

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

## Mixer

Effective area up to 8m  
 Impeller diameter 125mm  
 Electrical power in clean water 2.5 kW  
 Weight 44 kg

## Motor

Mains: 50Hz – 3 phase  
 Rated shaft power (P2) 2.2 kW  
 Absorbed electrical power (P1) 3.1 kW  
 Nominal speed 1375 rpm  
 Motor efficiency 71 %  
 Power factor (cos phi) 0.89  
 Degree of protection IP 68  
 Isolation class F (155°C)  
 Max. water temperature 40°C  
 Standard cable length 10 m

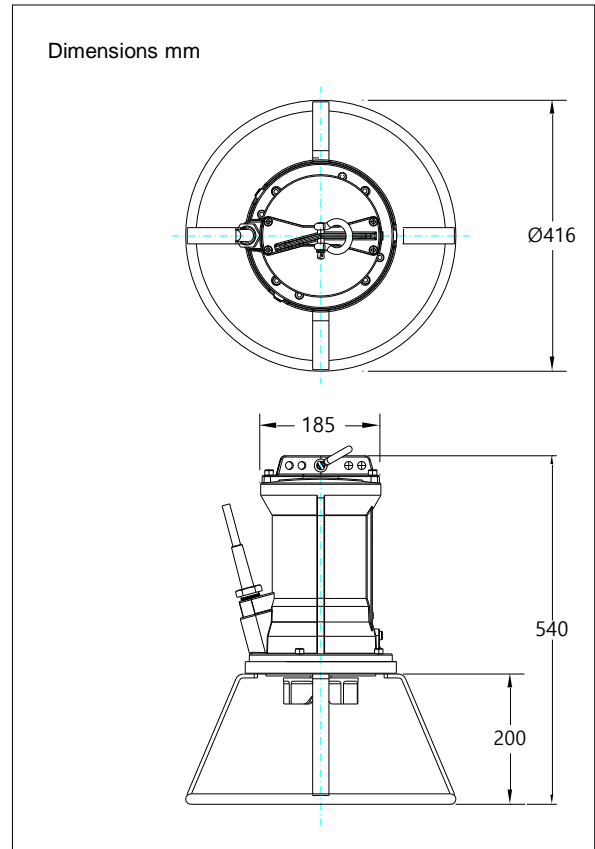


## Materials

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 and oil chamber  
 Flameproof version with external cable



## Connections

voltage	current	electrical cable size		motor protection and/or water detector		flameproof version	
		direct start	star-delta start	direct start	star-delta start	direct start	star-delta start
[V]*	[A]						
230	8.7	4G1.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
400	5.0	4G1.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
500	4.0	4G1.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
starting current DOL start : 3.4 x rated current							
starting current YD start : 1.1 x rated current						* other voltages on request	