RKF HL / RKF HS

Pipe coupling (fixed)

HANSA-FLEX

Properties

Application	Automotive engineering
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

Pipe couplings are designed for high pressures and pressure pulses.

Ordering information

Other pressure and temperature figures available on request.

Additional information

Flat seal tappets ensure minimal oil leakages and air admittance when coupling.
The robust construction makes them ideal for use in harsh conditions with major pressure fluctuations.

Item

Identification	DN*	Series	for external pipe Ø (mm)	Connecting thread	Size	Coupling thread	Operating pressure (bar)	SF coup.*	Mineral oil temp. min. (°C)	Mineral oil temp. max. (°C)
RKF 06 HL 1	6	L	8	M 14x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 08 HL 1	8	L	10	M 16x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 10 HL 1	10	L	12	M 18x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 13 HL 1	12	L	15	M 22x1,5	1	Rd. 32 x 3	315,0	4,0	-25	85
RKF 13 HL 2	12	L	15	M 22x1,5	2	Rd. 36x3	300,0	4,0	-25	85
RKF 13 HL 3	12	L	15	M 22x1,5	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HL 2	16	L	18	M 26x1,5	2	Rd. 36x3	300,0	4,0	-25	100
RKF 16 HL 3	16	L	18	M 26x1,5	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HL 4	16	L	18	M 26x1,5	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 20 HL 4	19	L	22	M 30x2	4	Rd. 54 x 4	160,0	4,0	-25	85
RKF 20 HL 5	19	L	22	M 30x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 25 HL 4	25	L	28	M 36x2	4	Rd. 54 x 4	160,0	4,0	-25	85
RKF 25 HL 5	25	L	28	M 36x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 32 HL 6	31	L	35	M 45x2	6	Rd. 79 x 4	160,0	4,0	-25	85
RKF 06 HS 1	6	S	10	M 18x1,5	1	Rd. 32 x 3	400,0	4,0	-25	85
RKF 08 HS 1	8	S	12	M 20x1,5	1	Rd. 32 x 3	400,0	4,0	-25	85
RKF 10 HS 1	10	S	14	M 22x1,5	1	Rd. 32 x 3	400,0	4,0	-25	85
RKF 13 HS 2	12	S	16	M 24x1,5	2	Rd. 36x3	300,0	4,0	-25	85
RKF 13 HS 3	12	S	16	M 24x1,5	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HS 3	16	S	20	M 30x2	3	Rd. 48 x 3	300,0	3,5	-25	100
RKF 16 HS 4	16	S	20	M 30x2	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 20 HS 4	19	S	25	M 36x2	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 20 HS 5	19	S	25	M 36x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 25 HS 4	25	S	30	M 42x2	4	Rd. 54 x 4	300,0	3,5	-25	85
RKF 25 HS 5	25	S	30	M 42x2	5	Rd. 60 x 3	160,0	4,0	-40	100
RKF 32 HS 6	31	S	38	M 52x2	6	Rd. 79 x 4	420,0	2,5	-25	85

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

Accessories

RKF ZUB	Dust protection container

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.

Spare parts	
RKF STUETZRING	Support ring for pipe coupling
RKF ORING	O-ring

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