AKL HL / AKL HS

Breakaway coupling (loose)

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
Properties	DN 19 + 25 with hand wheel
Mineral oil temp. min.	-40 °C
Mineral oil temp. max.	100 °C
Material	Steel
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.*
AKL 06 HL 1	6	L	8	M 14x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 08 HL 1	8	L	10	M 16x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 10 HL 1	10	L	12	M 18x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 13 HL 3	12	L	15	M 22x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKL 16 HL 3	16	L	18	M 26x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKL 08 HS 1	8	S	12	M 20x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 10 HS 1	10	S	14	M 22x1,5	1	Rd. 32 x 3	315,0	250	4,0
AKL 13 HS 3	12	S	16	M 24x1,5	3	Rd. 48 x 3	315,0	250	4,0
AKL 16 HS 3	16	S	20	M 30x2	3	Rd. 48 x 3	315,0	250	4,0
AKL 20 HS 5	19	S	25	M 36x2	5	Rd. 60 x 3	160,0	100	4,0
AKL 25 HS 5	25	S	30	M 42x2	5	Rd. 60 x 3	160,0	100	4,0

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

Accessories

AKL ZUB DOSE	Dust protection container

Spare parts

AKL ZUB BLINDSTUTZEN	Dummy sockets for breakaway coupling

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