

### ▲ 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.

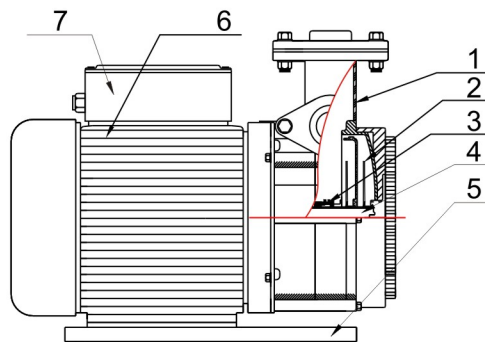
### ▲ Features

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

### ▲ Motor Spec.

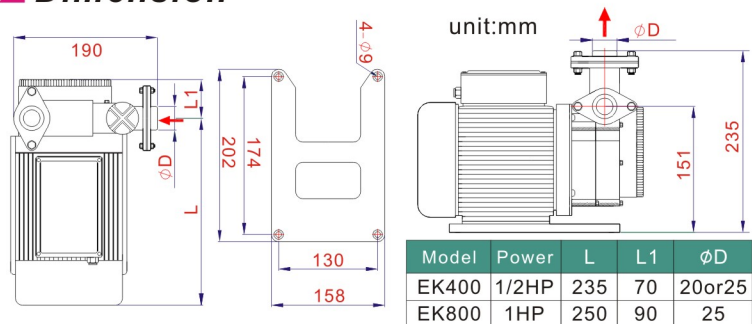
1. Voltage: Single phase only.
2. Frequency: 50Hz
3. Enclosed class: IP54
4. Insulation: B
5. Enclosed Fan cooled, 2 Pole motor.
6. Built in motor overload protector

### ▲ Main parts & Materials

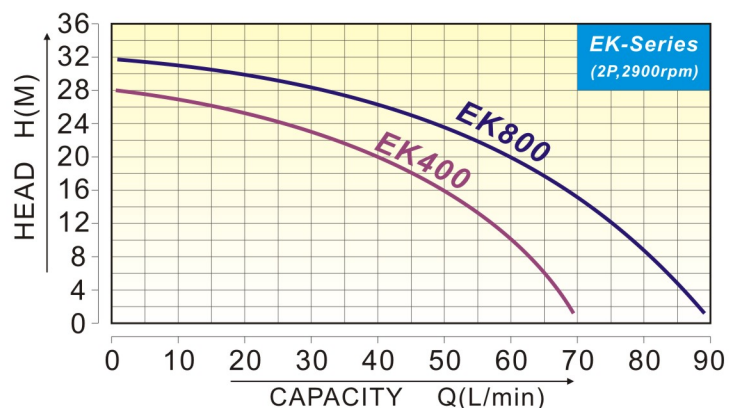


Part Name	Material
1. Pump Casing	FC200
2. Impeller	SUS304
3. Mechanical Seal	CE/CA/NBR
4. Shaft	SUS420
5. Base	ABS
6. Motor Shell	Aluminum Alloy
7. Wiring Box	ABS

### ▲ Dimension



### ▲ 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	50	2P	1	3/4" or 1"	Max. 4	20~16	40~50	28	70	12.0
EK800	1	0.75	50	2P	1	1"	Max. 4	25~20	45~60	32	90	14.0