

Pumpe | Baugruppe KF

Fördermenge 7,7 – 797,4 l/min

Produktinformation

- KRAL Schraubenspindelpumpe KF
- Flanschführung
- Gleitringdichtung Hartstoff
- Überströmventil
- Kupplung, Pumpenträger, Pumpenträgerfuß
- Drehstrommotor IE3, B5, IP55, ISO F/B
- Spannung:
 - Bis 2,2 kW: 230VD/400VY, 50 Hz; 460VY, 60 Hz
 - Ab 3,0 kW: 400VD/690VY, 50 Hz; 460VD, 60 Hz



Marine-Abnahme, optional

Schiffsabnahmegesellschaft: ABS, BV, CCS, DNV/GL, KR, LRS, RINA, RS (MRS)

Auf Anfrage: NK, RRR, IRS, Dual Class etc.

KF

Druck [bar]		Temperatur [°C]		Viskosität [mm ² /s]		Überströmventil [bar]	
2 – 10		150 – 50		12 – 380		11	
Art.-Nr.	Bau- größe	Fördermenge	Drehzahl	Motor- leistung	Fördermenge	Drehzahl	Motor- leistung
		[l/min bei 50 Hz]	[min ⁻¹ bei 50 Hz]	[kW bei 50 Hz]	[l/min bei 60 Hz]	[min ⁻¹ bei 60 Hz]	[kW bei 60 Hz]
KF- 5.BCA.100046	5	7,7 – 9,6	2800	0,55	9,7 – 11,6	3360	0,66
KF- 7.BCA.100047	7	12,4 – 15,0	2880	0,75	15,5 – 18,1	3455	0,90
KF- 10.BCA.100047	10	16,9 – 20	2880	0,75	21,0 – 24,1	3455	1,30
KF- 15.BCA.100048	15	26,2 – 29,9	2880	1,10	32,3 – 36,1	3455	1,30
KF- 20.BCA.100049	20	34,6 – 39,6	2895	1,50	42,7 – 47,6	3470	1,80
KF- 32.BCA.100050	32	57,0 – 62,7	2895	2,20	69,7 – 75,5	3470	2,60
KF- 42.BCA.100051	42	75,9 – 83,6	2895	3,00	92,9 – 100,5	3470	3,60
KF- 55.BCA.100052	55	105,0 – 114,8	2905	4,00	128,3 – 138,2	3485	4,80
KF- 74.BCA.100053	74	137,6 – 149,2	2930	5,50	167,9 – 179,6	3515	6,60
KF- 85.BCA.100053	85	154,0 – 166,0	2930	5,50	187,7 – 199,7	3515	6,60
KF- 105.BCA.100054	105	180,1 – 198,6	2930	7,50	220,6 – 239,1	3515	9,00
KF- 118.BCA.100054	118	220,4 – 236,5	2930	7,50	251,5 – 284,5	3515	9,00
KF- 160.BCA.100055	160	309,7 – 331,6	2945	11,00	376,6 – 398,5	3530	13,20
KF- 210.BCA.100056	210	410,20 – 435,2	2945	15,00	497,8 – 522,8	3530	18,00
KF- 235.BCA.100057	235	205,4 – 230,0	1460	7,50	252,4 – 277,6	1750	9,00
KF- 275.BCA.100057	275	246,5 – 276,8	1460	7,50	302,9 – 333,2	1750	9,00
KF- 370.BCA.100058	370	327,5 – 363,2	1465	11,00	401,0 – 436,7	1755	13,20
KF- 450.BCA.100058	450	386,0 – 439,7	1465	11,00	475,5 – 529,3	1755	13,20
KF- 550.BCA.100059	550	494,9 – 538,4	1465	15,00	603,5 – 647,0	1755	18,00
KF- 660.BCA.100060	660	605,4 – 663,8	1470	18,50	739,0 – 797,4	1760	22,00

Bautoleranzen nach VDMA 24284 - Toleranzgruppe II

Pump | Type KF

Delivery rate 7.7 – 797.4 l/min

Product information

- KRAL screw pump KF
- Flange design
- Mechanical seal hard face
- Overflow valve
- Coupling, pump bracket, pump bracket foot
- AC motor IE3, B5, IP55, ISO F/B
- Voltage:
 - To 2.2 kW: 230VD/400VY, 50 Hz; 460VY, 60Hz
 - From 3.0 kW: 400VD/690VY 50 Hz; 460VD, 60 Hz



Marine acceptance, optional

Ship classification: ABS, BV, CCS, DNV/GL, KR, LRS, RINA, RS (MRS)

On request: NK, RRR, IRS, Dual Class etc.

KF

Pressure [bar]		Temperature [°C]		Viscosity [mm ² /s]		Overflow valve [bar]	
2 – 10		150 – 50		12 – 380		11	
Art. No.	Size	Delivery rate	Rotation speed	Motor output	Delivery rate	Rotation speed	Motor output
		[l/min at 50 Hz]	[min ⁻¹ at 50 Hz]	[kW at 50 Hz]	[l/min at 60 Hz]	[min ⁻¹ at 60 Hz]	[kW at 60 Hz]
KF- 5.BCA.100046	5	7.7 – 9.6	2800	0.55	9.7 – 11.6	3360	0.66
KF- 7.BCA.100047	7	12.4 – 15.0	2880	0.75	15.5 – 18.1	3455	0.90
KF- 10.BCA.100047	10	16.9 – 20	2880	0.75	21.0 – 24.1	3455	1.30
KF- 15.BCA.100048	15	26.2 – 29.9	2880	1.10	32.3 – 36.1	3455	1.30
KF- 20.BCA.100049	20	34.6 – 39.6	2895	1.50	42.7 – 47.6	3470	1.80
KF- 32.BCA.100050	32	57.0 – 62.7	2895	2.20	69.7 – 75.5	3470	2.60
KF- 42.BCA.100051	42	75.9 – 83.6	2895	3.00	92.9 – 100.5	3470	3.60
KF- 55.BCA.100052	55	105.0 – 114.8	2905	4.00	128.3 – 138.2	3485	4.80
KF- 74.BCA.100053	74	137.6 – 149.2	2930	5.50	167.9 – 179.6	3515	6.60
KF- 85.BCA.100053	85	154.0 – 166.0	2930	5.50	187.7 – 199.7	3515	6.60
KF- 105.BCA.100054	105	180.1 – 198.6	2930	7.50	220.6 – 239.1	3515	9.00
KF- 118.BCA.100054	118	220.4 – 236.5	2930	7.50	251.5 – 284.5	3515	9.00
KF- 160.BCA.100055	160	309.7 – 331.6	2945	11.00	376.6 – 398.5	3530	13.20
KF- 210.BCA.100056	210	410.20 – 435.2	2945	15.00	497.8 – 522.8	3530	18.00
KF- 235.BCA.100057	235	205.4 – 230.0	1460	7.50	252.4 – 277.6	1750	9.00
KF- 275.BCA.100057	275	246.5 – 276.8	1460	7.50	302.9 – 333.2	1750	9.00
KF- 370.BCA.100058	370	327.5 – 363.2	1465	11.00	401.0 – 436.7	1755	13.20
KF- 450.BCA.100058	450	386.0 – 439.7	1465	11.00	475.5 – 529.3	1755	13.20
KF- 550.BCA.100059	550	494.9 – 538.4	1465	15.00	603.5 – 647.0	1755	18.00
KF- 660.BCA.100060	660	605.4 – 663.8	1470	18.50	739.0 – 797.4	1760	22.00

Fabrication tolerance acc. VDMA 24284 - tolerance class II