

# Doppelstation | Baugruppe DKC

Fördermenge 0,2 – 265,0 l/min

## Produktinformation

- KRAL Doppelstation DKC
- 2 KRAL Schraubenspindelpumpen KFT
- Überströmventil
- Gleitringdichtung Standard
- Kupplung, Pumpenträger
- 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
- Kompaktstationsblock ohne Druckhalteventil
- Einhebelumschaltung
- 2 Rückschlagventile
- 2 Schmutzfänger (MW 0,25 mm) mit Filterdeckelsicherung
- 2 Vakuummeter, absperrbar, glyzeringefüllt
- Manometer, absperrbar, glyzeringefüllt
- SAE Vorschweißgegenflansche, 3000 psi, saug- und druckseitig
- Ölwanne inkl. Ablassschraube



## Marine-Abnahme, optional

Schiffsabnahmegesellschaft:  
 ABS, BV, CCS, DNV/GL, KR, LRS, RINA, RS (MRS)  
 Auf Anfrage: NK, RRR, IRS, Dual Class etc.

Druck [bar]		Temperatur [°C]		Viskosität [mm <sup>2</sup> /s]		Überströmventil [bar]	
2 – 8		40 – 0		1,5 – 6		9	
Art.-Nr.	Bau- größe	Fördermenge	Drehzahl	Motor- leistung	Fördermenge	Drehzahl	Motor- leistung
		[l/min bei 50 Hz]	[min <sup>-1</sup> bei 50 Hz]	[kW bei 50 Hz]	[l/min bei 60 Hz]	[min <sup>-1</sup> bei 60 Hz]	[kW bei 60 Hz]
DKC- 240.AAAA.10001	5	0,2 – 2,2	1380	0,25	1,2 – 3,2	1656	0,30
DKC- 450.AAAA.10001	7	1,1 – 3,8	1380	0,25	2,6 – 5,2	1656	0,30
DKC- 500.AAAA.10001	10	2,3 – 5,4	1380	0,25	4,2 – 7,4	1656	0,30
DKC- 600.AAAA.10002	5	5,3–7,3	2800	0,37	7,4 – 9,3	3360	0,44
DKC- 800.AAAA.10003	15	5,8 – 9,6	1400	0,55	8,7 – 12,6	1680	0,66
DKC- 900.AAAA.10004	7	8,8 – 11,4	2800	0,55	11,8 – 14,4	3360	0,66
DKC- 1100.AAAA.10003	20	7,6 – 12,6	1400	0,55	11,5 – 16,5	1680	0,66
DKC- 1200.AAAA.10004	10	12,5 – 15,7	2800	0,55	16,5 – 19,7	3360	0,66
DKC- 1600.AAAA.10005	32	17,8 – 23,7	1445	1,10	24,1 – 30,0	1730	1,32
DKC- 1800.AAAA.10006	15	21,6 – 25,4	2880	1,10	27,7 – 31,5	3455	1,32
DKC- 2400.AAAA.10006	20	28,4 – 33,4	2880	1,10	36,5 – 41,5	3455	1,32
DKC- 2500.AAAA.10005	42	23,8 – 31,6	1445	1,10	32,2 – 40,0	1730	1,32
DKC- 3000.AAAA.10007	55	34,0 – 44,0	1445	1,50	45,5 – 55,5	1730	1,80
DKC- 3300.AAAA.10008	32	49,9 – 55,8	2895	2,20	62,7 – 68,5	3470	2,42
DKC- 4000.AAAA.10009	74	46,0 – 57,7	1435	2,20	60,8 – 72,5	1720	2,42
DKC- 4500.AAAA.10009	85	53,3 – 65,5	1435	2,20	69,8 – 81,9	1720	2,42
DKC- 5000.AAAA.10008	42	66,5 – 74,3	2895	2,20	82,5 – 91,3	3470	2,42
DKC- 5500.AAAA.10010	105	54,0 – 72,7	1435	3,00	73,7 – 92,5	1720	3,60
DKC- 6000.AAAA.10011	55	92,5 – 102,5	2895	3,00	115,7 – 125,7	3470	3,60
DKC- 6500.AAAA.10010	118	78,0 – 94,4	1435	3,00	101,4 – 117,8	1720	3,60
DKC- 8000.AAAA.10012	74	122,2 – 133,9	2905	4,00	152,3 – 164,0	3485	4,80
DKC- 9000.AAAA.10012	85	138,0 – 150,1	2905	4,00	171,4 – 183,5	3485	4,80
DKC-11000.AAAA.10013	105	157,5 – 176,3	2930	5,50	198,0 – 216,8	3515	6,60
DKC-13000.AAAA.10013	118	200,6 – 217,0	2930	5,50	248,6 – 265,0	3515	6,60

