

Series 765 – DN 19 Steel

Meets and exceeds the demands in the ISO 16028 Standard

- **Flat-Face design**
- **One-hand operated**
- **Extra security locking**

CEJN Series 765 is a Flat-Face quick-connect coupling according to and exceeding the ISO 16028 Standard for low- and medium-pressure hydraulic applications. The Flat-Face design minimizes spillage during connection and disconnection. Series 765 couplings require only one hand for operation, making connection and disconnection fast and easy. Dust caps are available as accessories for both the coupling and nipple when disconnected to prevent dust and debris from entering the system. Series 765 couplings feature manual security locking as added protection against involuntary disconnection.

The couplings and nipples are also available in other sizes; DN 5 (Series 165), DN 6.3 (Series 265), DN 10 (Series 365), DN 12.5 (Series 565), DN 16 (Series 665), DN 25 (Series 065). For a stainless steel version see Series 766. Nipples with pressure eliminator available under Series 764.

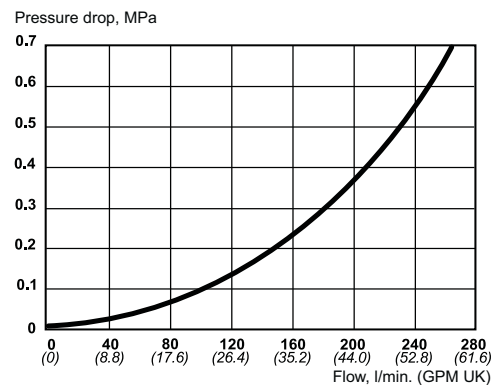


TECHNICAL DATA

Nominal flow diameter	19 mm (3/4")
Rated flow	100 l/min (22.0 GPM UK)
Max. working pressure connected	40.0 MPa
Max. working pressure disconnected	40.0 MPa
Min. burst pressure connected	120.0 MPa
Min. burst pressure disconnected	120.0 MPa
Static pressure applications	Approved to max. working pressure
Dynamic pressure applications	Max. working pressure 25 MPa according to ISO 16028
Temperature range	-30°C – +100°C (-22°F – +212°F)
Material coupling	Steel (zinc passivation)
Material nipple	Hardened steel (zinc passivation)
Material seal	Nitrile (NBR) + PUR (other sealing materials on request)
Connectability	Without pressure
Disconnection under pressure	Not allowed

Rated flow is measured at 0.1 MPa pressure drop.

PRESSURE DROP CHART



		Part No.	Connection	Length	Diameter	Hexagon	Seal
COUPLINGS	Female thread	107651103	Rc 1"	99.8	46.2	41	NBR
		107651201	G 3/4"	99	46.2	41	NBR
		107651211	G 3/4"	99	46.2	41	FPM
		107651203	G 1"	99	46.2	41	NBR
		107651213	G 1"	99	46.2	41	FPM
		107651403	1" NPT	98.8	46.2	41	NBR
		107651603	1 5/16"-12 ORB	99.8	50.2	45	NBR
PUSH-PULL COUPLINGS	Female thread	107651281	G 3/4"	99	46.2	41	NBR
NIPPLES	Female thread	107656103	Rc 1"	93.9	46.2	41	NBR
		107656201	G 3/4"	93.1	46.2	41	NBR
		107656211	G 3/4"	93.1	46.2	41	FPM
		107656203	G 1"	93.1	46.2	41	NBR
		107656213	G 1"	93.1	46.2	41	FPM
		107656403	1" NPT	92.9	46.2	41	NBR
		107656603	1 5/16"-12 ORB	93.9	50.2	45	NBR

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.