



Part No. 101161402

Series Series 116, 150 MPa

3D

PDF

[Inquiry List](#)

Category

Couplings with safety lock

Description Class

Female thread

Remark

-

Connection

NPT 1/4"

Length

60.4 mm

Diameter

28 mm

Hexagon

24 mm

Rec. torque (Nm)

50-60 Nm

Series 116, 150 MPa

The 116 series of hydraulic quick connect couplings for ultra high pressure are easy to handle, safe and reliable. The quick couplers are available in both standard and flat-face designs. Series 116 are non-drip couplings with clean connection and disconnection protecting both the environment and circuit integrity. The safety lock comes as standard and it adds an extra layer of safety by eliminating any risks of accidental disconnections. The high performance and robust design with small outer dimensions, makes it a suitable option in many different applications. Additionally, a 90° swivel connection is available for use in confined areas. The couplings and nipples are available in stainless steel for use in corrosive environments. Plastic dust caps come as standard for both the couplings and nipples. These extend the lifetime of couplings, nipples and the entire hydraulic system. Aluminium dust caps are also available upon request.

Applications: Hydraulic bolt tensioning, Test benches, Cylinders, Bearing pullers



Nominal flow diameter

2.5 mm (0.1")

Flow capacity

6.0 l/min (1.3 GPM UK)

Max. working pressure

150 MPa

Min. burst pressure

300 MPa

Temperature range

-30°C — +100°C (-22°F — +212°F)

Material coupling

Hardened, zinc chromate plated steel

Material nipple

Hardened, zinc chromate plated steel

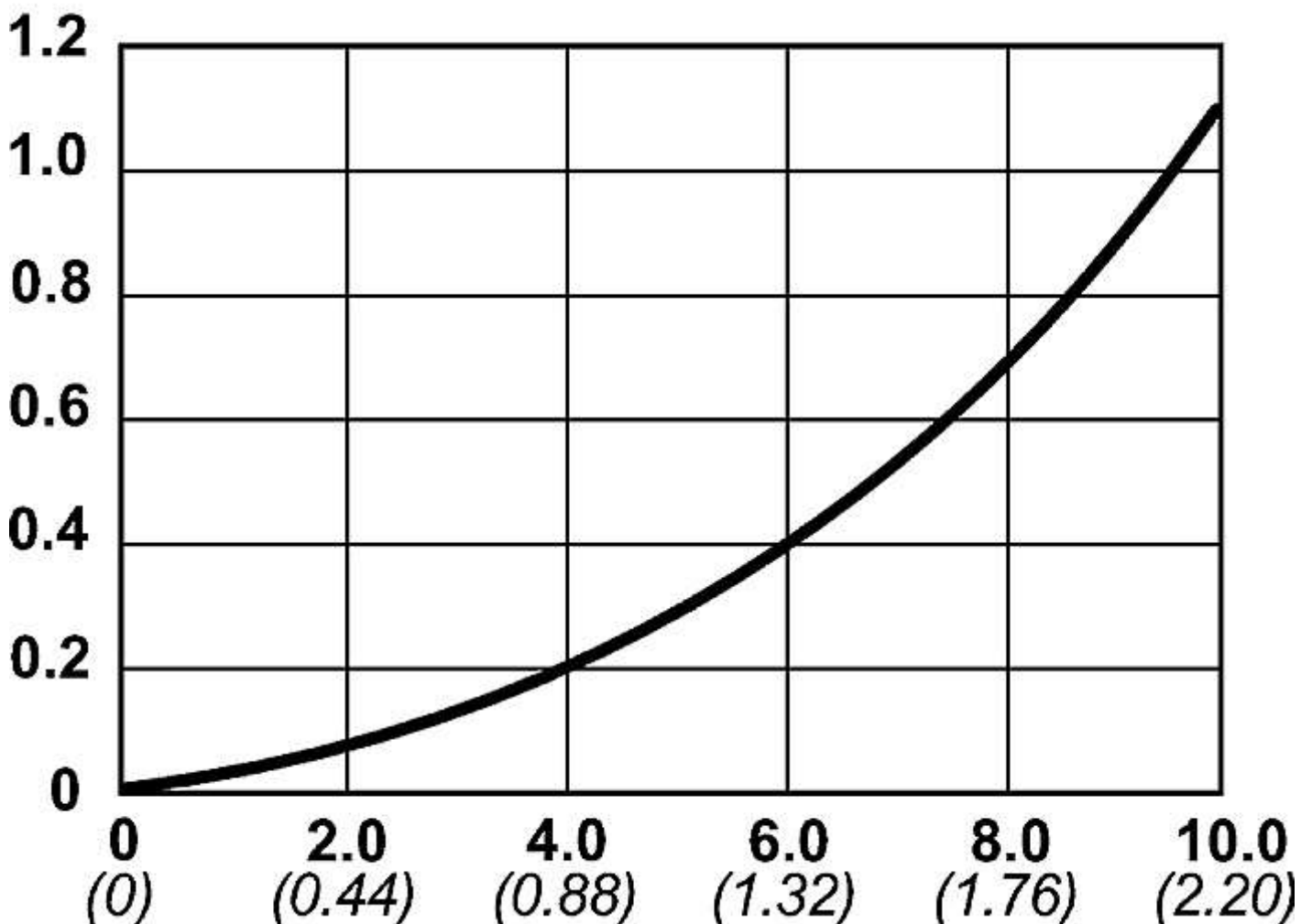
Material seal

Nitrile (NBR) other sealing materials on request

Flow capacity is measured at 0.4 MPa pressure drop.

*CMS= Cejn metal seal (120° cone), T1= rubber metal seal (19 950 0061), T2= rubber metal seal (19 950 0062), T3= rubber metal seal (19 950 0064), T4= high strength rubber metal seal (19 950 0083), W= copper washer (09 950 4600).

Check with an authorized CEJN distributor for availability and prices. Other connections and sealing material on request. Some part numbers may be subject to minimum order quantities. CEJN reserves the right to make changes without further notification. Thread connections are listed according to ISO Standards. All measurements are in mm.



Oil Flow

x: Chart flow l/min (GPM UK)

y: Chart pressure drop MPa