



### Application

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

### Features

- New unique design with ergonomic feature
- Portable and compact pump frame
- High quality engine with excellent performance and long service life
- Impeller designed with high efficient hydraulic system
- Low fuel consumption

### Pump

- Anti-rust cast iron impeller and diffuser
- Max. Suction: 8 m, Suck 5 m needs 120 s
- Inlet/outlet: 25 mm/38 mm

### Engine

- Single cylinder, 2-stroke, Air-cooled
- Max. power: 1.6 HP
- Rated speed: 7500rpm
- Mixture ratio of fuel: 1:25 (2-stroke engine oil and 90 octane gasoline or higher)

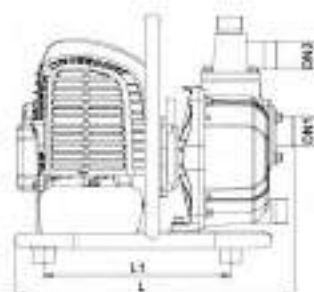
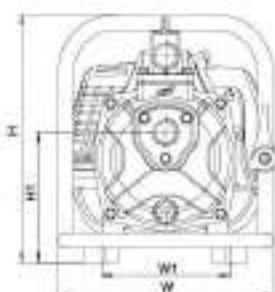
### Identification Codes

**LGP10**

- Inlet/Outlet Diameter (1")
- Gasoline Water Pump
- LEO Product Style

### Technical Data

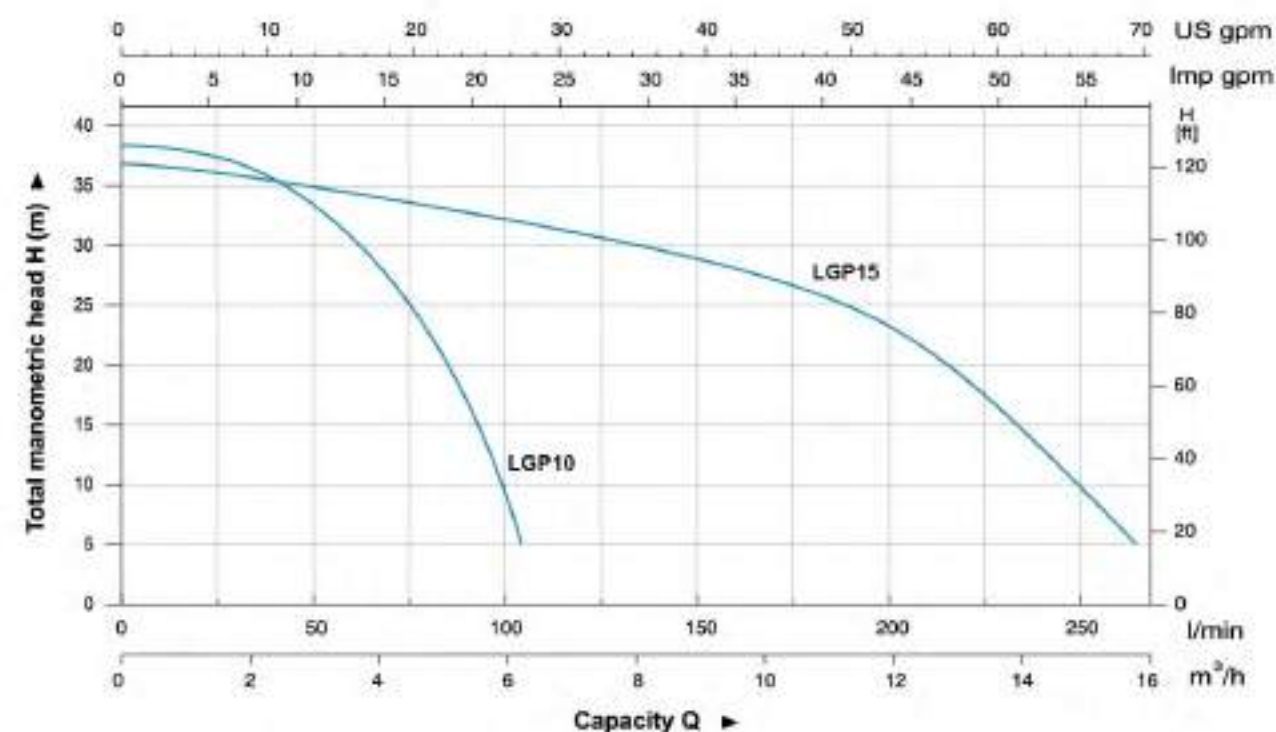
| Model | Power<br>HP | Mixed Fuel tank<br>L | Displacement<br>cc | Q (m³/h)<br>Q (l/min) | 0  | 2    | 4    | 6  | 8  | 10   | 12   | 14 | 16 | 18 |
|-------|-------------|----------------------|--------------------|-----------------------|----|------|------|----|----|------|------|----|----|----|
| LGP10 | 1.6         | 1                    | 42.7               | H<br>(m)              | 38 | 35.7 | 28.9 | 8  | -  | -    | -    | -  | -  | -  |
| LGP15 | 1.8         | 1                    | 42.7               |                       | 37 | 36.8 | 34   | 33 | 30 | 22.5 | 23.5 | 15 | 5  | -  |



