

Product Survey Pump Unit VFD

Control: automatic, electric (Frequency converter)

Type	Technical Data									
	Power E-Motor	Max. Pressure (Pressure Relief Valve)	Max. Flow Pump	Working Speed Range	Frequency Range	Min. Flow at max. Working Pressure (250 bar)	Max. Flow at max. possible Pressure	Pressure/Power Limit Point max. Flow at max. Working Pressure 250 bar (50 Hz)	Tank Capacity	Dimensions (x>w>h)
	[kW]	[bar]	[cc/rev]	[rev/min]	[Hz]	[l/min]	[l/min] / [bar]	[l/min]	[l]	[mm]
VFD 3-2.1 Z/HP	3	280	2.1	300-4300	10-152	0.6	8.6 / 179	6.2	50	690x655x675
VFD 5.5-4.5 Z/HP	6	280	4.5	300-4000	10-137	1.3	17.1 / 165	11.3	50	690x655x730
VFD 7.5-6.4 Z/HP	8	280	6.4	300-4000	10-137	1.8	24.3 / 160	15.4	50	690x660x815
VFD 11-11.5 Z/HP	11	280	11.5	300-3600	10-123	3.2	39.1 / 144	22.6	50	700x650x880
VFD 15-14.1 Z/HP	15	275	14.1	300-3600	10-123	3.9	48.1 / 160	30.8	50	690x655x895
VFD 18.5-16.0 Z/HP	19	275	16.0	300-3200	10-108	4.5	48.2 / 197	38.0	50	700x690x915
VFD 22-17.9 Z/HP	22	275	17.9	300-3200	10-109	5.0	54.4 / 208	45.2	75	700x690x955
VFD 30-33.0 Z/HP	30	280	33.0	300-3000	10-102	9.2	93.6 / 164	61.6	100	800x855x1070
VFD 37-39.0 Z/HP	37	275	39.0	300-3000	10-102	10.9	110.7 / 172	76.0	100	800x855x1120
VFD 45-44.0 Z/HP	45	265	44.0	300-2800	10-95	12.3	117.1 / 197	92.4	100	860x830x1125
VFD 55-64.1 Z/HP	55	280	64.1	400-2600	13-89	21.8	160 / 188	120.0	250	955x920x1455
VFD 75-80.7 Z/HP	75	280	80.7	400-2400	13-82	27.4	186 / 215	160.0	250	1045x920x1600
VFD 90-101.3 Z/HP	90	270	101.3	400-2400	13-82	34.4	233 / 205	191.0	300	1245x970x1670
VFD 110-125.8 Z/HP	110	280	125.8	400-2200	13-75	42.8	266 / 220	234.0	350	2055x1580x1145
VFD 132-160.8 Z/HP	132	280	160.8	400-2200	13-75	54.7	340 / 208	282.0	500	2055x1580x1350
VFD 160-202.7 Z/HP	160	270	202.7	400-2200	13-75	68.9	428 / 200	342.0	500	2055x1580x1350

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Scope of Delivery

- Oil tank with cleaning cover
- Gear pump
- Electric motor IEC IE3 (3x400 V-50 Hz)
- VFD control block complete incl. pressure sensor
- Level and temperature indicator
- Level and temperature switch
- High and low pressure hose for ROTODIFF-connection (2'500 mm standard length)
- Coating in RAL

Options

- Oil water cooler standard or seawater resistant
- Oil-air cooler incl. temperature regulator
- Frequency converter
- External fan unit for electric motor
- Therm. water controll valve cpl.
- Filter blockage indicator electrical
- Terminal box, wired
- Flow meter

All pump units are also available in ATEX version