

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	138 - 110 mm
Recommended min. flow	2 l/sec (8 m3/h)
Weight	45 kg

Motor

Mains:	50 c/s – 3 phase
Rated shaft power	2.6 kW
Rated electrical power	3.5 kW
Nominal speed	2800 rpm
Motor efficiency	74 %
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	Alt: 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



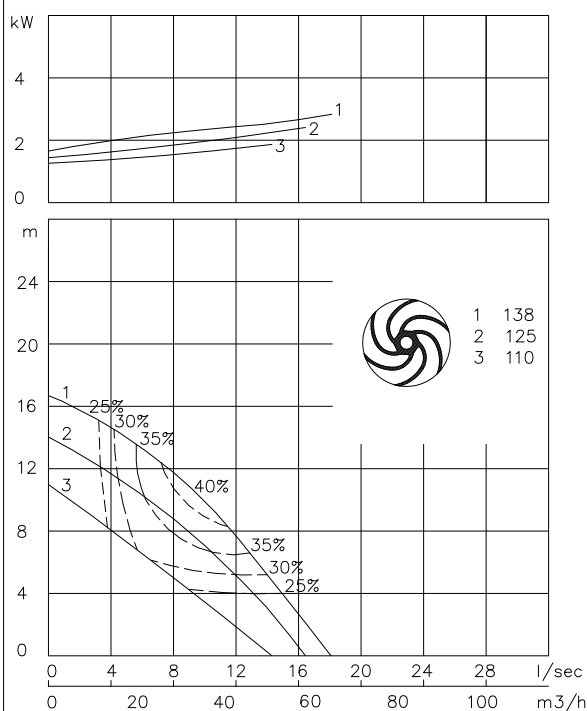
Freestanding 75 mm hose connection or
Including support (VRS) G 3" threaded connection



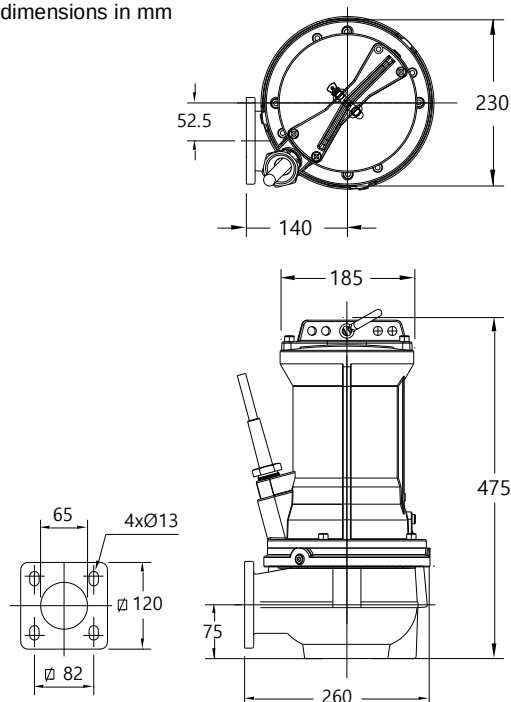
Optional

- 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 [mm ²]		motor protection and/or water detector		flameproof version	
voltage	current	direct start	stardelta start	direct start	stardelta start	direct start	stardelta start
[V]*	[A]						
230	9.7	4G1.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
400	5.6	4G1.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
500	4.5	4G1.5	7G1.5	7G1.5	12G1.5	7G1.5	12G1.5
starting current DOL start : 4.6 x rated current							
starting current YD start : 1.5 x rated current						* other voltages on request	