

Pump type: Submersible pump
Application: Waste water, sewage

Pump data

Solids passage 110 mm
Discharge/ Suction NW150/ NW200, PN16
Impeller type: Closed screw impeller
Impeller diameter 300 - 210 mm
Recommended min. flow 13 l/sec (47 m3/h)
Weight 335 kg

Motor

Mains: 50 Hz – 3 phase
Rated shaft power 22.0 kW
Rated electrical power 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)
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
Elastomers AISI 316
Nitrile (NBR) of neoprene (CR)
Alt: viton (FPM)
Neoprene (CR)
Oil
Electrical cable Silicon carbide – silicon carbide
Seal lubrication Carbon - Ceramic
Seal pump side Two components polyurethane
Seal motor side
Coating

Installation options

Guide bar coupling OWK 150-N
Freestanding 150 mm hose connection
Including support (VRS)
Dry Installation vertical or horizontal install.
Including cooling system discharge flange NW150
(ODO) suction flange NW200



Optional

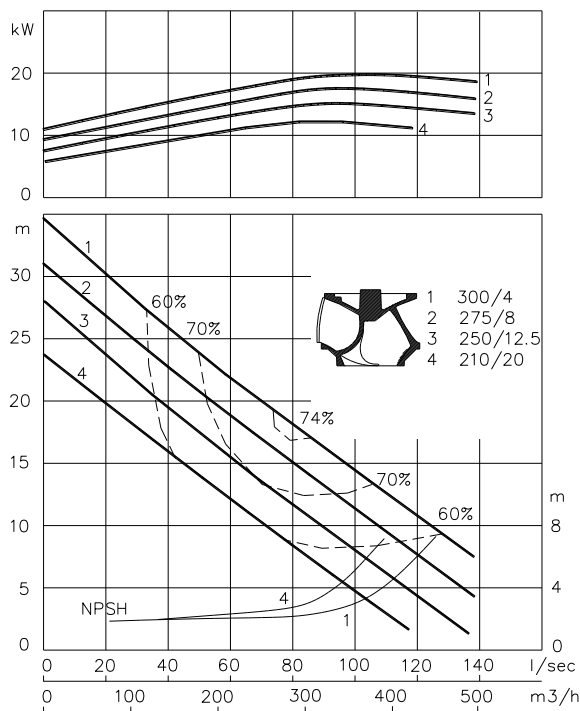
- Version with cooling system
- Water detector in motor and oil chamber

Connections

		Electrical cable size [mm2]				
voltage	current	motor protection and/or water detector				
[V]*	[A]	direct start	star-delta start			
230	80.2	-	2x4G10 + 4G2.5			
400	46.1	1x4G10 + 4G2.5	2x4G6 + 4G2.5			
500	36.9	1x4G10 + 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

P2

ISO 9906 grade 2



dimensions in mm

