



Operating Conditions

1. Ambient temperature: 0~40°C.
2. Liquid temperature: 0~40°C.
3. Working Pressure: Max. 6 bar.
4. Suction lift: Max. 4M.
5. No suitable for transferring underground water.

Applications

1. Mostly used for household water supply and garden irrigation.
2. Suitable for transfer clean water without solid particles.
3. Transfer water to roof water tower of the house.

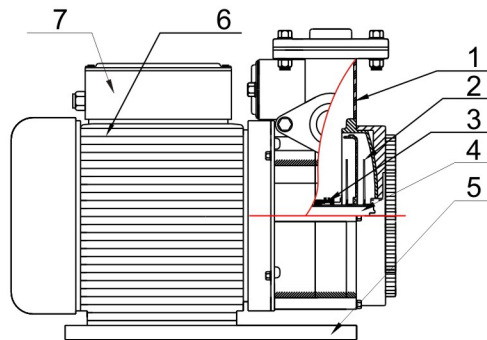
Features

1. Low noise operation.
2. Compact structure for saving space.
3. Great performance and convenient use.

Motor Spec.

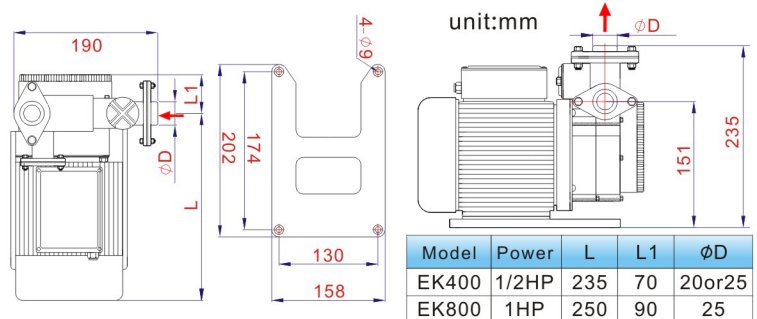
1. Voltage: Single phase only.
2. Frequency: 60Hz
3. Enclosed class: IP54
4. Insulation: B
5. Enclosed Fan cooled, 2 Pole motor.
6. Built in motor overload protector

Main Parts & Materials

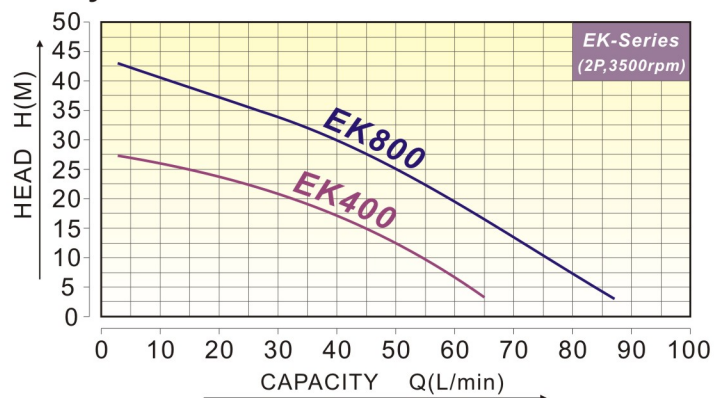


Part Name	Material
1. Pump Casing	FC200
2. Impeller	SUS304
3. Mechanical Seal	CE/CA/NBR
4. Shaft	SUS420
5. Base	ABS
6. Motor Shell	Aluminum Alloy
7. Wiring Box	ABS

Dimensions



Performance Curves



Specification

MODEL	Power		Cycle	Pole	PH	Inlet / Outlet	Suction Lift	Rated		Maximum		Net Weight
	HP	KW						Head	Capacity	Head	Capacity	
EK400	1/2	0.37	60	2P	1	3/4" or 1"	Max.4	17~21	40~30	27	70	11.5
EK800	1	0.75	60	2P	1	1"	Max.4	25~30	50~40	43	90	14.0