

Series 115 – 100 MPa

- Compact design
- Unique sealing design
- Non-drip on connection and disconnection
- Dust caps included as standard
- Nipple with hose rupture valve available
- Coupling with extra safety ring available

Series 115 is available in both standard and Flat-Face designs. The series is a CEJN original with extremely small outside dimensions. Like all couplings in CEJN's High-Pressure range, non-drip connection and disconnection are standard. All exposed components are made of zinc-plated steel. The couplings are also available in a safety ring design featuring a locking sleeve that prevents accidental disconnection. Extending the service life of the entire hydraulic system, plastic dust caps are standard on both the couplings and nipples. Aluminum dust caps are also available upon request. The nipples are also available with a hose rupture valve. In the event of a ruptured hose, the nipple closes and prevents oil spills that could disrupt production and harm the environment.

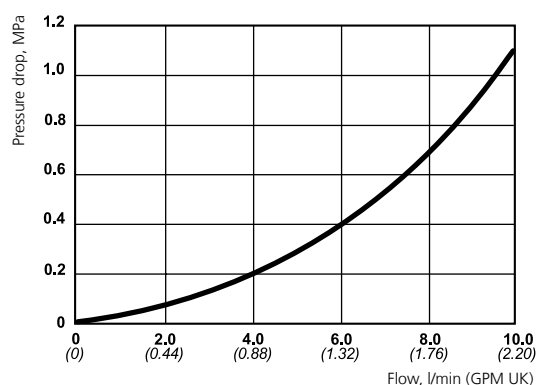


TECHNICAL DATA

OIL FLOW

Nominal flow diameter	2.5 mm (3/32")
Flow capacity	6.0 l/min (1.3 GPM UK)
Max. working pressure.....	100.0 MPa
Min. burst pressure.....	260.0 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.



<http://www.cejn.com/Products/High-Pressure-Hydraulics/Couplings--Nipples/Series-115-100-MPa/>



Read more about Dust caps on page 41

	Part No.	Remark	Connection	Length	Diameter	Hexagon	Rec. torque (Nm)	Rec. seal. method	
COUPLINGS	Female thread	101151102	-	Rc 1/4"	59.3	28	24	50-60	-
		101151104	-	Rc 3/8"	60.8	28	24	70-80	-
		101151201	-	G 1/8"	53.8	28	24	40-50	T1*
		101151202	-	G 1/4"	63.3	28	24	40-50	CMS*
		101151204	-	G 3/8"	63.3	28	24	70-80	T3*
		101151401	-	1/8" NPT	53.8	28	24	40-50	-
	Male thread	101151402	-	1/4" NPT	58.3	28	24	50-60	-
		101151404	-	3/8" NPT	60.3	28	24	70-80	-
		101151252	-	G 1/4"	61.3	28	24	40-50	T2*
		101151254	-	G 3/8"	60.8	28	24	70-80	T3*
		101151452	-	1/4" NPT	61.8	28	24	50-60	-
		101151454	-	3/8" NPT	62.3	28	24	70-80	-
COUPLINGS WITH SAFETY LOCK	Female thread	101151222	-	G 1/4"	61.3	28	24	40-50	CMS*
		101151422	-	1/4" NPT	58.3	28	24	50-60	-
NIPPLES	Female thread	101156102	-	Rc 1/4"	36.7	25.4	22	30-40	-
		101156104	-	Rc 3/8"	38	27.7	24	40-50	-
		101156201	-	G 1/8"	33.3	19.6	17	40-50	T1*
		101156202	-	G 1/4"	38	25.4	22	40-50	CMS*
		101156204	-	G 3/8"	39.5	27.7	24	70-80	T3*
		101156401	-	1/8" NPT	33.3	19.6	17	20-25	-
		101156402	-	1/4" NPT	35.7	25.4	22	30-40	-
		101156404	-	3/8" NPT	37	27.7	24	40-50	-
	Male thread	101156152	-	R 1/4"	62.5	25.4	22	50-60	-
		101156154	-	R 3/8"	63	25.4	22	70-80	-
		101156212	-	G 1/4"	50.3	25.4	22	40-50	T2*
		101156254	-	G 3/8"	62	25.4	22	70-80	T3*
		101156451	-	1/8" NPT	50.8	19.6	17	40-50	-
		101156452	-	1/4" NPT	61.5	25.4	22	50-60	-
		101156454	-	3/8" NPT	62.1	25.4	22	70-80	-
		101156272	Hose rupture valve that closes above 13 l/min (2.9 GPM uk)	G 1/4"	52	25.4	22	40-50	T2*
ADAPTERS	Swivel connection	199501650	Adaptor with integrated swivel	G 1/4"	44	50.5	22	40-50	CMS*

*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). Thread connections are listed according to ISO Standards. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices. Please visit our website, www.cejn.com, for general maintenance tips.