



Performance you can trust

# **Horizontal Multistage Stainless-Steel Pump**



## Applications

It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial mining, water supply and drainage of enterprises and high-rise buildings. Central air conditioner and centralized heating circulation system, etc.

## Performance Range

- Flow: up to 60 LPM
- Head: up to 53 meters
- Speed: 2900 RPM
- Power: 0.75 Kw



## Application limits

- Max suction: up to 8m
- Liquid Temperature between: 0°C to 85°C
- Ambient temperature: up to 40°C
- Liquid PH value: 4-10
- Altitude: ≤ 1000m

## Motor Details

- TEFC Induction Motor 2 pole.
- Insulation class – F
- Protection: IP54 & IP55
- Voltage: 220-240v, 50Hz
- Continuous Duty: S1
- Winding: 100% Copper
- Thermal protector: Built-in

## Installation and use

Thanks for its reliability, the fact that these pumps are easy to use and very economical, these are ideal for domestic and civil use and in particular for distributing water in combination with small and medium pressure sets, irrigation of gardens and allotment. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

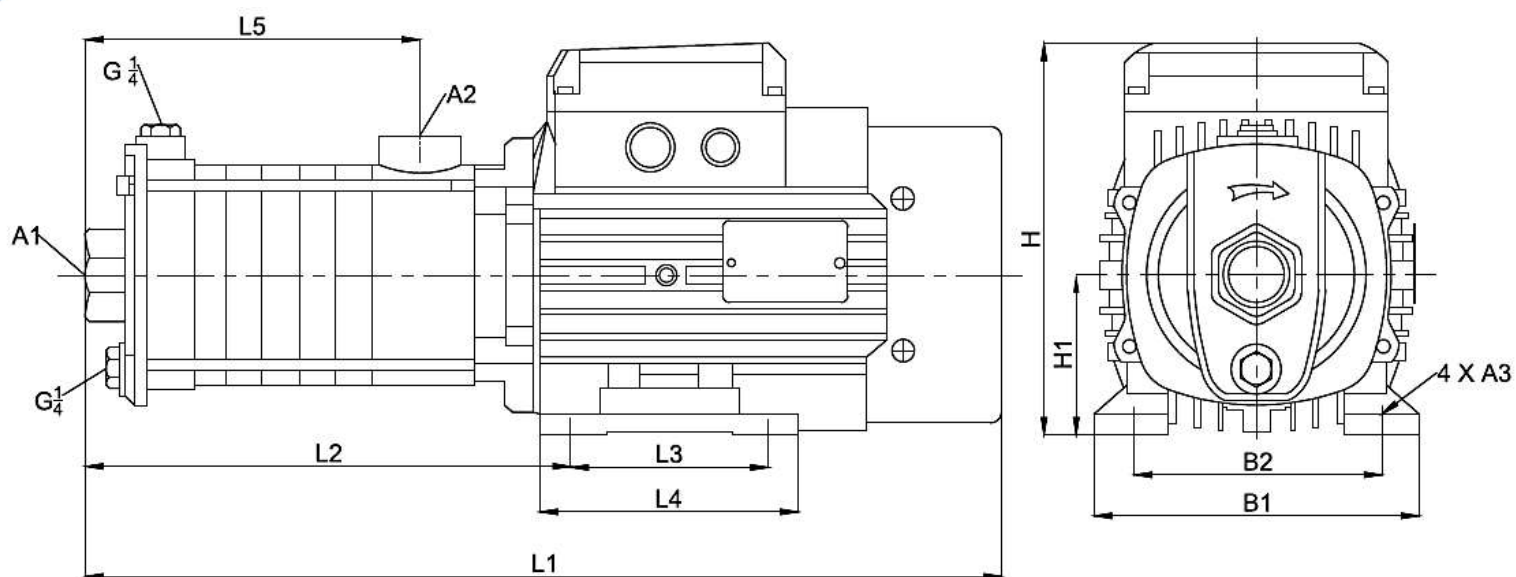
## Pump Selection Chart

| Model    | Power |      | Voltage<br>(50Hz) | Speed<br>(RPM) | Inlet/<br>outlet | Max.<br>Flow<br>(LPM) | Max.<br>Head<br>(meter) | Net<br>Weight<br>(Kg) | Max.<br>Suction<br>(m) |
|----------|-------|------|-------------------|----------------|------------------|-----------------------|-------------------------|-----------------------|------------------------|
|          | HP    | KW   |                   |                |                  |                       |                         |                       |                        |
| THMP2-60 | 1.0   | 0.75 | 220-240v          | 2900           | 1" x 1"          | 60                    | 53                      | 14.6                  | 8                      |