### Dimension

| Model | DA1    | DA2    | L (mm) | W (mm) | H (mm) | L1 (mm) | W1 (mm) | H1 (mm) |
|-------|--------|--------|--------|--------|--------|---------|---------|---------|
| LGP10 | 1"     | 1"     | 330    | 278    | 300    | 217.5   | 155     | 157     |
| LGP15 | 1 1/2" | 1 1/2" | 344    | 279    | 345    | 233     | 175     | 144     |

### Hydraulic Performance Curves



### Materials Table

| No. | Part             | Material       |
|-----|------------------|----------------|
| 1   | Frame            | Steel          |
| 2   | Throttle trigger |                |
| 3   | Engine           |                |
| 4   | Crankshaft       |                |
| 5   | Bearing          |                |
| 6   | Seal connection  | Aluminum       |
| 7   | Pump cover       | Aluminum       |
| 8   | O-ring           | NBR            |
| 9   | Mechanical seal  | Carbon/Ceramic |
| 10  | Impeller         | HT200          |
| 11  | Diffuser         | HT200          |
| 12  | O-ring           | NBR            |
| 13  | Plug             | PP             |
| 14  | Outlet           | Aluminum       |
| 15  | Seal             | NBR            |
| 16  | Non-return valve | NBR            |
| 17  | Inlet            | Aluminum       |
| 18  | Pump body        | Aluminum       |



### Package Information

| Model | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20 TEU) |
|-------|----------|--------|--------|--------|-----------------------|
| LGP10 | 8.1      | 300    | 290    | 325    | 800                   |
| LGP15 | 8.3      | 355    | 290    | 370    | 788                   |





### 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, ect.

### Features

- 4-stroke gasoline engine power performance, structural optimization and upgrading
- Ignition more convenient, more complete combustion, low energy consumption, more environmentally friendly
- Strengthened pump body ensures more durable and reliable service
- Better sealing effect by using special mechanical seal
- Impeller designed with high efficient hydraulic system

### Pump

- Anti-rust cast iron impeller and diffuser
- Max.Suction: 8 m , Suck 5 m needs 120 s
- Inlet/outlet: 38 mm

### Engine

- Single cylinder, 4-stroke, Air-cooled
- Max.power: 3 HP
- Rated speed: 3600 rpm

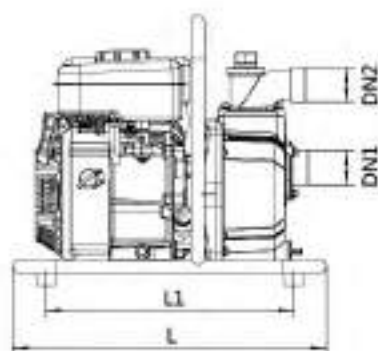
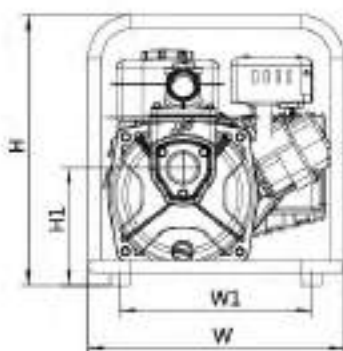
### Identification Codes

**LGP15-A**

- Symbol for Product Optimization
- Inlet/Outlet Diameter (1 1/2")
- Gasoline Water Pump
- LEO Product Style

