



Application

- To transfer clean water with liquid temperature between 0°C and 40 °C
- Application in water supply and drainage for factories, mines, municipal facilities as well as field irrigation, etc.

Features

- Flexible multi-directional discharge
- Durable steel frame
- Compact for easy carrying
- Quiet and reliable engine
- Low emission and fuel consumption

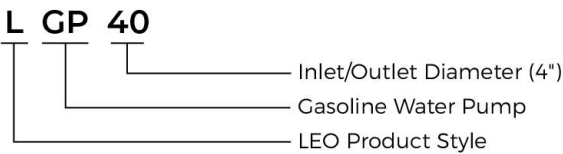
Pump

- Cast iron impeller and cast aluminum housing for long life time
- Max. suction: 8 m, suck 5 m needs 120 s
- Inlet/outlet: 100 mm

Engine

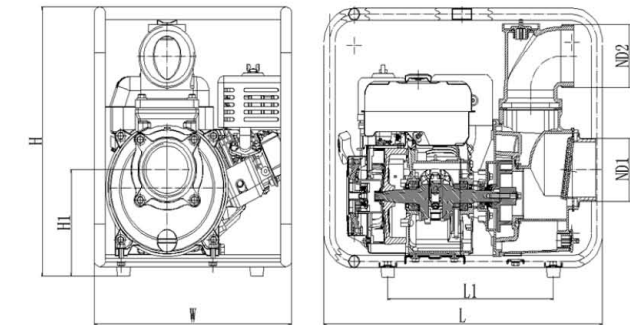
- Single cylinder, 4-stroke, Air-cooled
- Max. power: 6.5 HP
- Rated speed: 3600 rpm
- Reliable engine equipped with low engine oil shut off system

Identification Codes



Technical Data

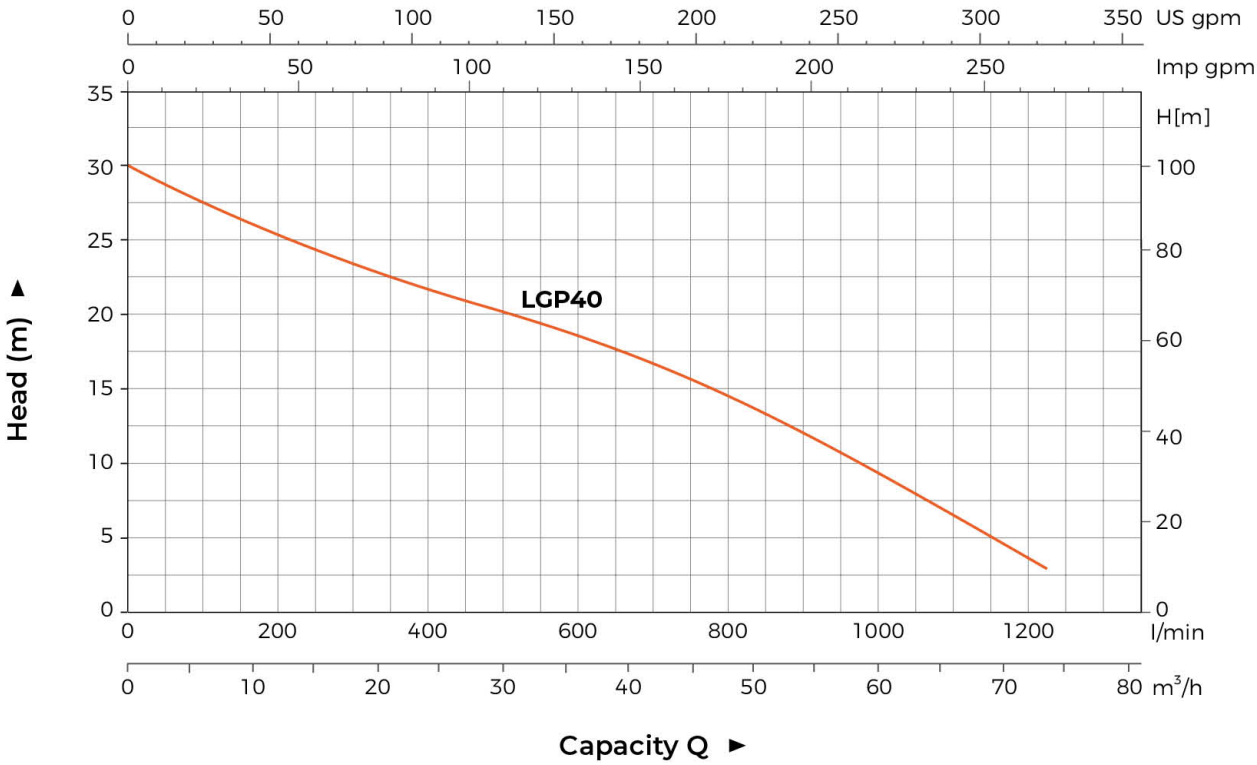
| Model | Power | Fuel Tank | Engine Oil | Displacement | Engine | Q(m³/h)  | 0  | 10    | 20    | 30   | 40    | 50    | 60   | 70   |
|-------|-------|-----------|------------|--------------|--------|----------|----|-------|-------|------|-------|-------|------|------|
|       | HP    | L         | L          | cc           |        | Q(l/min) | 0  | 166.7 | 333.3 | 500  | 666.7 | 833.3 | 1000 | 1200 |
| LGP40 | 6.5   | 3.1       | 0.55       | 196          | G200   | H(m)     | 30 | 26    | 22.6  | 20.1 | 17.1  | 13.3  | 9    | 3.1  |



