HK HFR

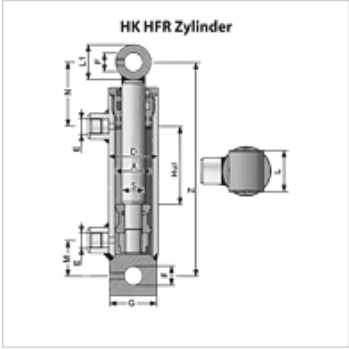
Standard double-acting cylinders with fastening

HANSA-FLEX

Properties

Design	with attachment elements
Operating pressure	max. 200 bar (acc. DIN EN 982)
Test pressure	max. 240 bar (acc. DIN EN 982)
Temp. range	Standard version -15 °C to +80 °C
Media	HLP fluids
Material	Piston rod: Steel 20MnV6, Chrome 25 µm ±/- 5 Piston rod: Resistance for 120 h in the NSS test according to ISO 3768 Piston rod guide: Steel 9SMn28 Oil filler neck: Steel 9SMn28 Polished cylinder barrel: ST 52.3 DIN 2393-ISO H9 Cylinder base: FE 510-A105 Nut: Steel 8UNI EN20898/2 Gasket TPM: NBR Piston: Steel 9SMn28 Gasket OR: NBR Fluorosil Viton Gasket TSE-TTS-TTI/L: NBR + fabric / polyurethane Gasket GHM-GHK: NBR / polyurethane





Note

HK HFR0 16 guide housing of aluminium
Piston speed based on standard seals: Max. 25m/min - 0.42m/sec.
Piston speed to the end positions: max. 6m/min - 0.10m/sec.
For these standard cylinders, it is recommended not to weld any fastenings to the cylinder liner (e.g. cardan mountings) as this could distort it.

Description

Our hydraulic cylinders and their components are designed for standard applications in industry and agriculture. They can be used only in some circumstances for applications in construction machinery. If this is your intention, please contact our technical personnel. The cylinders conform to the technical specifications in the catalogue or are designed to customers' specifications (approval drawing).
Please observe the stipulations of EN ISO 4413 “Safety requirements for fluid power systems and their components” as well as specifications and safety requirements based on statutory regulations when selecting, installing and operating the cylinders.

Item

Identification	Ø D (mm)	Ø A (mm)	Ø S (mm)	Stroke (mm)	Z (mm)	Ø E	M (mm)	N (mm)	L (mm)	L1 (mm)	Ø F (mm)	G (mm)	Weight (kg)
HK HFR 0 16 0050	35	25	16	50	160	1/4"	22	64	25	25	12,1	35	0,95
HK HFR 0 16 0100	35	25	16	100	210	1/4"	22	64	25	25	12,1	35	1,25
HK HFR 0 16 0150	35	25	16	150	260	1/4"	22	64	25	25	12,1	35	1,49
HK HFR 0 16 0200	35	25	16	200	310	1/4"	22	64	25	25	12,1	35	1,77
HK HFR 0 20 0050	42	32	20	50	205	1/4"	35	84	35	30	16,2	40	1,70
HK HFR 0 20 0100	42	32	20	100	255	1/4"	35	84	35	30	16,2	40	2,03
HK HFR 0 20 0150	42	32	20	150	305	1/4"	35	84	35	30	16,2	40	2,40
HK HFR 0 20 0200	42	32	20	200	355	1/4"	35	84	35	30	16,2	40	2,77
HK HFR 0 20 0250	42	32	20	250	405	1/4"	35	84	35	30	16,2	40	3,11
HK HFR 0 20 0300	42	32	20	300	455	1/4"	35	84	35	30	16,2	40	3,48
HK HFR 0 20 0400	42	32	20	400	555	1/4"	35	84	35	30	16,2	40	4,19
HK HFR 0 20 0500	42	32	20	500	655	1/4"	35	84	35	30	16,2	40	4,90

Ø A = piston diameter – Ø S = piston rod diameter

Accessories

HK GKG	Packing set HKGKG

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