surface treatment connection 2 | Untreated | Working length connection 2 | 25 Millimetre |
| Shape | Bend | Wrench width | 0 Millimetre |
| Reducing | ✘ | Wrench width union nut | 0 Millimetre |
| Eccentric | ✘ | Medium temperature (continuous) | -10 70 Degrees celsius |
| System specific | ✓ | Max. operating pressure at 20 °C | 16 Bar |
| Connection 1 | Press sleeve | Standard Dimension Ratio (SDR) | 0 |
| Contour code connection 1 | TH | | |
| Connection 2 | Press sleeve | | |
| Contour code connection 2 | TH | | |
| Main colour fitting | Brass | | |
| Material sealing | Ethylene-propylene diene monomer rubber (EPDM) | | |
| 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 | ✘ | | |