### Technical Data

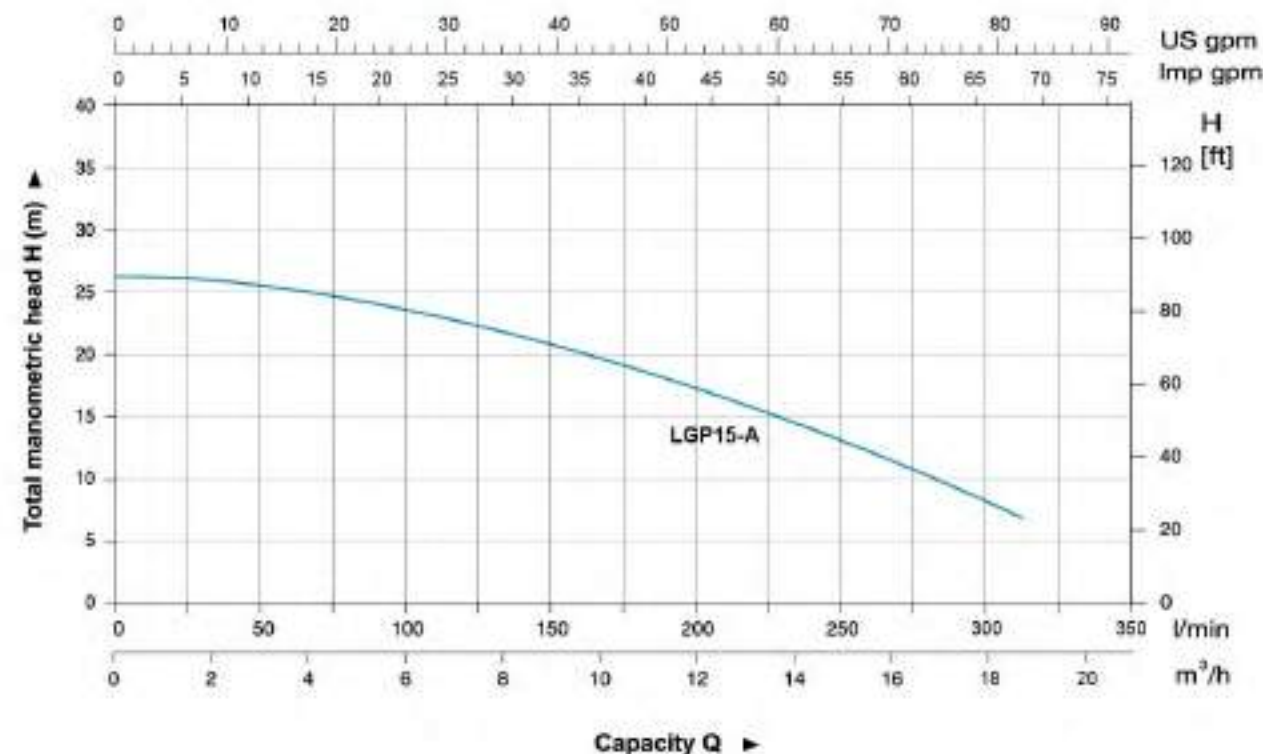
| Model   | Power<br>HP | Fuel tank<br>L | Engine oil<br>L | Displacement<br>CC | Q (m³/h)<br>Q (l/min) | 0  | 2  | 4    | 6  | 8  | 10 | 12 | 14 | 16 | 18  |
|---------|-------------|----------------|-----------------|--------------------|-----------------------|----|----|------|----|----|----|----|----|----|-----|
| LGP15-A | 3           | 1.8            | 0.35            | 67                 | H (mm)                | 26 | 28 | 24.8 | 23 | 22 | 20 | 17 | 15 | 12 | 7.2 |



### Dimension

| Model   | DN1    | DN2    | L (mm) | W (mm) | H (mm) | L1 (mm) | W1 (mm) | H1 (mm) |
|---------|--------|--------|--------|--------|--------|---------|---------|---------|
| LGP15-A | 1 1/2" | 1 1/2" | 438    | 358    | 377    | 346     | 268     | 164.2   |

### Hydraulic Performance Curves



### Materials Table

| No. | Part             | Material       |
|-----|------------------|----------------|
| 1   | Frame            | Steel          |
| 2   | Engine           |                |
| 3   | Pump cover       | Aluminum       |
| 4   | O-ring           | NBR            |
| 5   | Mechanical seal  | Carbon/Ceramic |
| 6   | Impeller         | HT200          |
| 7   | Diffuser         | HT200          |
| 8   | O-ring           | NBR            |
| 9   | Pump body        | Aluminum       |
| 10  | Seal             | NBR            |
| 11  | Plug             | DP             |
| 12  | Outlet           | Aluminum       |
| 13  | Non-return valve | NBR            |
| 14  | Inlet            | Aluminum       |



