

Pump type: Submersible Duplex Pump

Application: Waste water, Seawater

Pump data

Solids passage 65 mm
 Discharge/ Suction diameter 65 mm/ 65 mm
 Impeller type: Vortex
 Impeller diameter 110 - 95 mm
 Recommended min. flow 2 l/sec (8 m3/h)
 Weight 44 kg

Motor

Mains: 50 c/s – 3 phase
 Rated shaft power 1.5 kW
 Rated electrical power 2.1 kW
 Nominal speed 2790 rpm
 Motor efficiency 71 %
 Power factor (cos phi) 0.91
 Degree of protection IP 68
 Isolation class F (155°C)
 Max. water temperature 40°C
 Standard cable length 10 m

Materials

Pump casing AISI 329
 Impeller AISI 329
 Motor unit AISI 329
 Shaft AISI 316
 Bolts AISI 316
 Elastomers Viton (FPM)
 Electrical cable Neoprene (CR)
 Seal lubrication Oil
 Seal pump side Silicon carbide – Silicon carbide - Viton
 Seal motor side Carbon – Ceramic

Installation options

Guide bar coupling OWK 080



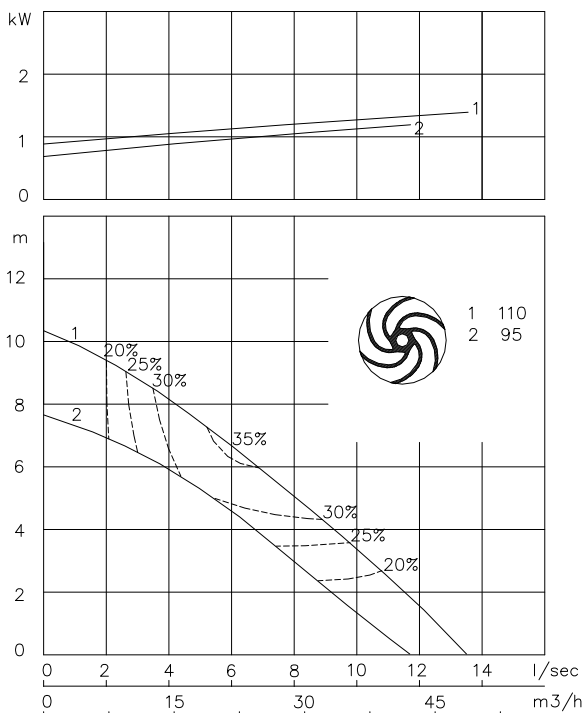
Freestanding Including support (VRS) 75 mm hose connection or G 3" threaded connection



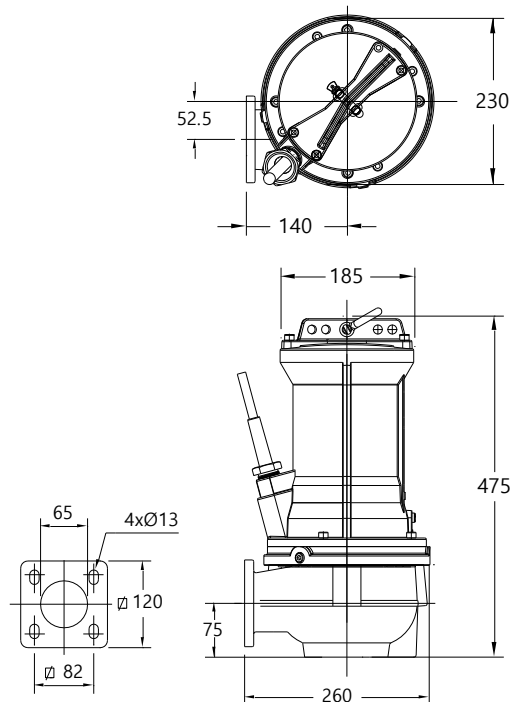
Optional

- 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 stator windings (standard for flame proof version)
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber
 Flameproof version with external cable

P2 ISO 9906 grade 2



dimensions in mm



Connections

		Electrical cable size [mm2]		motor protection and/or water detector		flameproof version	
voltage	current						
[V]*	[A]	direct start		direct start		direct start	
230	5.8	4G1.5		7G1.5		7G1.5	
400	3.3	4G1.5		7G1.5		7G1.5	
500	2.7	4G1.5		7G1.5		7G1.5	
starting current DOL start : 4.8 x rated current							
						* other voltages on request	