

Scope of application

Applied to pumping such liquid which is clean, no solids or frictional matter, low viscous, noncorrosive, noncrystallizable, chemically neutral and close to water. Such as:

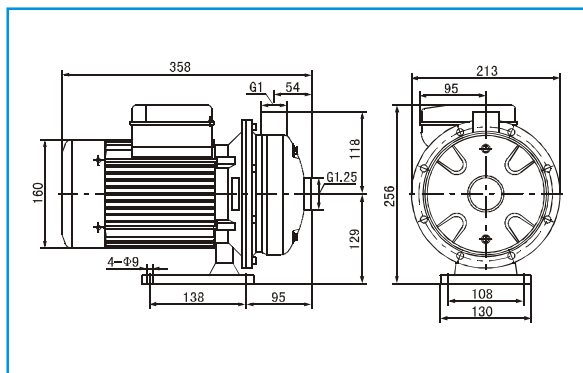
- Domestic water supply
- Irrigation
- Water transfer
- Washing systems
- Pressure boosting



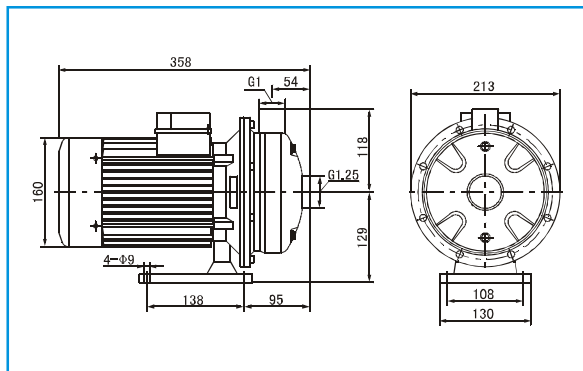
Outline and installation dimension (equipped with single-phase motor)

Features

- Made of high quality anticorrosion materials, compact conformation, robustness.
- TEFC motor corrosion resistant and excludes dust and dirt. Protected against both high operating temperature and high current by a built-in automatically resetting thermal overload.
- Coaxial complete machine and floating neckring structure increased mechanical efficiency and volumetric efficiency
- Used screwed suction and discharge, quick and easy installation.
- Low maintenance, easy to service if required.



Outline and installation dimension (equipped with three-phase motor)



Definition of model



SWB 6 – 25

Rated head m

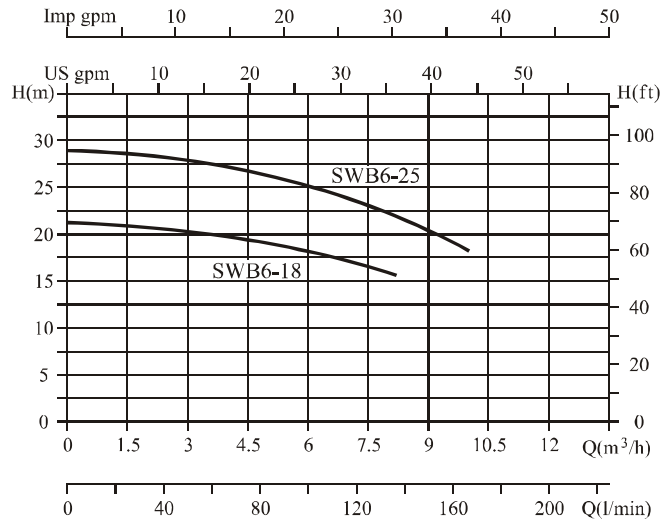
Rated flow m³/h

Stainless steel horizontal single-stage centrifugal pump

Performance curve

Technical data

	SWB6-25	SWB6-18
Max. suction head	7 m	
Liquid temperature	-15°C ~ +80°C	
Max. ambient temperature	+40°C	
Max.pump casing pressure	0.8 MPa	
Inlet size	G1.25	
Outlet size	G1	



Material table

Parts	Casing	Impeller	Shaft	Rotating	Stationary	Neckring	O-Ring	Motor house
Materials	304 SS	304 SS	304 SS	Ceramic	Carbon	PTFE	NBR	Aluminum alloy

Electrical data table

Model	Power	Frequency	Voltage/Current			Speed	Protection class
			Single-phase	Three-phase			
SWB6-25	1.1kW	50Hz	220V/6.42A	220V/4.3A	380V/2.48A	2900r/min	IP55
SWB6-18	0.75kW		220V/4.45A	220V/2.84A	380V/1.64A		
SWB6-25	1.1kW	60Hz	220V/6.72A	220V/4.43A	380V/2.56A	3450r/min	IP55
SWB6-18	0.75kW		220V/5.0A	220V/3.10A	380V/1.79A		

Performance table

Model	(kW) Driving motor	Q(m ³ /h)	0	3	6	8	10
SWB6-25	1.1	H(m)	29	27.5	25	22	18
SWB6-18	0.75		21.5	20.5	18	16	