

HPF
ISO 16028 Flat-Face



LINKING PRECISION WITH PERFORMANCE

HPF, the standardized coupling system for demanding hydraulic applications

Characteristics

- Non-spill flat face
- Optimized flow characteristics
- One-hand connection
- Ergonomic design
- Wide flow size range
- Available in stainless steel
- ISO profile (16028)

Safe and quick locking

Depending on the size, the balls provide a reliable locking. The locking sleeve is ergonomically designed - thanks to this properties HPF series becomes a comfortable and safe coupling system and ensures safe locking and unlocking.

Disconnecting lock

The "disconnecting lock" prevents the coupling system from unintentionally disconnecting



HPF

ISO 16028 FLAT FACE

SERIE HPF

ISO 16028

PROFILE FLAT FACE

Options

- Colour coding
- Stainless steel

R / B
VA

Applications

- Test benches
- Injection moulding
- Cores

Materials

Body Socket	Steel zinc plated
Body Plug	Steel zinc plated
Sleeve	Steel zinc plated
Valve	Steel zinc plated
Spring	Stainless steel
Balls	Stainless steel
Seals	Nitrile (N)



Temperature range

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

Please note the operating instructions for hydraulic couplings

HPF 06 HPF 10 HPF 12 HPF 16 HPF 19 HPF 25



Flow Size

6 10 12 16 19 25



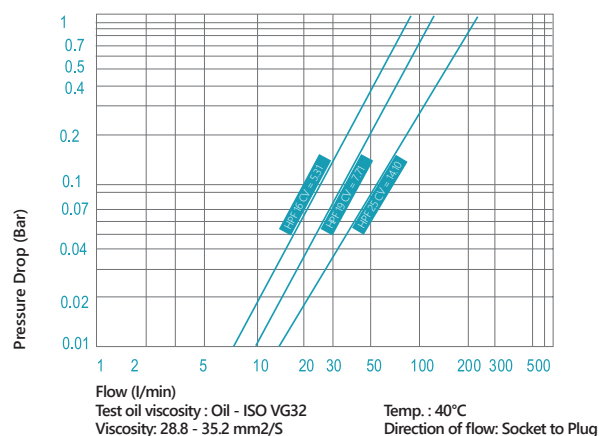
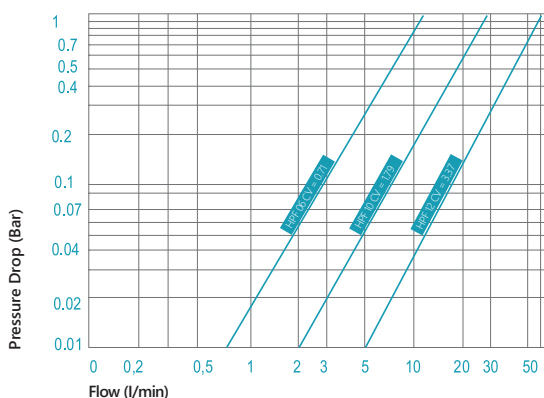
Pressure

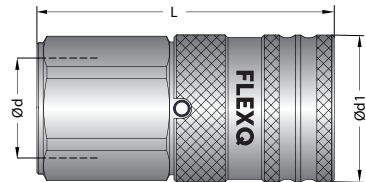
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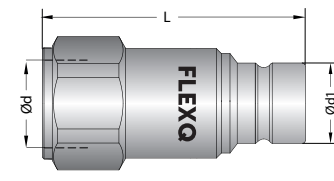


FLEXQ

Serie HPF - Flow Rate vs Pressure Drop Graph



Size		Ød	Ød1	L	HEX	Female thread socket
6	HPF 06 FFB 14	BSP 1/4	28	58	22	
	HPF 06 FNB 14	NPT 1/4	28	58	22	
10	HPF 10 FFB 38	BSP 3/8	32	66	27	
	HPF 10 FNB 38	NPT 3/8	32	66	27	
	HPF 10 FFB 12	BSP 1/2	32	70	27	
	HPF 10 FNB 12	NPT 1/2	32	70	27	
12	HPF 12 FFB 12	BSP 1/2	38	83	35	
	HPF 12 FNB 12	NPT 1/2	38	83	35	
16	HPF 16 FFB 34	BSP 3/4	42	85	36	
	HPF 16 FNB 34	NPT 3/4	42	85	36	
19	HPF 19 FFB 10	BSP 1	48	97	41	
	HPF 19 FNB 10	NPT 1	48	97	41	
25	HPF 25 FFB 10	BSP 1	55	112	55	
	HPF 25 FNB 10	NPT 1	55	112	55	

Size		Ød	Ød1	L	HEX	Female thread plug
6	HPF 06 MFB 14	BSP 1/4	16	52	22	
	HPF 06 MNB 14	NPT 1/4	16	52	22	
10	HPF 10 MFB 38	BSP 3/8	20	59	25	
	HPF 10 MNB 38	NPT 3/8	20	59	25	
	HPF 10 MFB 12	BSP 1/2	20	62	27	
	HPF 10 MNB 12	NPT 1/2	20	62	27	
12	HPF 12 MFB 12	BSP 1/2	24.5	74	32	
	HPF 12 MNB 12	NPT 1/2	24.5	71	32	
16	HPF 16 MFB 34	BSP 3/4	27	76	38	
	HPF 16 MNB 34	NPT 3/4	27	76	38	
19	HPF 19 MFB 10	BSP 1	30	82	46	
	HPF 19 MNB 10	NPT 1	30	85	46	
25	HPF 25 MFB 10	BSP 1	36	90	55	
	HPF 25 MNB 10	NPT 1	36	90	55	