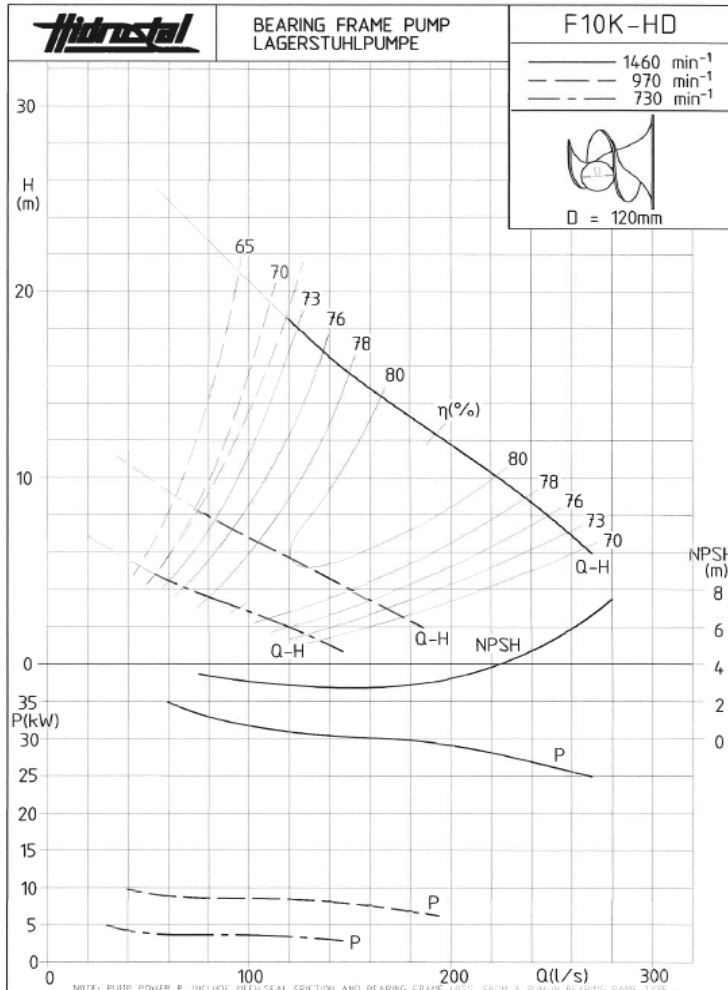


## F10K



### Constructions

Nozzles	Size DN [mm]	Rating PN [bar]	Position	Facing	Hydraulic Type	F10K
Suction	250	10	Bottom	RF	Regulable	no
Discharge	250	10	Side	RF	Impeller	HD
					Free Passage [mm]	120
					Mounting	vertical

### Motor

Manufacturer	Hidrostat	Winding Protection	Bi-Metal Switch THERMIK
Type	FE030X4 - immersible	Starting Method	Y / Δ
Nominal Rating P <sub>N</sub> [kW]	37	Cable Length [m]	30
Voltage [V]	380-420	Cable Details	2 4x6mm <sup>2</sup> , 4x1,5mm <sup>2</sup> PURWIL
Frequency [Hz]	50	EMV-Cable	no
Speed [rpm]	1485	Ex-Proof	II2G EEx d IIB T4, ITS 05 ATEX 14188
Nominal Current [A]	71	Enclosure	IP 68
Starting Current I <sub>A</sub> / I <sub>N</sub>	4.5	Insulation	F
Cos φ	0.89	Fly Wheel	no
		Oil volume [l]	22.00

### Materials

Casing	Cast Iron 0.6025	Shaft	Stainless Steel ~ DIN 1.4021
Impeller	Graphite Cast Iron 0.7060	Seal motorside	50.8000 mm / F-Type - Antimony-Carbon / Silicon-Carbide
Liner	Cast Iron 0.6025	Seal pumpside	50.8000 mm / M-Type - Silicon-Carbide / Tungsten-Carbide
Back Cover	Cast Iron 0.6020	O-Ring	Nitrile

### Miscellaneous

Pump Weight Net [kg]	not reported	Painting	Standard Painting
Hydraulic Weight [kg]	248kg	Coat thickness [µm]	150µm, Standard RAL 5010

