

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.

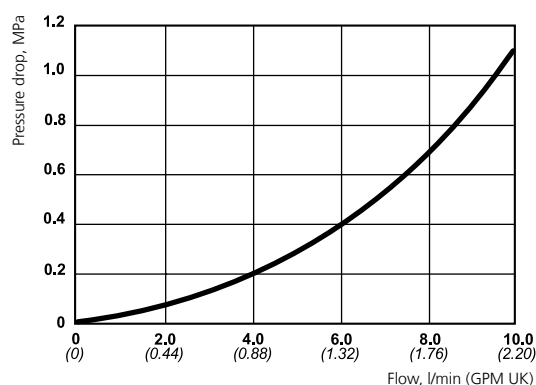


TECHNICAL DATA

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.

Series 115 – Flat Face 80 MPa

- Flat-face design
- Non-drip on connection and disconnection
- Dust caps included as standard
- One-hand operated
- Automatic safety locking device
- Light weight design with an aluminum back-part
- Connects with nipple series 115 standard

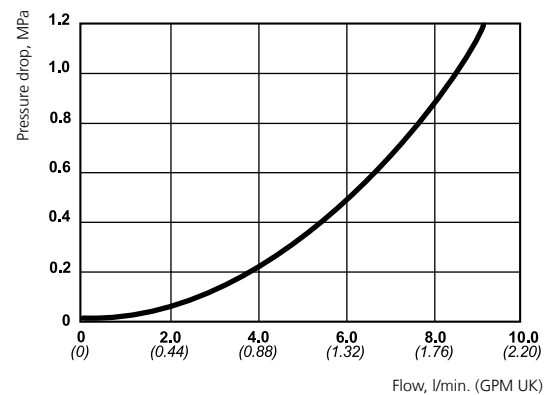
CEJN Series 115 offers a Flat-Face design and a patented auto-lock function. The couplings are light in weight with an aluminum back part, making the series ideal for applications in which lightweight components are a requirement. Series 115 is recommended primarily for rescue equipment, torque tools and cable cutters. A standard version is also available.



TECHNICAL DATA

Nominal flow diameter	2.5 mm (3/32")
Flow capacity	5.3 l/min (1.2 GPM UK)
Max. working pressure.....	80.0 MPa
Min. burst pressure.....	280.0 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 measured at 0.4 MPa pressure drop.



Read more about Dust caps on page 41

	Part No.	Remark	Connection	Length	Diameter	Hexagon	Rec. torque (Nm)	Rec. seal. method	
COUPLINGS	Female thread	101151200	Rubber metal seal included	G 1/4"	73.9	31	24	70-80	T2*
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*		

*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.



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

Series 115 – High-Flow 80 MPa

- Flat-face design
- Non-drip on connection and disconnection
- Dust caps included as standard
- One-hand operated
- Automatic safety locking device

CEJN has expanded its High-Pressure quick connect coupling range with new High-Flow Series hydraulic couplings. The new CEJN Flat-Face couplings are small in size but mighty in performance, making them particularly suitable for hydraulic tools with high-flow requirements

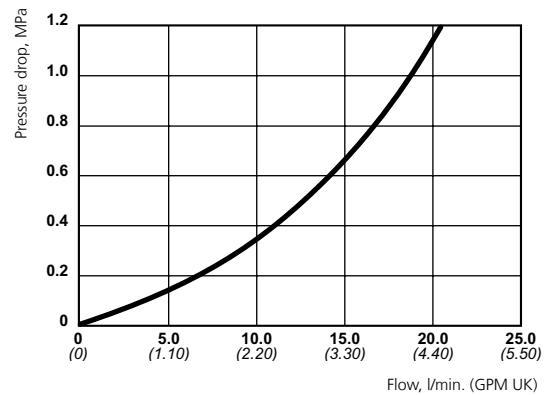


TECHNICAL DATA

OIL FLOW

Nominal flow diameter	4 mm (5/32")
Flow capacity	11 l/min (2.4 GPM UK)
Max. working pressure.....	80.0 MPa
Min. burst pressure.....	240.0 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.....	NBR

Flow capacity measured at 0.4 MPa pressure drop.



Read more about Dust caps on page 41

		Part No.	Remark	Connection	Length	Diameter	Hexagon	Rec. torque (Nm)	Rec. seal. method
COUPLINGS	Female thread	101152202	-	G 1/4"	75.8	30	24		CMS
		101152402	-	1/4" NPT	72.8	30	24		-
	Male thread	101152452	-	1/4" NPT	74.3	30	24		-
NIPPLES	Female thread	101157002	-	G 1/4"	38	24.7	22		CMS
		101157402	-	1/4" NPT	35.7	24.7	22		-

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.



<http://www.cejn.com/Products/High-Pressure-Hydraulics/High-Flow-Flat-Face-Couplings--Nipples/Series-115-High-Flow/>