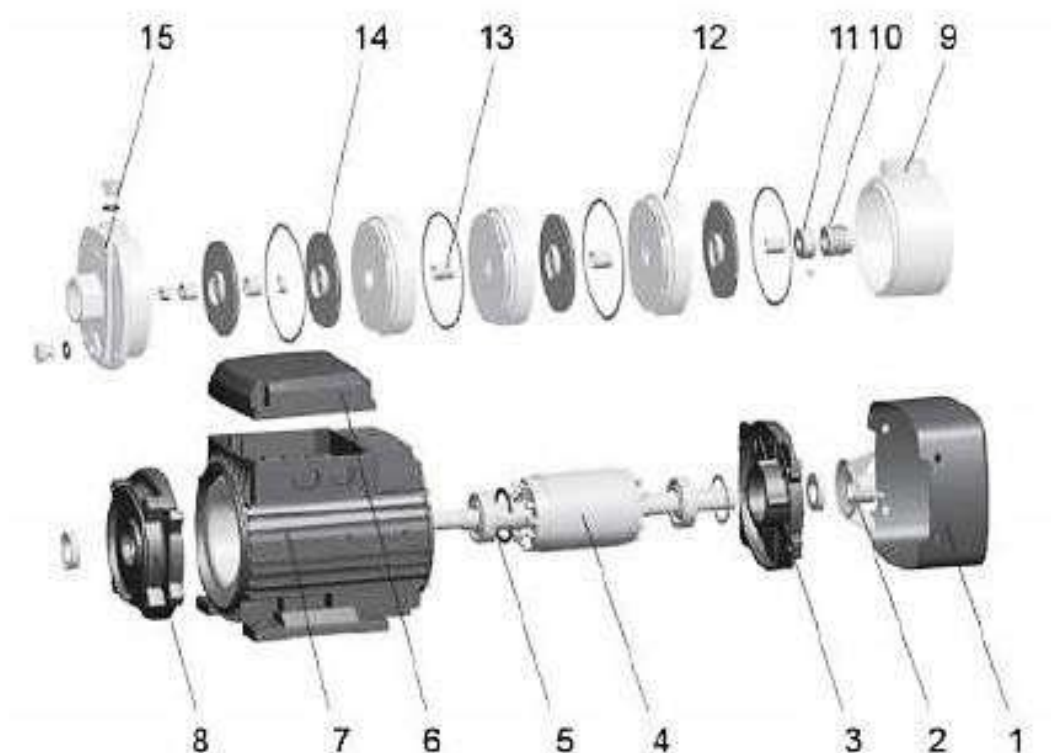
## Pump Dimension

| Model    | Dimension in mm |       |    |     |       |     |     |       |    |     |     |    |
|----------|-----------------|-------|----|-----|-------|-----|-----|-------|----|-----|-----|----|
|          | L1              | L2    | L3 | L4  | L5    | B1  | B2  | H     | H1 | A1  | A2  | A3 |
| THMP2-60 | 117.5           | 238.5 | 90 | 110 | 171.5 | 137 | 109 | 176.5 | 71 | G1" | G1" | Ø7 |

## G.A Drawing



## Explod view



## Material Of Contraction (MOC)

| Code no. | Parts name   | Material  | Code no. | Parts name         | Material   |
|----------|--------------|-----------|----------|--------------------|------------|
| 1        | Fan Cover    | 08F       | 9        | Outlet body        | Cast Iron  |
| 2        | Fan          | PP        | 10       | Mechanical seal    | Sic/carbon |
| 3        | Rear Cover   | ZL 102    | 11       | Positioning sleeve | AISI 304   |
| 4        | Rotor        | Alloy     | 12       | Diffuser           | AISI 304   |
| 5        | Bearing      |           | 13       | Sleeve             | AISI 304   |
| 6        | Terminal box | ZL 102    | 14       | Impeller           | AISI 304   |
| 7        | Stator       | AL        | 15       | Pump body          | Cast Iron  |
| 8        | Front Cover  | Cast Iron |          |                    |            |

## Pump Performance Curve

| Model    | Power |      | Q        | US GPM | 0  | 2.6 | 5.3 | 7.9 | 10.6 | 13.2 | 15.9 |
|----------|-------|------|----------|--------|----|-----|-----|-----|------|------|------|
|          |       |      |          | M3/H   | 0  | 0.6 | 1.2 | 1.8 | 2.4  | 3    | 3.6  |
|          | HP    | KW   |          | LPM    | 0  | 10  | 20  | 30  | 40   | 50   | 60   |
| THMP2-60 | 1.0   | 0.75 | H meters |        | 53 | 50  | 45  | 40  | 36   | 30   | 23   |

### Hydraulic Performance Curve THMP2-60 2900RPM, 50Hz

