

FLEXQ
CONNECTORS

CPX
Flat Face Push-Pull



LINKING PRECISION WITH PERFORMANCE

8 flow sizes

CPX, the proven coupling system for demanding applications.

Characteristics

- Non-spill flat face
- Stainless steel
- Optimized flow characteristics
- Ergonomic design
- Reliable and robust
- One handed-operation
- Option to install plug into a recessed pocket

Safe and quick locking

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

CPX
FLAT FACE PUSH PULL



SERIE CPX

HYDRALICS

PROFILE FF

Options

- Colour coding
- Brass free
- Special sleeve

R / B
BF
GH

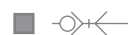
Applications

- Core pullers
- Injection and blow moulding



Materials

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



Temperature range

Nitril (NBR)	N	- 15 °C +100 °C
Fluorcarbon (FPM)	V	- 20 °C +160 °C (Water) - 20 °C +200 °C (Heating Oil)

Always make sure no medium flows before disconnecting

CPX 03 CPX 06 CPX 09 CPX 12 CPX 16



Flow Size

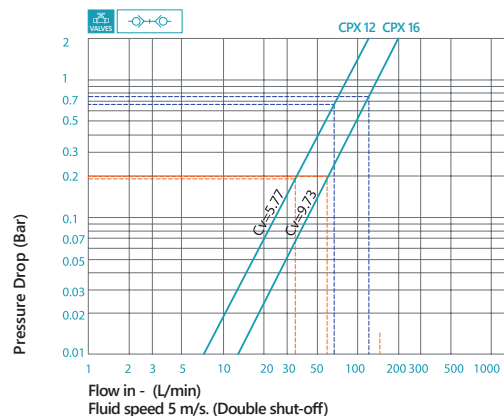
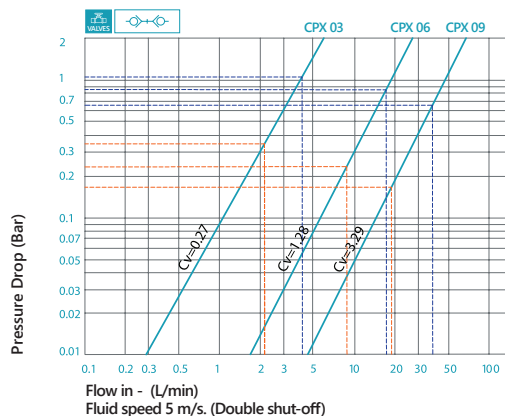
3 6 9 12 16



Pressure

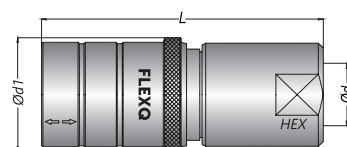
400 180 180 180 180

Serie CPX - Flow Rate vs Pressure Drop Graph



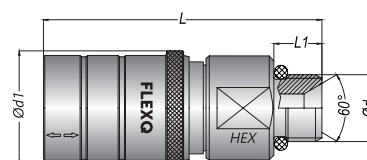
Size		Ød	Ød1	L	HEX
3	CPX 03 FFB 18	BSP 1/8	17	49	13
6	CPX 06 FFB 14	BSP 1/4	24	60	20
	CPX 06 FNB 14	NPT 1/4	24	60	20
	CPX 06 FFB 38	BSP 3/8	24	64	21
9	CPX 09 FFB 38	BSP 3/8	31	76	24
	CPX 09 FNB 38	NPT 3/8	31	76	24
12	CPX 12 FFB 12	BSP 1/2	48	103	27
	CPX 12 FNB 12	NPT 1/2	48	103	27
16	CPX 16 FFB 34	BSP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

Female thread socket



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

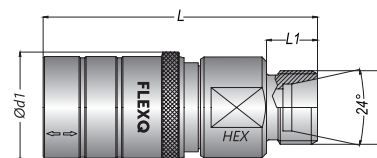
Cylindrical male thread socket with O-Ring



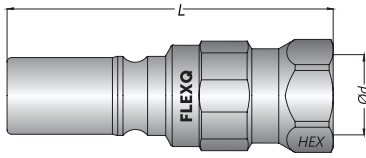
Cone 60°

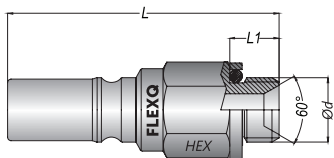
Size		Ød	Ød1	L	L1	HEX
6	CPX 06 FMB 1415-08	M14x1.5	24	61	10	20
6	CPX 06 FMB 1615-10	M16x1.5	24	61	11	20
9	CPX 09 FMB 1815-12	M18x1.5	36	79	11	24
12	CPX 12 FMB 2215-15	M22x1.5	44	108	12	27
16	CPX 16 FMB 3020-22	M30x2.0	53.5	136	14	41

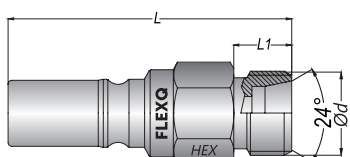
24° Innerconical male thread socket



Cone 24°

Female thread plug		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		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		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		M30x2.0	98	14	38

FLEXQ

■ MONOCOUPPLINGS FOR FLUIDS / SERIES CPX

