AKF HL / AKF HS

Breakaway 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
Mineral oil temp. min.	-40 °C
Mineral oil temp. max.	100 °C
Material	Steel coupling, steel housing, malleable cast iron above DN 12.
Surface	electro galvanised



Description

Quick release couplings uncouple automatically under excessive tensile load, preventing separation of the hose lines.

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.

Item

Identification	DN*	Series	for external pipe Ø (mm)	Connecting thread	Size	Coupling thread	Operating pressure (bar)	BD* uncoup. (bar)	SF coup.*
AKF 08 HL 1	8	L	10	M 16x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKF 10 HL 1	10	L	12	M 18x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKF 13 HL 3	12	L	15	M 22x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKF 16 HL 3	16	L	18	M 26x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKF 20 HL 5	19	L	22	M 30x2	5	Rd. 60 x 3	160,0	160	4,0
AKF 06 HS 1	6	S	10	M 18x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKF 08 HS 1	8	S	12	M 20x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKF 10 HS 1	10	S	14	M 22x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKF 13 HS 3	12	S	16	M 24x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKF 16 HS 3	16	S	20	M 30x2	3	Rd. 48 x 3	315,0	250	4,0
AKF 20 HS 5	19	S	25	M 36x2	5	Rd. 60 x 3	160,0	160	4,0
AKF 25 HS 5	25	S	30	M 42x2	5	Rd. 60 x 3	160,0	160	4,0

DN = Nominal diameter, nominal width – BD uncoup. = Operating pressure uncoupled – SF gek. = Safety factor coupled

Accessories

AKF ZUB GEHAEUSE	Dust protection housing

Spare parts

AKF ZUB HUELSE	Spring sleeve for breakaway coupling
AKF ZUB FEDER	Spring for breakaway coupling

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