

SXF
High Flow Flat-Face



LINKING PRECISION WITH PERFORMANCE

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

Characteristics

- 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 a integrated pressure relief valve on the socket or plug.

SXF

COOLING STANDARD



SERIE SXF

HYDRAULIC

Options

- Colour coding
- Pressure relief valve

R / B
P

Applications

- Testing units
- Injection moulding
- Cores

	Materials
Body Socket	Stainless steel
Body Plug	Stainless steel
Sleeve	Stainless steel
Valve	Stainless steel
Spring	Stainless steel
Balls	Stainless steel
Seals	Viton (V)

VALVES	
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max. °C	Temperature range	
Nitril (NBR)	N	- 15 °C +100 °C
Fluorcarbon (FPM)	V	-20 °C +200 °C

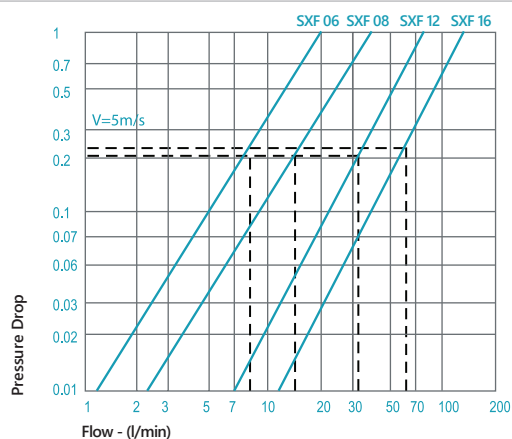
		SXF 06	SXF 08	SXF 12	SXF 16
mm	Flow Size	6	8	12	16
max. bar	Pressure	450	450	350	350



Always make sure that no medium is flowing before disconnecting

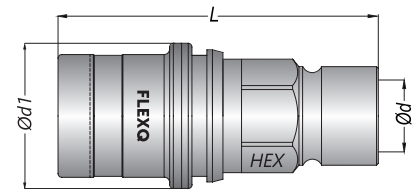
FLEXQ

Series SXF - Flow Rate & Pressure Drop Graph



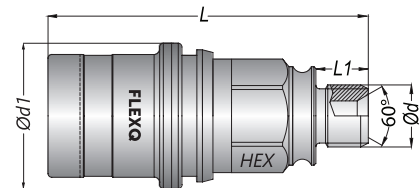
Size		Ød	Ød1	L	HEX
6	SXF 06 FFB 38	BSP 3/8	39	77	27
	SXF 06 FNB 38	NPT 3/8	39	75	27
8	SXF 08 FFB 12	BSP 1/2	47	90	32
	SXF 08 FNB 12	NPT 1/2	47	87	32
12	SXF 12 FFB 34	BSP 3/4	59	103	41
	SXF 12 FNB 34	NPT 3/4	59	99	41
16	SXF 16 FFB 34	BSP 3/4	69	117	50
	SXF 16 FNB 34	NPT 3/4	69	114	50

Cylindrical female thread socket



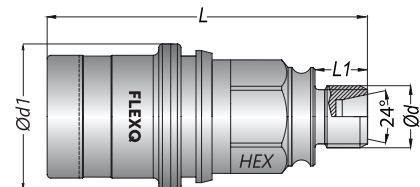
Size		Ød	Ød1	L	L1	HEX
6	SXF 06 FMB 38	BSP 3/8	39	66.5	12	27
8	SXF 08 FMB 12	BSP 1/2	47	75	14	32
12	SXF 12 FMB 34	BSP 3/4	59	90	16	41
16	SXF 16 FMB 34	BSP 3/4	69	105	16	50

Cylindrical male thread socket

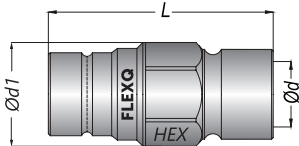


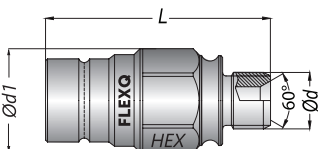
Size		Ød	Ød1	L	L1	HEX
6	SXF 06 FMB 1815-10	M18x1.5	39	65	12	27
8	SXF 08 FMB 2015-12	M20x1.5	47	75	12	32
8	SXF 08 FMB 2415-16	M24x1.5	47	75	14	32
12	SXF 12 FMB 2415-16	M24x1.5	59	89	14	41
12	SXF 12 FMB 3020-20	M30x2.0	59	89	16	41
16	SXF 16 FMB 3020-20	M30x2.0	69	105	16	50
16	SXF 16 FMB 3620-25	M36x2.0	69	105	18	50

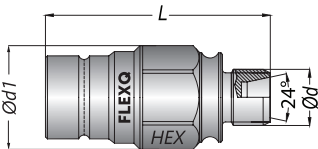
Male thread socket



Male thread for hydraulic pipes with 24° taper according to ISO 8434-1 (type: S)

Cylindrical female thread plug	Size		Ød	Ød1	L	HEX
	6	SXF 06 MFB 38	BSP 3/8	30.5	62	27
		SXF 06 MNB 38	NPT 3/8	30.5	62	27
	8	SXF 08 MFB 12	BSP 1/2	35.5	73	32
		SXF 08 MNB 12	NPT 1/2	35.5	70	32
	12	SXF 12 MFB 34	BSP 3/4	46	84	41
		SXF 12 MNB 34	NPT 3/4	46	80	41
	16	SXF 16 MFB 34	BSP 3/4	56.5	94	50
		SXF 16 MNB 34	NPT 3/4	56.5	91	50

Cylindrical male thread plug	Size		Ød	Ød1	L	L1	HEX
	6	SXF 06 MMB 38	BSP 3/8	30.5	50	12	27
	8	SXF 08 MMB 12	BSP 1/2	35.5	58	14	32
	12	SXF 12 MMB 34	BSP 3/4	46	71	16	41
	16	SXF 16 MMB 34	BSP 3/4	56.5	83	16	50

Male thread plug	Size		Ød	Ød1	L	L1	HEX
 Male thread for hydraulic pipes with 24° taper according to ISO 8434-1 (type: S)	6	SXF 06 MMB 1815-10	M18x1.5	30.5	50	12	27
	8	SXF 08 MMB 2015-12	M20x1.5	35.5	58	12	32
	8	SXF 08 MMB 2415-16	M24x1.5	35.5	58	14	32
	12	SXF 12 MMB 2415-16	M24x1.5	46	70	14	41
	12	SXF 12 MMB 3020-20	M30x2.0	46	70	16	41
	16	SXF 16 MMB 3020-20	M30x2.0	56.5	83	16	50
	16	SXF 16 MMB 3620-25	M36x2.0	56.5	83	18	50

 max. bar	Max. Residual pressure for connection under pressure (bar)			
	SXF 06	SXF 08	SXF 12	SXF 16
	150	150	150	150
	60	60	60	60

FLEXQ

■ MONOCOUPPLINGS FOR FLUIDS / SERIES SXF

