WALRUS PUMP

HS Series

Multistage Centrifugal Pump



Better Life
Through Innovation

HS Series Multistage Centrifugal Pump



50 Hz

Power: 0.37 - 0.75 kW
Head: Up to 33 M
Flow: Up to 110 L/min
Outlet: 1"

60 Hz

Power: 0.37 - 0.75 kW
Head: Up to 46 M
Flow: Up to 100 L/min
Outlet: 1"



Applications

The HS series are multistage centrifugal pumps suitable for pressure boosting applications such as increasing water pressure from city mains or private water systems. They are also suitable for other applications such as:

- Water circulation
- Liquid transfer
- Irrigation systems
- Lawn sprinkle systems
- Washing systems
- General purpose pumping

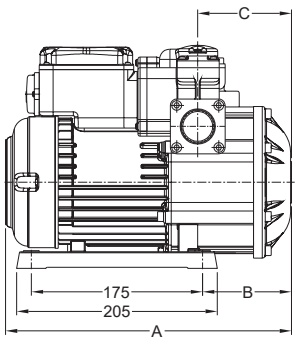
Operating Conditions

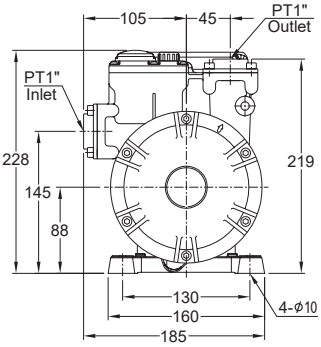
- Ambient temperature: Max. +40°C
- Liquid temperature: +4°C ~ +40°C
- System Pressure: Max. 8.5 kg/cm²

Product Features

- Multistage design provides steady, quiet and vibration- free operation for years of trouble-free service.
- Close coupled, space saving design provides easy installation.
- All parts in contact with water are made from corrosion resistant materials.
- The pump is installed with thermostat protection switch to protect against dry running. The pump will shut off when water temperature exceeds 130° F (55° C).
- The motor has a built-in thermal overload to protect against high operating temperatures and over current.
- The pumps will lift water up to 6m. with foot valve and pump suction piping filled with water

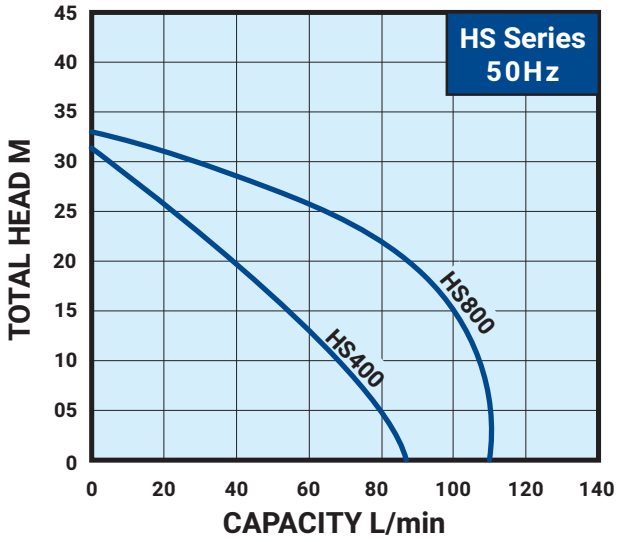
Dimensions

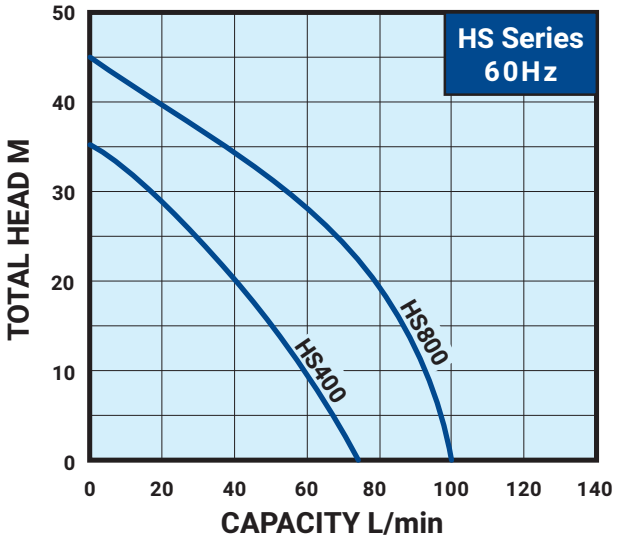




Model	Cycle Hz	A mm	B mm	C mm
HS400	50 / 60	292	91	96
HS800	50 / 60	344	96	101

Performance Curve







HS Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	H max. m	Q max. L/min	N.W. kg	G.W. kg	
HS400	0.37	50	1	200 - 240	2.8	1"	1"	31	85	8.1	8.6	45
HS800	0.75	50	1	200 - 240	4.5	1"	1"	33	110	10.1	10.9	36



HS Series 60Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	H max. m	Q max. L/min	N.W. kg	G.W. kg	
HS400	0.37	60	1	110 / 220	6.0 / 3.0	1"	1"	36	75	8.1	8.5	45
HS800	0.75	60	1	110 / 220	10.0 / 5.0	1"	1"	46	100	10.1	10.9	36

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WALRUS PUMP CO., LTD.

Head office : No.83-14, Dapiantou, Sanzhi Dist.,
New Taipei City 252, Taiwan
Tel : (+886) 2 2636-1123~7
Fax : (+886) 2 8635-2660
Email : walrus.sales@walrus.com.tw

All specifications are subject to change without notice. HS-EN000a-202309