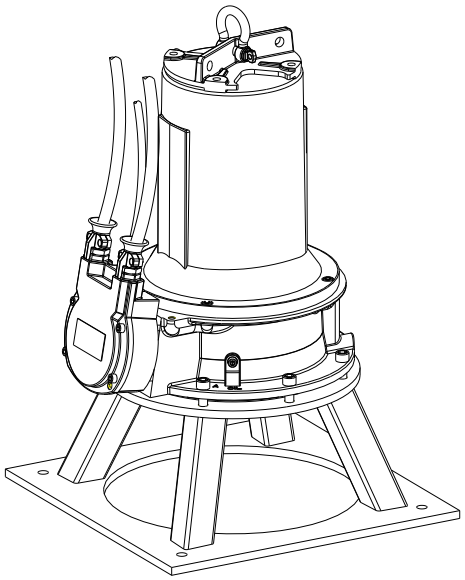
DWM62LF (RM60LF)

Landustrie
Distributed in the UK & Ireland by PD Pumps

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



Mixer

Effective area	up to 20m
Impeller diameter	202
Electrical power in clean water	24 kW
Weight	200 kg

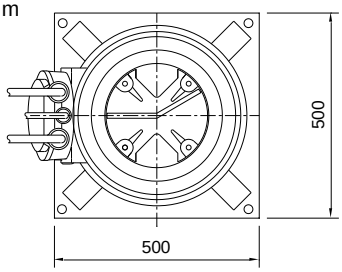
Motor

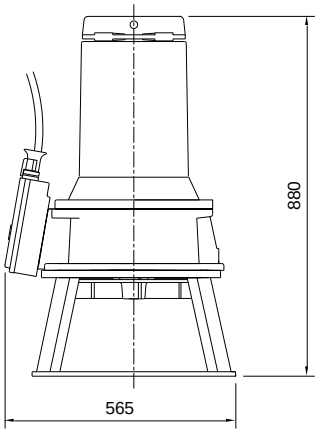
Mains:	50Hz – 3 phase
Rated shaft power (P2)	22 kW
Absorbed electrical power (P1)	26.2 kW
Nominal speed	1430 rpm
Motor efficiency	84 %
Power factor (cos phi)	0.82
Degree of protection	IP 68
Isolation class	F (155°C)
Max. water temperature	40°C
Standard cable length	10 m

Materials

Impeller	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

Dimensions mm





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
- Cable protection sheet (AISI316)
- Water detector in motor and oil chamber
  Flameproof version with external cable

Connections

		electrical cable size					
voltage	current	motor protection and/ or water detector		flameproof version			
[V]*	[A]	directe start	ster-driehoek start	directe start	ster-driehoek start		
230	80.2	-	2x4G10 + 4G2.5	-	2x4G10 + 4G2.5		
400	46.1	4G10 + 4G2.5	2x4G6 + 4G2.5	4G10 + 4G2.5	2x4G6 + 4G2.5		
500	36.9	4G6 + 4G2.5	2x4G6 + 4G2.5	4G6 + 4G2.5	2x4G6 + 4G2.5		
starting current DOL start : 5.7 x rated current							
starting current YD start : 1.9 x rated current						* other voltages on request	

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