



HYDRAULICS

CEJN X64 Range

- Superior pressure relief facilitates easy connection with residual pressure in the system



Always Easy to Connect

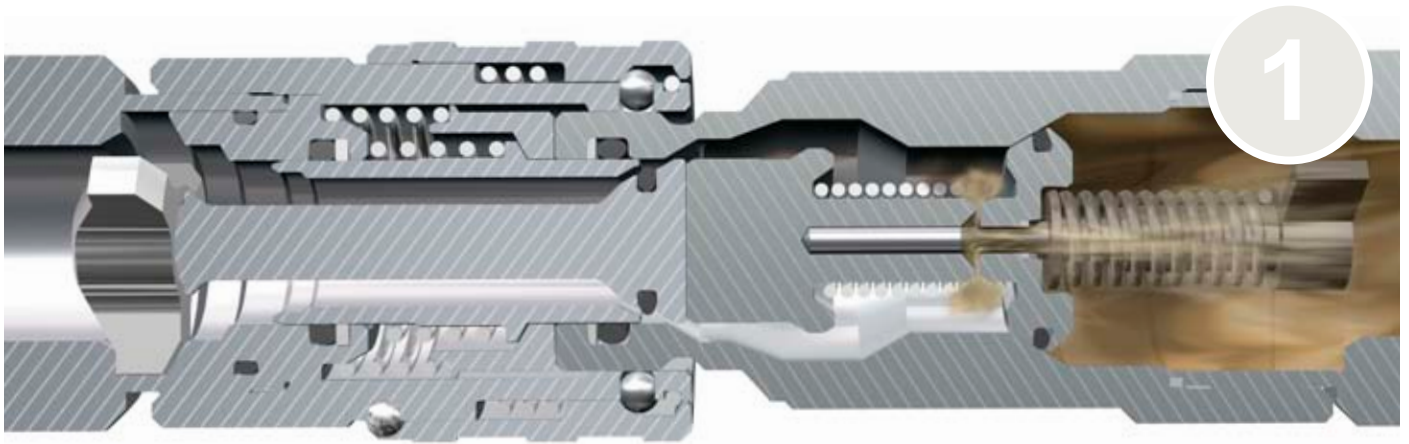
Never again will residual pressure be a problem when you need to connect hydraulic lines

- Flat-Face design
- Connection under pressure
- One-hand operated
- Small dimensions
- Conforms to ISO Standard 16028



With CEJN's X64 range you can easily connect your tools with residual pressure in the system





1. When connected the pressure relief valve opens and the pressure is punctuated. Once the pressure is equalized the nipple is easily connected
2. The coupling and nipple fully connected.

Residual pressure

Residual pressure is mostly caused by expanding oil due to elevated temperatures and results in a substantially increased connection force making the coupling and nipple virtually unconnectable. These types of problems are usually solved by unscrewing some of the threaded connections to bleed out the residual pressure or puncture the pressure by force. In doing so, the surfaces of the coupling or nipple are usually damaged, the frequency of costly down times is increased and the risk of environmentally dangerous leaks becomes higher.

Pressure relief

With a built-in pressure eliminator the residual pressure is punctuated during connection and the pressure is equalized making it possible to connect the hydraulic system without the need for extensive force. Consequently, a fast and easy connection process is ensured and hydraulic spillage is eliminated.

Series X64

– Series 264, 364, 564, 664 and 764

CEJN Series X64 offer quick-connect nipples with a built-in pressure eliminator that does not make their design unnecessarily large and bulky. The pressure eliminator solves problems with high connection force due to residual pressure on the nipple side. It punctures the residual pressure and ensures a low connection force without any hydraulic leakage. The Series are interchangeable with the ISO 16028 Standard and therefore a suitable complement to Series X62 and X65.

The Series are made of plated steel, offered in five sizes ranging from DN 6.3 to DN 19 and are suitable for applications where residual pressure on the nipple side is a problem.



Technical Data	Series 264	Series 364	Series 564	Series 664	Series 764
Nominal flow diameter	6.3 mm (1/4")	10 mm (3/8")	12.5 mm (1/2")	16 mm (5/8")	19 mm (3/4")
Rated flow	9 l/min (2.0 GPM)	19 l/min (4.2 GPM)	43 l/min (9.5 GPM)	70 l/min (15.4 GPM)	105 l/min (23.1 GPM)
Max. working pressure connected	50.0 MPa	40.0 MPa	40.0 MPa	40.0 MPa	40.0 MPa
Max. working pressure disconnected	50.0 MPa	40.0 MPa	40.0 MPa	40.0 MPa	40.0 MPa
Min. burst pressure connected	150.0 MPa	120.0 MPa	120.0 MPa	120.0 MPa	120.0 MPa
Min. burst pressure disconnected	150.0 MPa	120.0 MPa	120.0 MPa	120.0 MPa	120.0 MPa
Temperature range	-30°C – +100°C (-22°F – +212°F)				
Material nipple	Hardened steel (zinc passivation)				
Material seal	Nitrile (NBR), other sealing materials on request				
Connectability	With static pressure up to 50 MPa on the nipple side				
Disconnection under pressure	Not allowed				
Comment	Connects with couplings from the X65, X66 and X62 range in the corresponding DN size				

Nipples with pressure eliminator		Part No.	Connection	Length	Diameter	Hexagon	Seal
SERIES 264	Female thread	102646202	G 1/4"	74.4	25.2	21	NBR
		102646402	1/4" NPT	74.4	25.2	21	NBR
SERIES 364	Female thread	103646204	G 3/8"	75.9	28	25	NBR
		103646205	G 1/2"	79.3	28	27	NBR
		103646404	3/8" NPT	75.9	28	25	NBR
SERIES 564	Female thread	105646205	G 1/2"	95.5	35.7	32	NBR
		105646207	G 3/4"	97	36.7	33	NBR
		105646405	1/2" NPT	95.5	35.7	32	NBR
SERIES 664	Female thread	106646201	G 3/4"	99.5	40	36	NBR
		106646401	3/4" NPT	99.5	40	36	NBR
SERIES 764	Female thread	107646201	G 3/4"	132	46	41	NBR
		107646203	G 1"	132	46	41	NBR
		107646403	1" NPT	132	46	41	NBR



The Global
Quick Connect Specialist

Distributor information: