

ULTRA HIGH PRESSURE - 116 SERIES

Series 116. 150 MPa.

Series 116 is available in both standard and Flat-face designs. The series is a CEJN original with extremely small outside dimensions. Non-drip connection and disconnection are standard on the CEJN high pressure range. All exposed components are made of zinc plated steel. The coupling is also available in a design with a safety ring for the locking sleeve to prevent accidental disconnection. Plastic dust caps are standard on both coupling and nipple (dust caps of aluminum can be ordered separately). There is a coupling and nipple manufactured of stainless steel and chemically nickel-plated steel available for use in corrosive environments. There is a coupling with a 90°-connection angle for use in confined areas. The range is primarily recommended for cylinders, bolt tensioner tools, bearing pullers, etc.

Technical data

Material: Hardened, zinc chromate plated steel

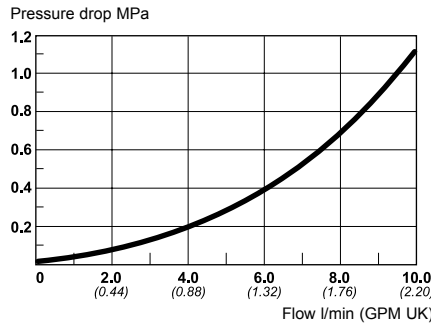
Max. working pressure: 150 MPa

Min. bursting pressure: 300 MPa

Nominal flow diameter: 2.5 mm (3/32")

Temperature range: - 30°C - + 100°C
(-20°F - + 210°F)

Flow capacity at pressure drop 0.4 MPa:
6.0 l/min (1.32 GPM UK)



FLAT-FACED DESIGN (C101161219)



**NIPPLE NOT TO BE PRESSURISED
IN DISCONNECTED POSITION**

| | Part No. | Connection | Length | Diameter | Hexagon | Con. stroke | Weight (g) | Rec. torque (Nm) | Rec. Sealing method |
|------------------------------|-------------------------|---|--------|----------|---------|-------------|------------|------------------|---------------------|
| COUPLINGS | Female thread | | | | | | | | |
| | 10 116 1201 | G 1/8" | 53,8 | 28,0 | 24 | 18,3 | 155 | 40-50 | T |
| | 10 116 1202 | G 1/4" | 61,3 | 28,0 | 24 | 18,3 | 165 | 40-50 | CMS |
| | 10 116 1222 | G 1/4" safety lock | 61,3 | 28,0 | 24 | 18,3 | 170 | 40-50 | CMS |
| | 10 116 1230 | G 1/4" angled connection | 66,6 | 35 | 28 | 18,3 | 245 | 50-60 | T (1*) |
| | 10 116 1246 | G 1/4" safety lock stainless steel (chemical nickel plated steel locking sleeve) | 61,3 | 28,0 | 24 | 18,3 | 170 | 40-50 | T |
| | 10 116 1402 | NPT 1/4" | 58,3 | 28,0 | 24 | 18,3 | 165 | 50-60 | - |
| 10 116 1422 | NPT 1/4" Safety lock | 58,3 | 28,0 | 24 | 18,3 | 170 | 50-60 | - | |
| NIPPLES | Female thread | | | | | | | | |
| | 10 116 6201 | G 1/8" | 33,3 | 19,6 | 17 | - | 40 | 40-50 | T |
| | 10 116 6202 | G 1/4" | 38,0 | 25,4 | 22 | - | 60 | 40-50 | CMS |
| | 10 116 6241 | G 1/4" stainless steel valve (chemical nickel plated steel body) | 38,0 | 25,4 | 22 | - | 60 | 40-50 | CMS |
| | 10 116 6402 | NPT 1/4" | 35,7 | 25,4 | 22 | - | 55 | 30-40 | - |
| Male thread without valve | | | | | | | | | |
| 10 116 5252 | G 1/4" | 40,5 | 25,4 | 22 | - | 60 | 80-90 | Washer (2*) | |



Plastic dust cap for couplings

Part number 09 115 1004



Plastic dust cap for nipples

Part number 09 115 1055

