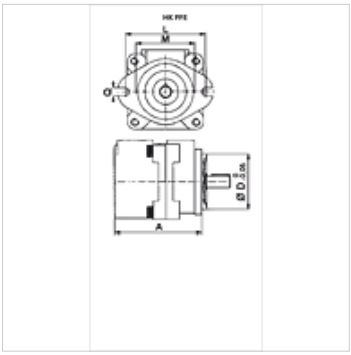
HK PFE
Vane pump

HANSA-FLEX

Properties

Design clockwise rotating





Note

Performance data at 1500 rpm with hydraulic oil with a viscosity of 24 mm2/s and 40 °C

Description

Constant displacement pumps with 12 vanes in rotor insert
Hydraulic axial backlash compensation for high-pressure operation
Low noise level

Item

Identification	VFU (cc)	Pres-sure max. (bar)	n min. (rpm)	n max. (rpm)	Qmax at 7 bar max. (L/min)	Qmax at 210 bar max. (L/min)	Ø shaft (mm)	A (mm)	SAE pressure connection	SAE suction connection	D (mm)	L (mm)	M (mm)	Q (mm)	Weight (kg)
HK PFE 31 016 1DT	16,5	210	800	2800	23	16	19,05	134,5	3/4"	1.1/4"	82,5	106	73,0	11,1	9,00
HK PFE 31 022 1DT	21,6	210	800	2800	30	23	19,05	134,5	3/4"	1.1/4"	82,5	106	73,0	11,1	9,00
HK PFE 31 028 1DT	28,0	210	800	2800	40	33	19,05	134,5	3/4"	1.1/4"	82,5	106	73,0	11,1	9,00
HK PFE 31 036 1DT	35,6	210	800	2800	51	43	19,05	134,5	3/4"	1.1/4"	82,5	106	73,0	11,1	9,00
HK PFE 41 045 1DT	45,0	210	800	2500	64	57	22,22	160,0	1"	1.1/2"	101,6	146	107,0	14,3	14,00
HK PFE 41 056 1DT	55,8	210	800	2500	80	72	22,22	160,0	1"	1.1/2"	101,6	146	107,0	14,3	14,00
HK PFE 41 070 1DT	69,9	210	800	2500	101	91	22,22	160,0	1"	1.1/2"	101,6	146	107,0	14,3	14,00
HK PFE 41 085 1DT	85,3	210	800	2000	124	114	22,22	189,0	1"	1.1/2"	101,6	146	107,0	14,3	14,00
HK PFE 51 150 1DT	150,0	210	800	1800	215	197	31,75	186,5	1.1/4"	2"	127,0	181	143,5	17,5	26,00
HK PFE 52 090 3DT	90,0	250	1000	2000	128	111	34,88	189,0	1.1/4"	2"	127,0	181	143,5	17,5	32,14
HK PFE 52 110 3DT	109,6	250	1000	2200	157	138	34,88	189,0	1.1/4"	2"	127,0	181	143,5	17,5	32,14
HK PFE 52 129 3DT	129,2	250	1000	2200	186	163	34,88	189,0	1.1/4"	2"	127,0	181	143,5	17,5	32,14

VFU = conveying volume per revolution – n = speed

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