

FLEXQ
CONNECTORS

CPX
Flat Face Push-Pull



LINKING PRECISION WITH PERFORMANCE

8 flow sizes - 8 Nennweiten

CPX, the proven coupling system for demanding applications.

CPX das bewährte Kupplungssystem für anspruchsvolle Applikationen.

Characteristics / Eigenschaften

- | | |
|---|---|
| • Non spill - flat face | • Leakage frei, flachdichtend |
| • Stainless steel | • Edelstahl |
| • Optimized flow characteristics | • Optimierter Durchfluss |
| • Ergonomic design | • Ergonomisches Design |
| • Reliable and robust | • Zuverlässig und robust |
| • One hand option | • Einhand Option |
| • Option to install plug into recessed pocket | • Versenkter Einbau des Nippels möglich |

Safe and quick locking / Schnelle und sichere Verriegelung

The coupling system can be easily connected with one hand, even in particularly hard-to-reach areas.

Selbst in beengten oder schwer erreichbaren Bereichen ist das Kupplungssystem problemlos mit einer Hand bedienbar.

CPX
FLAT FACE PUSH PULL



Series CPX

TEMPERATURE REGULATION

-- PROFILE FF --

Options

- Color coding **R / B**
- Brass free **BF**
- Special sleeve **GH**

Optionen

- Farbkodierung **R / B**
- Messing frei **BF**
- Sonderhülse **GH**

Using areas

- Core pullers
- Injection and blow moulding

Einsatzbereiche

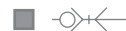
- Kernzug
- Kunststoffindustrie / Blasformen

Materials

Body Socket	Brass
Body Plug	Stainless steel
Body backpart	Brass
Sleeve	Stainless steel
Valve	Brass
Locking Ring	Stainless steel
Spring	Stainless steel
Balls	Stainless steel
Seals	FPM (V)

Materialien

Kupplungskörper	Messing
Stecker Profil	Edelstahl
Stecker Hinterteil	Messing
Hülse	Edelstahl
Ventil	Messing
Sprengring	Edelstahl
Feder	Edelstahl
Kugeln	Edelstahl
Dichtungen	Viton (V)



Temperature range / Temperaturbereich

Nitril (NBR)	N	- 15 °C +100 °C
Fluor Carbon (FPM)	V	- 20 °C +160 °C (Water / Wasser) - 20 °C +200 °C (Heating Oil / Wärmeträgeröl)

Always make sure no medium flows before disconnecting / Stellen Sie immer vor dem Trennen sicher, dass kein Medium fließt

CPX 03 CPX 06 CPX 09 CPX 12 CPX 16



Flow Size
Nennweiten mm

3 6 9 12 16

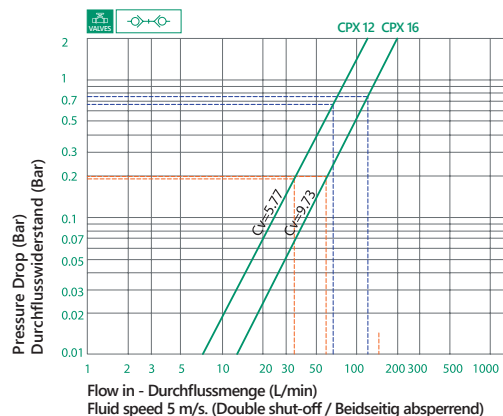
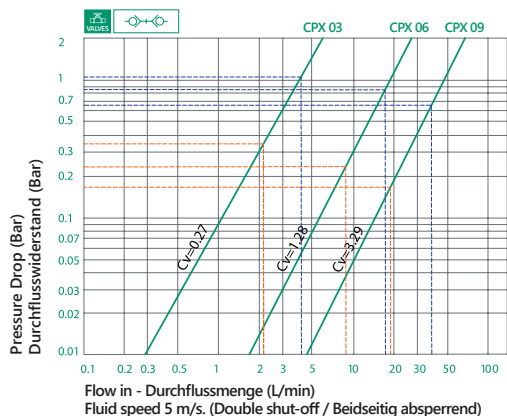


Pressure
Druck bar

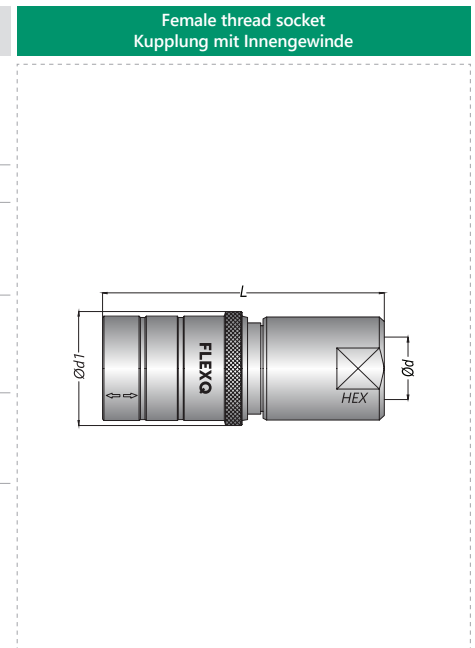
400 180 180 180 180



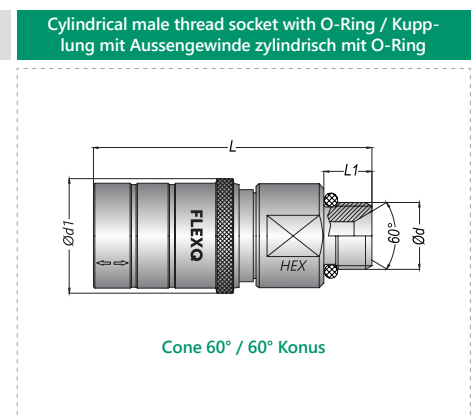
Serie CPX - Flow Rate vs Pressure Drop Graph / Durchflussrate vs Druckabfall