Dimension

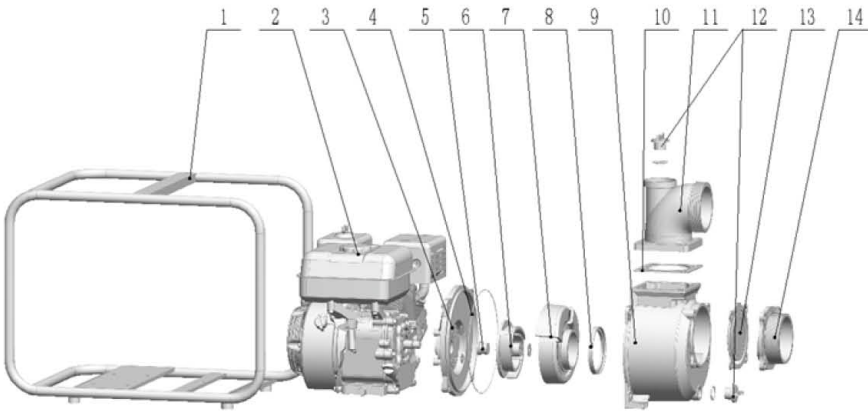
| Model | DN1 | DN2 | L (mm) | W (mm) | H (mm) | H1 (mm) | L1 (mm) |
|-------|-----|-----|--------|--------|--------|---------|---------|
| LGP40 | 4"  | 4"  | 555    | 393    | 479    | 190     | 330     |

Hydraulic Performance Curves



Material Table

| No. | Part             | Material       |
|-----|------------------|----------------|
| 1   | Frame            | Steel          |
| 2   | Gasoline engine  |                |
| 3   | Pump cover       | ADC12          |
| 4   | O-ring           | NBR            |
| 5   | Mechanical seal  | Carbon/Ceramic |
| 6   | Impeller         | Cast iron      |
| 7   | Diffuser         | Cast iron      |
| 8   | O-ring           | NBR            |
| 9   | Pump body        | Aluminum       |
| 10  | Gasket           | NBR            |
| 11  | Outlet           | Aluminum       |
| 12  | Filling plug     | PA6            |
| 13  | Non-return valve | NBR            |
| 14  | Inlet            | Aluminum       |



Package Information

| Model | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20'TEU) |
|-------|----------|--------|--------|--------|-----------------------|
| LGP40 | 24.3     | 570    | 400    | 490    | 232                   |

