SKF HL / SKF HS

Screw coupling (fixed)

HANSA-FLEX

Properties

Application	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1	metric cylindrical outer thread
Sealing form 1	24° inner cone
Residual pressure:	Coupling under residual pressure is possible
Material	Steel
Surface	electro galvanised

Description

Screw couplings are designed for high pressures and pressure pulses.
It is recommended to combine only couplings same manufacturer.

Ordering information

Other pressure and temperature figures available on request.
It is recommended to combine only couplings same manufacturer.

Additional information

If fitted correctly, the screw sleeve completely covers the brake ring.
The self-locking thread prevents unwanted loosening due to vibrations.
The robust construction makes them ideal for use in harsh conditions.

Item

Identification	Size	DN*	Series	for external pipe Ø (mm)	Connecting thread	Coupling thread	Operating pressure (bar)	Mineral oil temp. min. (°C)	Mineral oil temp. max. (°C)	SF coup.*
SKF 04 HL 1	1	4	L	6	M 12x1,5	Rd. 24 x 2	315,0	-25	100	4
SKF 06 HL 1	1	6	L	8	M 14x1,5	Rd. 24 x 2	315,0	-30	100	4
SKF 06 HL 2	2	6	L	8	M 14x1,5	Rd. 28 x 2	315,0	-30	100	4
SKF 06 HL 3	3	6	L	8	M 14x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 08 HL 2	2	8	L	10	M 16x1,5	Rd. 28 x 2	325,0	-30	100	4
SKF 08 HL 3	3	8	L	10	M 16x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 10 HL 3	3	10	L	12	M 18x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 10 HL 4	4	10	L	12	M 18x1,5	Rd. 42 x 2	250,0	-30	100	4
SKF 13 HL 3	3	12	L	15	M 22x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 13 HL 4	4	12	L	15	M 22x1,5	Rd. 42 x 2	250,0	-30	100	4
SKF 16 HL 3	3	16	L	18	M 26x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 16 HL 4	4	16	L	18	M 26x1,5	Rd. 42 x 2	250,0	-30	100	4
SKF 16 HL 5	5	16	L	18	M 26x1,5	Rd. 48 x 3	250,0	-30	100	4
SKF 20 HL 5	5	19	L	22	M 30x2	Rd. 48 x 3	250,0	-30	100	4
SKF 25 HL 5	5	25	L	28	M 36x2	Rd. 48 x 3	250,0	-30	100	4
SKF 32 HL 5	5	31	L	35	M 45x2	Rd. 48 x 3	250,0	-30	100	4
SKF 32 HL 6	6	31	L	35	M 45x2	Rd. 70 x 3	160,0	-25	100	4
SKF 40 HL 6	6	38	L	42	M 52x2	Rd. 70 x 3	160,0	-25	100	4
SKF 04 HS 1	1	4	S	8	M 16x1,5	Rd. 24 x 2	400,0	-25	100	4
SKF 06 HS 1	1	6	S	10	M 18x1,5	Rd. 24 x 2	450,0	-25	100	4
SKF 06 HS 2	2	6	S	10	M 18x1,5	Rd. 28 x 2	325,0	-30	100	4
SKF 06 HS 3	3	6	S	10	M 18x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 08 HS 2	2	8	S	12	M 20x1,5	Rd. 28 x 2	325,0	-30	100	4
SKF 08 HS 3	3	8	S	12	M 20x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 10 HS 3	3	10	S	14	M 22x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 10 HS 4	4	10	S	14	M 22x1,5	Rd. 42 x 2	250,0	-30	100	4
SKF 13 HS 3	3	12	S	16	M 24x1,5	Rd. 36 x 2	300,0	-30	100	4
SKF 13 HS 4	4	12	S	16	M 24x1,5	Rd. 42 x 2	250,0	-30	100	4
SKF 16 HS 3	3	16	S	20	M 30x2	Rd. 36 x 2	300,0	-30	100	4
SKF 16 HS 4	4	16	S	20	M 30x2	Rd. 42 x 2	250,0	-30	100	4
SKF 16 HS 5	5	16	S	20	M 30x2	Rd. 48 x 3	250,0	-30	100	4
SKF 20 HS 5	5	19	S	25	M 36x2	Rd. 48 x 3	250,0	-30	100	4

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SKF 25 HS 5	5	25	S	30	M 42x2	Rd. 48 x 3	250,0	-30	100	4
SKF 25 HS 6	6	25	S	30	M 42x2	Rd. 70 x 3	250,0	-30	100	4
SKF 32 HS 6	6	31	S	38	M 52x2	Rd. 70 x 3	250,0	-30	100	4

DN = Nominal diameter, nominal width – SF gek. = Safety factor coupled

Accessories

SKF ZUBS AL	Cap
SKF ZUBS	Dust protection for SKF

Spare parts

SKF BREMSRING	Brake ring for screw coupling
SKF STUETZRING	Support ring for SKF
SKF ORING	O-ring for SKF

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