



SHANGHAI PACIFIC PUMP MANUFACTURE(GROUP) CO., LTD.

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Data sheet and specification of the centrifugal pump



Model: 50CDL12-16

Pump type: vertical multistage centrifugal pump.

Brand:Pacific Pump

Capacity: 200L/min=12m³/h

Head:160m

Power:11kw

Speed:2800 rpm

Efficiency:75%

Outlet diameter:50mm

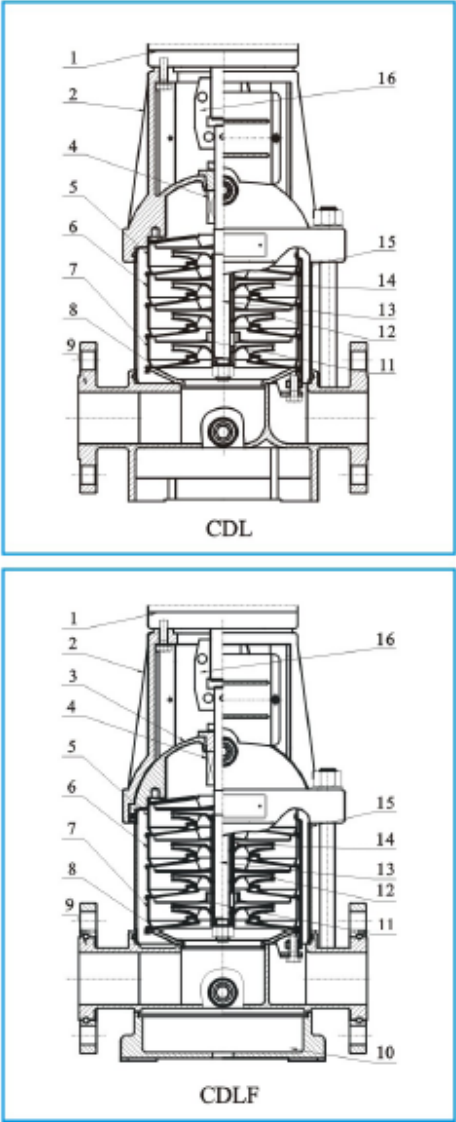
Inlet diameter:50mm

(NPSH)_r:2.0m

Voltage:380V 3 phase 50HZ

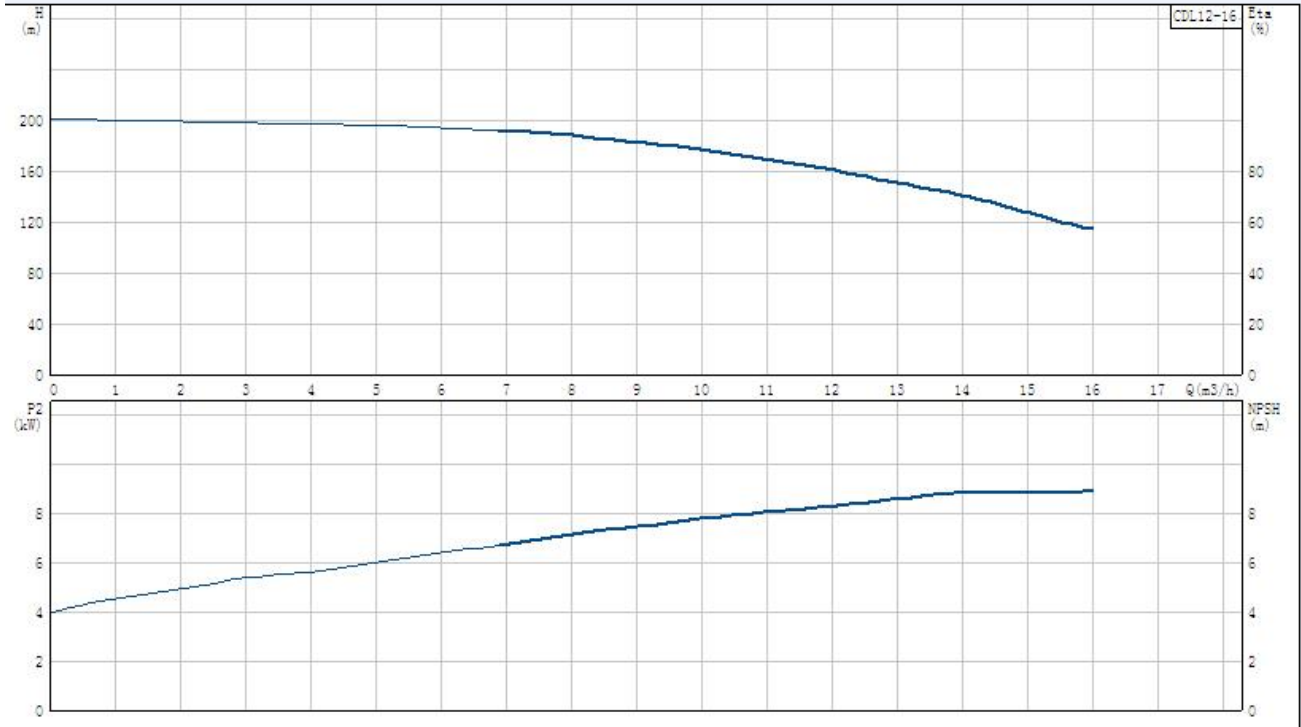
Material:
All wetted parts are SS304
Pump weight: 162kg

