

Pumpe | Baugruppe KV

Fördermenge 651,2 – 3180,5 l/min

Produktinformation

- KRAL Schraubenspindelpumpe KV
- Vertikale Ausführung
- Gleitringdichtung Standard
- Überströmventil
- 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

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 [mm²/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 ⁻¹ bei 50 Hz] | [kW bei 50 Hz] | [l/min bei 60 Hz] | [min ⁻¹ bei 60 Hz] | [kW bei 60 Hz] |
| KV- 851.ABA.100016 | 851 | 651,2 – 710,5 | 1465 | 15,00 | 808,5 – 867,8 | 1755 | 18,00 |
| KV- 951.ABA.100017 | 951 | 682,3 – 810,2 | 1470 | 18,50 | 878 – 1005,8 | 1760 | 22,00 |
| KV-1101.ABA.100017 | 1101 | 957,5 – 1033,1 | 1470 | 18,50 | 1182,5 – 1258,2 | 1760 | 22,00 |
| KV-1301.ABA.100018 | 1301 | 1032,3 – 1153,7 | 1470 | 22,00 | 1293,9 – 1415,3 | 1760 | 26,00 |
| KV-1500.ABA.100019 | 1500 | 1162,6 – 1317,9 | 1475 | 30,00 | 1470,2 – 1625,5 | 1770 | 36,00 |
| KV-1700.ABA.100019 | 1700 | 1364,5 – 1544,3 | 1475 | 30,00 | 1724,4 – 1904,6 | 1770 | 36,00 |
| KV-2200.ABA.100020 | 2200 | 1859,4 – 2047,7 | 1485 | 37,00 | 2319,3 – 2507,6 | 1780 | 45,00 |
| KV-2500.ABA.100021 | 2500 | 2086,2 – 2297,5 | 1485 | 45,00 | 2319,3 – 2507,6 | 1780 | 54,00 |
| KV-2900.ABA.100022 | 2900 | 2358,3 – 2597,2 | 1485 | 55,00 | 3076,9 – 3180,5 | 1780 | 66,00 |

Bautoleranzen nach VDMA 24284 - Toleranzgruppe II

Pump | Type KV

Delivery rate 651.2 – 3180.5 l/min

Product information

- KRAL screw pump KV
- Vertical design
- Mechanical seal standard
- Overflow valve
- 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

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 ² /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 ⁻¹ at 50 Hz] | [kW at 50 Hz] | [l/min at 60 Hz] | [min ⁻¹ at 60 Hz] | [kW at 60 Hz] |
| KV- 851.ABA.100016 | 851 | 651.2 – 710.5 | 1465 | 15.00 | 808.5 – 867.8 | 1755 | 18.00 |
| KV- 951.ABA.100017 | 951 | 682.3 – 810.2 | 1470 | 18.50 | 878 – 1005.8 | 1760 | 22.00 |
| KV-1101.ABA.100017 | 1101 | 957.5 – 1033.1 | 1470 | 18.50 | 1182.5 – 1258.2 | 1760 | 22.00 |
| KV-1301.ABA.100018 | 1301 | 1032.3 – 1153.7 | 1470 | 22.00 | 1293.9 – 1415.3 | 1760 | 26.00 |
| KV-1500.ABA.100019 | 1500 | 1162.6 – 1317.9 | 1475 | 30.00 | 1470.2 – 1625.5 | 1770 | 36.00 |
| KV-1700.ABA.100019 | 1700 | 1364.5 – 1544.3 | 1475 | 30.00 | 1724.4 – 1904.6 | 1770 | 36.00 |
| KV-2200.ABA.100020 | 2200 | 1859.4 – 2047.7 | 1485 | 37.00 | 2319.3 – 2507.6 | 1780 | 45.00 |
| KV-2500.ABA.100021 | 2500 | 2086.2 – 2297.5 | 1485 | 45.00 | 2319.3 – 2507.6 | 1780 | 54.00 |
| KV-2900.ABA.100022 | 2900 | 2358.3 – 2597.2 | 1485 | 55.00 | 3076.9 – 3180.5 | 1780 | 66.00 |

Fabrication tolerance acc. VDMA 24284 - tolerance class II