

DATA SHEET FOR SUBMERSIBLE CENTRIFUGAL PUMPS

Description	Value
General information:	
Product name:	submersible sewage pump
Site:	
Product No:	WQ250-600-25

Technical:

Flow:	510m ³ /hr
Head:	27.5m
Main power supply:	380v,50hz,3phase
Type of impeller:	Closed
Impellor stages:	single
shaft seal:	Mechanical seal
Curve tolerance:	ISO9906:2012 3B
Cooling Type:	OIL COOLING

Main Materials:

Pump housing:	Cast iron
Impeller:	Cast iron
shaft:	2Cr13
Bearing	alloy
Motor:	Cast iron

Installation:

Location:	Outdoor
Flange standard:	GB
Pump inlet:	FILTER
Discharge diameter:	DN 250mm
Pressure stage:	PN 10
Maximum submerged depth:	50m
Inst dry/wet:	SUBMERGED
Installation:	VERTICAL

Liquid:

Pumped liquid:	sludge water
Maximum liquid temperature:	40℃
Liquid temp:	38℃
Relative density:	1.157
viscosity:	3-6pas
corrosive:	no
Solid content:	≤30%
Maximum solid size	50mm

Electrical data:

Number of poles:	4
Rated power :	75kW
Mains frequency:	50 Hz
Rated voltage:	380 V
Rated speed:	1450rpm
Insulation class	F
IP class:	IP68
Voltage tolerance:	±10/-10%
Start. method:	soft start
Max starts per. hour:	20
Rated current:	154.1A
Cos phi - power factor:	0.86
Cos phi - p.f. at 3/4 load:	0.7
Cos phi - p.f. at 1/2 load:	0.59

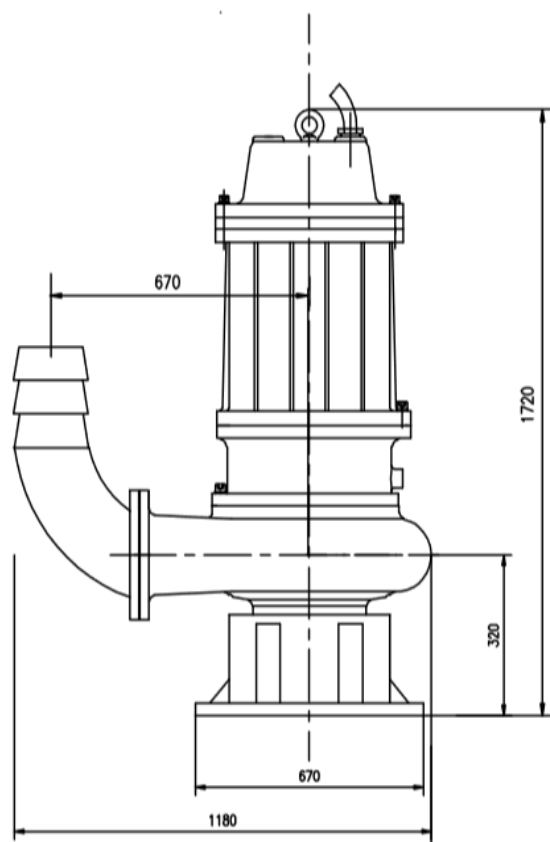
Company name: ZHENGZHOU SHENLONG PUMP CO., LTD

Created by: Linda

Phone:

Date: 02/04/2019

Description	Value
Motor efficiency at full load:	86.50%
Motor efficiency at 3/4 load:	69.00%
Motor efficiency at 1/2 load:	60.00%



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Created by:

Phone:

Date: 02/04/2019