### Package Information

| Model   | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PC/20 TEU) |
|---------|----------|--------|--------|--------|----------------------|
| LGP15-A | 15.5     | 464    | 378    | 400    | 340                  |





### 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, ect.

### Features

- Strengthened pump body ensures more durable and reliable service
- Better sealing effect by using special mechanical seal
- 5-direction outlet for convenient use
- Improved starter handle for easier starting
- 20% increased loading quantity thanks to very compact design
- Less gasoline consumption
- LEO engine as default, BS/Honda engine is optional

### Pump

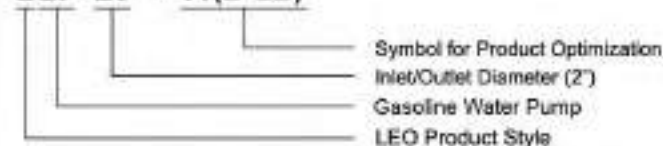
- Anti-rust cast iron impeller and diffuser
- High quality forged steel crankshaft
- Max.Suction: 8 m , Suck 5 m needs 120 s
- Inlet/outlet: 38 mm/50 mm/80 mm

### Engine

- Single cylinder, 4-stroke, Air-cooled
- Max.power: 3 HP/5.5 HP/6.5 HP
- Rated speed: 3600 rpm
- Reliable engine equipped with low engine oil shut off system

### Identification Codes

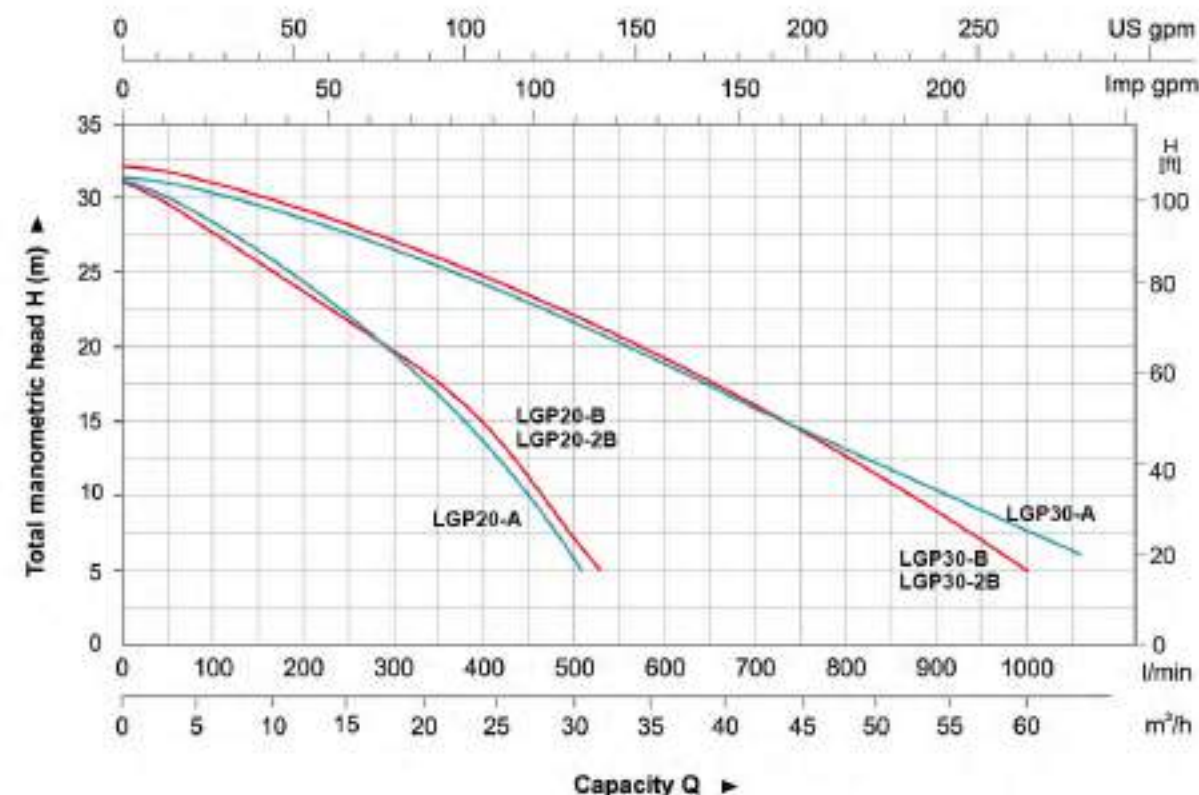
LGP 20 - A(B,2B)



