



30+ years
pump manufacturer

Company name: ZHENGZHOU SHENLONG PUMP CO., LTD

Created by:

Phone:

Date: 17/04/2018

DATA SHEET FOR SUBMERSIBLE CENTRIFUGAL PUMPS

Type: WQX600-45

2018.4.17

DATA SHEET FOR SUBMERSIBLE CENTRIFUGAL PUMPS

Description	Value
General information:	
Product name:	submersible water pump
Site:	
Product No:	WQX600-45

Technical:	
Rated flow:	600m ³ /hr
Rated head:	45m
Main power supply:	400v,50hz,3phase
Type of impeller:	CLOSED
Impellor stages:	1
shaft seal:	Machnical seal
Curve tolerance:	ISO9906:2012 3B
Cooling Type:	Oil FILLED
Pump efficiency:	76%

Main Materials:	
Pump housing:	SS304
Impeller:	SS304
shaft:	45# steel
Bearing:	SS304
Motor:	Cast iron

Installation:	
Location:	Outdoor
Flange standard:	GB
Pump inlet:	FILTER
Discharge diameter:	DN250mm
Pressure stage:	PN 10
Maximum submerged depth:	20 m
Inst dry/wet:	SUBMERGED
Installation:	Vertically

Liquid:	
Pumped liquid:	clean river water
Maximum liquid temperature:	40°C
Liquid temp:	38°C
Relative density:	1.025
viscosity:	0.861
corrosive:	yes
Sand content:	≤150g/m ³
Max allowed particle size	25mm

Electrical data:	
Number of poles:	2
Rated power :	120 kW
Mains frequency:	50 Hz
Rated voltage:	400 V
Rated speed:	2900rpm
Insulation class	F
IP class:	IP68
Voltage tolerance:	=10/-10%
Start. method:	soft starter
Max starts per. hour:	20
Rated current:	234.1A
Rated efficiency :	85.0%
Cos phi - power factor:	0.85
Cos phi - p.f. at 3/4 load:	0.82
Cos phi - p.f. at 1/2 load:	0.81

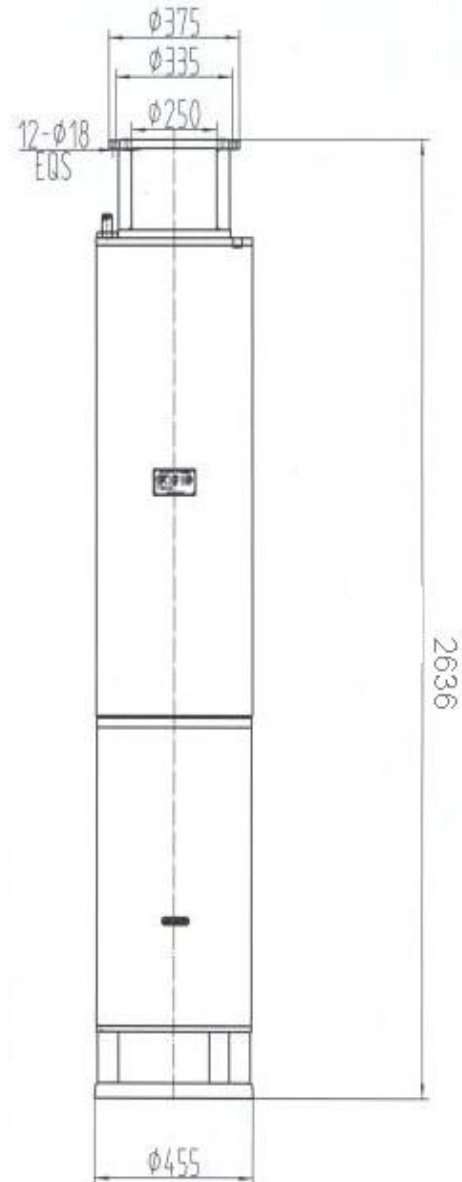
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Description	Value
Motor efficiency at full load:	85.00%
Motor efficiency at 3/4 load:	78.00%
Motor efficiency at 1/2 load:	71.00%





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