Bautoleranzen nach VDMA 24284 - Toleranzgruppe II

# Double Station | Type DKC

Delivery rate 0.2 – 265.0 l/min

## Product information

- KRAL double station DKC
- 2 KRAL screw pumps KFT
- Overflow valve
- Mechanical seal standard
- Coupling, pump bracket
- 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
- Compact station block without pressure maintaining valve
- Three-way valve
- 2 non-return valves
- 2 strainers (mesh width 0.25 mm) with strainer cover protection
- 2 vacuum meters, lockable, glycerin filled
- Manometer, lockable, glycerin filled
- SAE counter flanges with welding neck, 3000 psi, suction-side and pressure-side
- Oil pan incl. drain screw



## Marine acceptance, optional

Ship classification:  
 ABS, BV, CCS, DNV/GL, KR, LRS, RINA, RS (MRS)  
 On request: NK, RRR, IRS, Dual Class etc.

Pressure [bar]		Temperature [°C]		Viscosity [mm <sup>2</sup> /s]		Overflow valve [bar]	
2 – 8		40 – 0		1.5 – 6		9	
Art. No.	Size	Delivery rate	Rotation speed	Motor output	Delivery rate	Rotation speed	Motor output
		[l/min at 50 Hz]	[min <sup>-1</sup> at 50 Hz]	[kW at 50 Hz]	[l/min at 60 Hz]	[min <sup>-1</sup> at 60 Hz]	[kW at 60 Hz]
DKC- 240.AAAA.10001	5	0.2 – 2.2	1380	0.25	1.2 – 3.2	1656	0.30
DKC- 450.AAAA.10001	7	1.1 – 3.8	1380	0.25	2.6 – 5.2	1656	0.30
DKC- 500.AAAA.10001	10	2.3 – 5.4	1380	0.25	4.2 – 7.4	1656	0.30
DKC- 600.AAAA.10002	5	5.3–7.3	2800	0.37	7.4 – 9.3	3360	0.44
DKC- 800.AAAA.10003	15	5.8 – 9.6	1400	0.55	8.7 – 12.6	1680	0.66
DKC- 900.AAAA.10004	7	8.8 – 11.4	2800	0.55	11.8 – 14.4	3360	0.66
DKC- 1100.AAAA.10003	20	7.6 – 12.6	1400	0.55	11.5 – 16.5	1680	0.66
DKC- 1200.AAAA.10004	10	12.5 – 15.7	2800	0.55	16.5 – 19.7	3360	0.66
DKC- 1600.AAAA.10005	32	17.8 – 23.7	1445	1.10	24.1 – 30.0	1730	1.32
DKC- 1800.AAAA.10006	15	21.6 – 25.4	2880	1.10	27.7 – 31.5	3455	1.32
DKC- 2400.AAAA.10006	20	28.4 – 33.4	2880	1.10	36.5 – 41.5	3455	1.32
DKC- 2500.AAAA.10005	42	23.8 – 31.6	1445	1.10	32.2 – 40.0	1730	1.32
DKC- 3000.AAAA.10007	55	34.0 – 44.0	1445	1.50	45.5 – 55.5	1730	1.80
DKC- 3300.AAAA.10008	32	49.9 – 55.8	2895	2.20	62.7 – 68.5	3470	2.42
DKC- 4000.AAAA.10009	74	46.0 – 57.7	1435	2.20	60.8 – 72.5	1720	2.42
DKC- 4500.AAAA.10009	85	53.3 – 65.5	1435	2.20	69.8 – 81.9	1720	2.42
DKC- 5000.AAAA.10008	42	66.5 – 74.3	2895	2.20	82.5 – 91.3	3470	2.42
DKC- 5500.AAAA.10010	105	54.0 – 72.7	1435	3.00	73.7 – 92.5	1720	3.60
DKC- 6000.AAAA.10011	55	92.5 – 102.5	2895	3.00	115.7 – 125.7	3470	3.60
DKC- 6500.AAAA.10010	118	78.0 – 94.4	1435	3.00	101.4 – 117.8	1720	3.60
DKC- 8000.AAAA.10012	74	122.2 – 133.9	2905	4.00	152.3 – 164.0	3485	4.80
DKC- 9000.AAAA.10012	85	138.0 – 150.1	2905	4.00	171.4 – 183.5	3485	4.80
DKC-11000.AAAA.10013	105	157.5 – 176.3	2930	5.50	198.0 – 216.8	3515	6.60
DKC-13000.AAAA.10013	118	200.6 – 217.0	2930	5.50	248.6 – 265.0	3515	6.60

Fabrication tolerance acc. VDMA 24284 - tolerance class II