

## 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 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	✗		