

Type: Submersible mixer
 Application: Prevent the accumulation of solids and floating crusts.

Mixer

Effective area up to Ø12m
 Impeller diameter 125
 Electrical power in clean water 5.8 kW
 Weight 85 kg

Motor

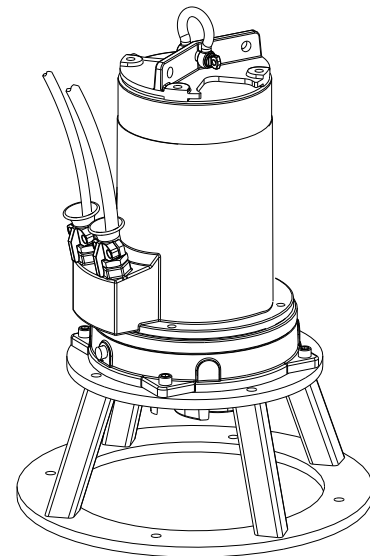
Mains: 50Hz – 3 phase
 Rated shaft power (P2) 5.0 kW
 Absorbed electrical power (P1) 6.3 kW
 Nominal speed 1420 rpm
 Motor efficiency 79 %
 Power factor (cos phi) 0.82
 Degree of protection IP 68
 Isolation class F (155°C)
 Max. water temperature 40°C
 Standard cable length 10 m

Materials

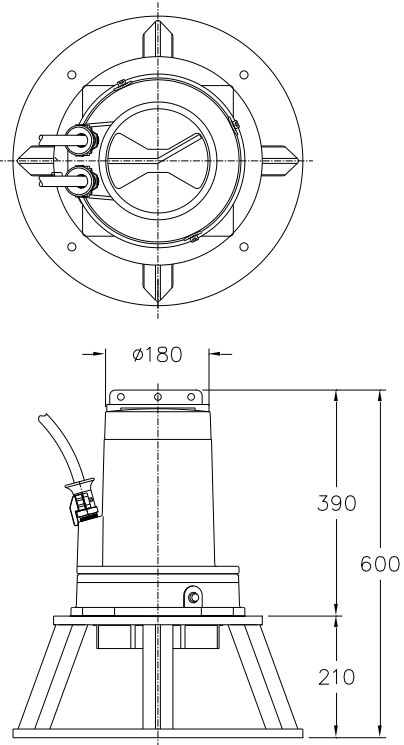
Impeller AISI 329
 Motor unit parts AISI 329
 Pump shaft AISI 316
 Pump support AISI 316
 Bolts AISI 316
 Rubber parts Viton (FPM)
 Electrical cable Neoprene (CR)
 Seal lubrication Oil
 Seal pump side Silicon carbide – silicon carbide-Viton
 Seal motor side Carbon - ceramic

Optional

- Flameproof version, to class:
 Standard: II 2 G Ex b c d IIB T4 Gb
 With Frequency control: II 2 G Ex b c d IIB T3 Gb
- Thermoswitches in motor windings
 (standard for flameproof version)
- Cable protection sheet (AISI316)
- Water detector in motor and oil chamber
 Flameproof version with external cable



Dimensions mm



Connections

voltage	current	electrical cable size		motor protection and/or water detector		flameproof version	
		directe start	ster-driehoek start	directe start	ster-driehoek start	directe start	ster-driehoek start
230	19.5	4G2.5	7G1.5	7G2.5	12G1.5	7G2.5	12G1.5
400	11.2	4G2.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
500	9.0	4G2.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
starting current DOL start : 5.0 x rated current							
starting current YD start : 1.7 x rated current						* other voltages on request	