

SPF
High Flow Flat-Face



LINKING PRECISION WITH PERFORMANCE

SPF, leak-free hydraulic couplings with residual pressure relief valve for demanding hydraulic applications

Characteristics / Eigenschaf-

- Non-spill flat face
- Optimized flow characteristics
- One-hand connection
- Low pressure drop

Safe and quick locking

Depending on the size, the balls provide a reliable locking. The locking sleeve is ergonomically designed - thanks to these properties SPF series become a comfortable and safe quick connecting and disconnecting coupling system.

Pressure relief valve

Reducing of the residual pressure by an integrated pressure relief valve on the socket or plug.



SPF

HIGH FLOW FLAT-FACE

SERIE SPF

HYDRAULIC

Options

- Colour coding
- pressure relief valve

R / B
P

Applications

- Testing units
- Injection moulding
- Cores

	Materials
Body Socket	Stainless steel
Body Plug	Hardened stainless steel
Sleeve	Hardened steel
Valve	Stainless steel
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

SPF 07 SPF 08 SPF 11 SPF 12



Flow Size

7 8 11 12

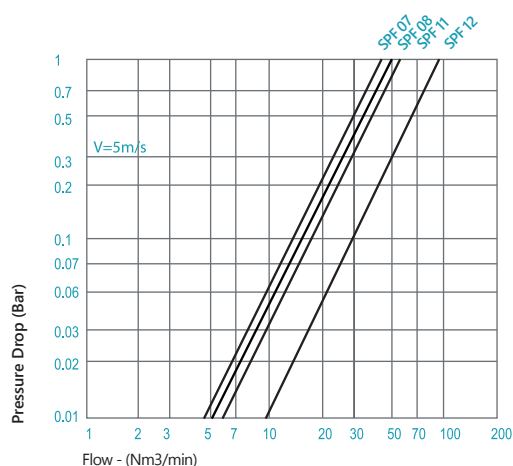


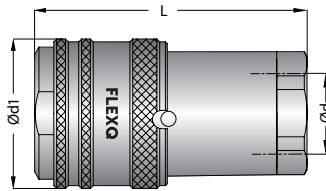
Pressure

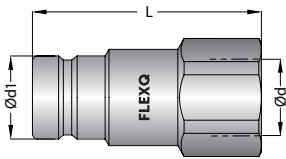
450 450 350 350



Please note the operating instructions for hydraulic couplings



Size		Ød	Ød1	L1	HEX	Female thread socket
7	SPF 07 FFB 38	BSP 3/8	31.5	58	25	
8	SPF 08 FFB 12	BSP 1/2	39	59.5	30	
11	SPF 11 FFB 12	BSP 1/2	39	72	30	
12	SPF 12 FFB 34	BSP 3/4	50	72	41	

Size		Ød	Ød1	L1	HEX	Female thread plug
7	SPF 07 MFB 38	BSP 3/8	18	50.3	22	
8	SPF 08 MFB 12	BSP 1/2	22.8	63	30	
11	SPF 11 MFB 12	BSP 1/2	22.8	63	30	
12	SPF 12 MFB 34	BSP 3/4	30.8	74	36	