

# ADX series

- Flat-Face design for heavy duty Auto-Dock applications
- Extreme surge flow resilience
- Flexible mounting for automated multi-plates

CEJN ADX Series is a hydraulic Flat-Face auto-connect coupling specifically made for custom auto-dock solutions. A perfect solution for everybody that design their own automated hydraulic connection on excavator quick couplers, tractor attachments, wheel loader attachments or other mobile hydraulic applications. ADX is a true heavy duty coupling that can handle connection with pressure in the system and that is extremely resilient to surge flow. The ADX design is generic to fit different solutions on mounting and mechanical solutions on the auto-dock multi-plate. The flexible mounting gives a tolerance for certain misalignment in the connection phase as the couplings will self-align. ADX is made from high alloy steels with Zinc-Nickel surface treatment for a long life in the harshest conditions.



	Part No.	Connection
<b>COUPLINGS</b>	Size: 3/8"	10 931 1204 G 3/8" fem
	Size: 1/2"	10 931 1205 G 1/2" fem
	Size: 3/4"	10 931 1207 G 3/4" fem
	Size: 1"	10 931 1209 G 1" fem
<b>NIPPLES</b>	Size: 3/8"	10 931 6204 G 3/8" fem
	Size: 1/2"	10 931 6205 G 1/2" fem
	Size: 3/4"	10 931 6207 G 3/4" fem
	Size: 1"	10 931 6209 G 1" fem

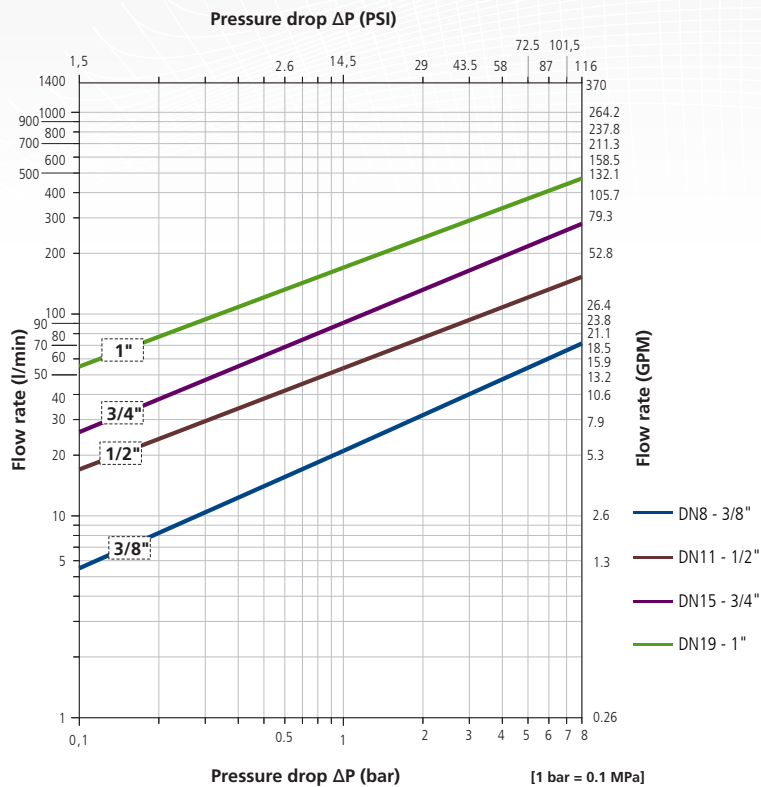




## TECHNICAL DATA

<b>Flow rate</b> .....	40-291 l/min @ 3bar ΔP (10.6-76.9 GPM @ 43.5 ΔPSI)
<b>Temperature range</b> .....	-30°C – +100°C (-22°F – +212°F)
<b>Material coupling</b> .....	Steel
<b>Material nipple</b> .....	Steel
<b>Material seal</b> .....	NBR
<b>Max. working pressure connected</b> .....	420 bar (6091 PSI)
<b>Max. working pressure disconnected</b> .....	400 bar (5801 PSI)
<b>Min. burst pressure connected</b> .....	1680 bar (24366 PSI)
<b>Min. burst pressure disconnected</b> .....	1000 bar (14503 PSI)
<b>Connectability</b> .....	The higher pressure in the system will give higher connection force. Contact CEJN for specifications
<b>Disconnection under pressure</b> .....	Yes

### PRESSURE DROP CHART



*Note! It is always recommended to contact your local CEJN office for technical support and advice and to get all vital data and specifications needed to design a good auto-dock solution with ADX.*

CEJN reserves the right to make changes without further notification. Thread connections are listed according to ISO Standards. Other connections and sealing material on request. Check with an authorized CEJN distributor for availability and prices. Some part numbers may be subject to minimum order quantities. Please visit our website, [www.cejn.com](http://www.cejn.com), for general maintenance tips. All measurements are in mm.