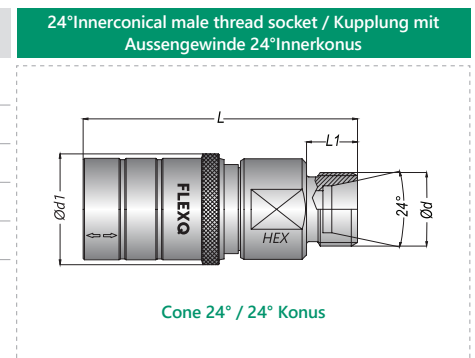
Size		Ød	Ød1	L	HEX
3	CPX 03 FFB 18	BSP 1/8	17	49	13
6	CPX 06 FFB 14	BSP 1/4	24	60	20
	CPX 06 FNB 14	NPT 1/4	24	60	20
	CPX 06 FFB 38	BSP 3/8	24	64	21
9	CPX 09 FFB 38	BSP 3/8	31	76	24
	CPX 09 FNB 38	NPT 3/8	31	76	24
12	CPX 12 FFB 12	BSP 1/2	48	103	27
	CPX 12 FNB 12	NPT 1/2	48	103	27
16	CPX 16 FFB 34	BSP 3/4	54	133	36
	CPX 16 FNB 34	NPT 3/4	54	130	36

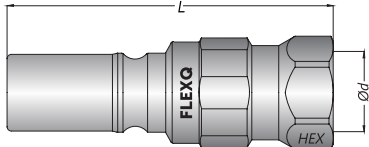


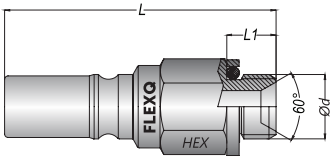
Size		Ød	Ød1	L	L1	HEX
3	CPX 03 FOB 18	BSP 1/8	17	49	10	14
6	CPX 06 FOB 14	BSP 1/4	24	60	11	20
9	CPX 09 FOB 38	BSP 3/8	31	80	12	24
12	CPX 12 FOB 12	BSP 1/2	44	109	14	27
16	CPX 16 FOB 34	BSP 3/4	54	137	20	32

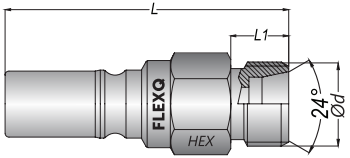


Size		Ød	Ød1	L	L1	HEX
6	CPX 06 FMB 1415-08	M14x1.5	24	61	10	20
6	CPX 06 FMB 1615-10	M16x1.5	24	61	11	20
9	CPX 09 FMB 1815-12	M18x1.5	36	79	11	24
12	CPX 12 FMB 2215-15	M22x1.5	44	108	12	27
16	CPX 16 FMB 3020-22	M30x2.0	53.5	136	14	41



Female thread plug / Nippel mit Innengewinde		Size	 	Ød	L	HEX
	3	CPX 03 MFB 18	BSP 1/8	43.5	13	
		CPX 03 MNB 18	NPT 1/8	41.5	13	
	6	CPX 06 MFB 14	BSP 1/4	59	17	
		CPX 06 MFB 38	BSP 3/8	61	21	
		CPX 06 MNB 14	NPT 1/4	58	17	
	9	CPX 09 MFB 38	BSP 3/8	71	23	
		CPX 09 MNB 38	NPT 3/8	70	23	
	12	CPX 12 MFB 12	BSP 1/2	90	30	
		CPX 12 MNB 12	NPT 1/2	90	30	
	16	CPX 16 MFB 34	BSP 3/4	105	38	
		CPX 16 MNB 34	NPT 3/4	102	38	

Cylindrical male thread plug / Nippel mit Aussengewinde zylindrisch		Size	 	Ød	L	L1	HEX
	3	CPX 03 MOB 18	BSP 1/8	39.5	8	13	
	6	CPX 06 MOB 14	BSP 1/4	54	10	17	
	9	CPX 09 MOB 38	BSP 3/8	66	11	23	
	12	CPX 12 MOB 12	BSP 1/2	85	14	30	
	16	CPX 16 MOB 34	BSP 3/4	100.5	15	38	
		CPX 16 MOB 10	BSP 1	106	20	41	

Cylindrical male thread plug extension / Verlängerungsnippel mit Aussengewinde zylindrisch		Size	 	Ød	L	L1	HEX
	3	CPX 03 MMB 1215-06	M12x1.5	40	10	13	
	6	CPX 06 MMB 1415-08	M14x1.5	52	10	17	
	6	CPX 06 MMB 1615-10	M16x1.5	53	11	17	
	9	CPX 09 MMB 1815-12	M18x1.5	65	11	23	
	12	CPX 12 MMB 2215-15	M22x1.5	81	12	30	
	16	CPX 16 MMB 3020-22	M30x20	98	14	38	

LINKING PRECISION WITH PERFORMANCE

QUICK COUPLING SOLUTIONS

baha-Tools GmbH

Holzheimer Straße 8 - 73037 Göppingen - Germany
Telefon: +49 7161 401617-0

E-Mail: info@flexq-connectors.com - www.flexq-connectors.com