Structural drawing for the pump

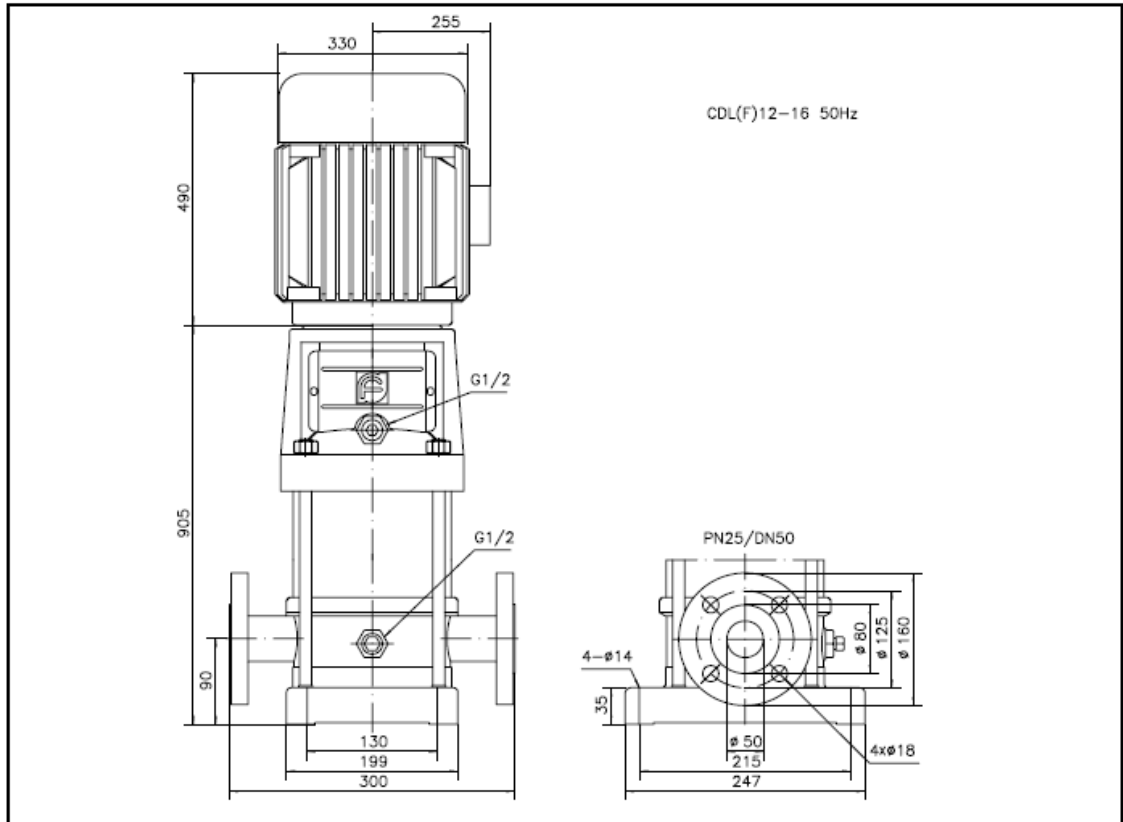


序号 NO.	名称 / Name	材料 / Material	AISI/ASTM
1	电机 Electric motor		
2	泵头 Pump head	铸铁 Cast iron	ASTM25B
4	机械密封 Mechanical seal		
5	出水导叶 Water-out guide vane	不锈钢 Stainless steel	AISI304
6	导叶 Guide vane	不锈钢 Stainless steel	AISI304
7	支撑导叶 Support guide vane	不锈钢 Stainless steel	AISI304
8	导流器 Inducer	不锈钢 Stainless steel	AISI304
11	轴承 Bearing	碳化钨 Tungsten carbide	
12	叶轮 Impeller	不锈钢 Stainless steel	AISI304
13	轴 Shaft	不锈钢 Stainless steel	AISI304 AISI316
14	叶轮隔套 Spacer	不锈钢 Stainless steel	AISI304
15	耐压筒 Pressure-resistant cylinder	不锈钢 Stainless steel	AISI304
16	联轴器 Coupling	碳钢 Carbon steel	
CDLF			
3	泵头衬里 Seal base	不锈钢 Stainless steel	AISI304
9	进出水段 Inlet and outlet section	不锈钢 Stainless steel	AISI304
10	底座 Base frame	铸铁 Cast iron	ASTM25B
CDL			
9	进出水段 Inlet and outlet section	铸铁 Cast iron	ASTM25B

Performance curve for the pump



Installation drawing:



Specification of the motor :

Brand:QILI

Model : Y2-160M1-2

Power:11kw 2pole

Rated current:21.2A

Speed:2930pm

Efficiency:88.4%

Power factor:0.89

Locked current/rated current:7.5

Locked torque/rated torque:2.2

Max torque/rated torque:2.3

No load noise: 86db(a)

Vibration:2.8mm/s