

Pump type: Submersible pump
 Application: Waste water, sewage

Pump data

Solids passage 110x160 mm
 Discharge/ Suction NW250/ NW300, PN10
 Impeller type: Closed double screw impeller
 Impeller diameter 390 - 300 mm
 Recommended min. flow 37 l/sec (132 m3/h)
 Weight 1100 kg




Motor

Mains: 50 Hz – 3 phase
 Rated shaft power 26.0 kW
 Rated electrical power 31.7 kW
 Nominal speed 750 rpm
 Motor efficiency 82 %
 Power factor (cos phi) 0.84
 Degree of protection IP 68
 Isolation class F (155°C)
 Standard with thermo-switches 125°C
 Max. water temperature 40°C
 Standard cable length 10 m

Materials

Pump casing Cast iron GG 25 (EN-GJL-250)
 Impeller S.g cast iron GGG 40 (EN-GJS-400-15)
 Motor unit Cast iron GG 25 (EN-GJL-250)
 Shaft AISI 431
 Bolts Alt: AISI 316
 AISI 316
 Elastomers Nitrile (NBR) of neoprene (CR)
 Alt: viton (FPM)
 Electrical cable Neoprene (CR)
 Seal lubrication Oil
 Seal pump side Silicon carbide – silicon carbide
 Seal motor side Carbon – silicon carbide
 Coating Two components polyurethane

Installation options

Guide bar coupling OWK 250-N 
 Freestanding NW250 mm elbow 
 Including support (VRS)
 Dry Installation vertical or horizontal install. 
 Including cooling system discharge flange NW250
 (ODO) suction flange NW300

Optional

- Version with cooling system
- Water detector in motor and oil chamber

Connections

voltage [V]*	current [A]	Electrical cable size [mm2]	
		motor protection and/or water detector direct start	star-delta start
-	-	-	-
400	55	1x4G16 + 4G2.5	2x4G6 + 4G2.5
500	44	1x4G10 + 4G2.5	2x4G4 + 4G2.5
starting current DOL start : 4.2 x rated current			
starting current YD start : 1.4 x rated current			
			* other voltages on request

