

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

Mixer

Effective area up to 2m
 Impeller diameter 125mm
 Electrical power in clean water 0.8 kW
 Weight 38 kg

Motor

Mains: 50Hz – 3 phase
 Rated shaft power (P2) 0.65 kW
 Absorbed electrical power (P1) 0.94 kW
 Nominal speed 1340 rpm
 Motor efficiency 69 %
 Power factor (cos phi) 0.79
 Degree of protection IP 68
 Isolation class F (155°C)
 Max. water temperature 40°C
 Standard cable length 10 m



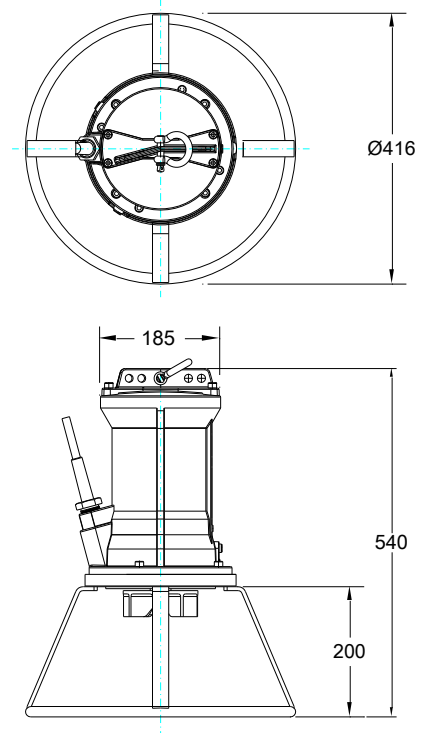
Materials

Impeller S.g cast iron GGG 40 (EN-GJS-400-15)
 Motor unit parts Cast iron GG 25 (EN-GJL-250)
 Pump shaft AISI 431 (X20 CrNi 17 2)
 Alt: AISI 316 (X5 CrNiMo 17 12 2)
 Pump support Fe 37
 Alt: RVS 316 (X5 CrNiMo 17 12 2)
 Bolts AISI 316 (X5 CrNiMo 17 12 2)
 Rubber parts Nitrile (NBR) or neoprene (CR)
 Alt: viton (FPM)
 Electrical cable Neoprene (CR)
 Seal lubrication Oil
 Seal pump side Silicon carbide – silicon carbide
 Seal motor side Carbon - ceramic
 Coating Two component polyurethane

Optional

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

Dimensions mm



Connections

		electrical cable size			
voltage	current			motor protection and/or water detector	flameproof version
[V]*	[A]	direct start		direct start	direct start
230	3.0	4G1.5		7G1.5	7G1.5
400	1.7	4G1.5		7G1.5	7G1.5
500	1.4	4G1.5		7G1.5	7G1.5
starting current DOL start : 3.7 x rated current					
					* other voltages on request