### Technical Data

| Model    | Power<br>HP | Fuel tank<br>L | Engine Oil<br>L | Displacement<br>cc | Q (m³/h) | Q (l/min) | 0    | 5    | 10   | 15   | 20   | 25  | 30   | 35   | 40   | 45 | 50  | 55 | 60 |
|----------|-------------|----------------|-----------------|--------------------|----------|-----------|------|------|------|------|------|-----|------|------|------|----|-----|----|----|
| LGP20-A  | 5.5         | 2.8            | 0.55            | 163                | H<br>(m) | 32        | 29.1 | 25.2 | 21.5 | 16.8 | 11.3 | 6.5 | -    | -    | -    | -  | -   | -  | -  |
| LGP30-A  | 6.5         | 2.8            | 0.55            | 166                |          | 32        | 30.4 | 26.3 | 22.1 | 17.5 | 12.5 | 7.5 | 18   | 16.2 | 13.5 | 11 | 8   | 6  | 4  |
| LGP20-B  | 5.5         | 2.8            | 0.58            | 163                |          | 32        | 28   | 24.5 | 21   | 17.5 | 14   | 7.5 | -    | -    | -    | -  | -   | -  | -  |
| LGP30-B  | 5.5         | 2.8            | 0.58            | 163                |          | 31        | 30   | 26   | 22.5 | 18   | 14   | 7.5 | 17.5 | 15   | 13.5 | 10 | 6.5 | 4  | -  |
| LGP20-2B | 5           | 3.1            | 0.6             | 163                |          | 32        | 28.5 | 25   | 22   | 18   | 14   | 7.5 | -    | -    | -    | -  | -   | -  | -  |
| LGP30-2B | 5           | 3.1            | 0.6             | 163                |          | 33        | 32   | 30   | 28.4 | 27   | 25   | 22  | 18.3 | 17   | 15.5 | 12 | 8.6 | 5  | -  |

### Hydraulic Performance Curves



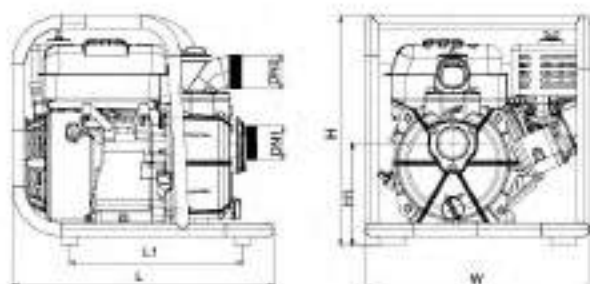
### Materials Table

| No. | Part             | Material       |
|-----|------------------|----------------|
| 1   | Frame            | Steel          |
| 2   | Gasoline engine  |                |
| 3   | Pump cover       | ADC12          |
| 4   | O-ring           | NBR            |
| 5   | Mechanical seal  | Carbon/Generic |
| 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     | PP6            |
| 13  | Non-return valve | NBR            |
| 14  | Inlet            | Aluminum       |



### Package Information

| Model    | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20 TEU) |
|----------|----------|--------|--------|--------|-----------------------|
| LGP20-A  | 21.5     | 478    | 412    | 432    | 340                   |
| LGP30-A  | 23       | 478    | 412    | 432    | 340                   |
| LGP20-B  | 21.5     | 478    | 412    | 432    | 326                   |
| LGP30-B  | 22.5     | 478    | 412    | 432    | 326                   |
| LGP20-2B | 24.2     | 545    | 435    | 450    | 228                   |
| LGP30-2B | 26.2     | 545    | 435    | 450    | 228                   |



### Dimension

| Model    | DN1 | DN2 | L (mm) | W (mm) | H (mm) | H1 (mm) |
|----------|-----|-----|--------|--------|--------|---------|
| LGP20-A  | 2"  | 2"  | 462    | 387.5  | 405.5  | 181     |
| LGP30-A  | 3"  | 3"  | 462    | 387.5  | 405.5  | 189     |
| LGP20-B  | 2"  | 2"  | 463    | 391    | 404    | 181     |
| LGP30-B  | 3"  | 3"  | 463    | 391    | 404    | 180.9   |
| LGP20-2B | 2"  | 2"  | 530    | 420    | 425    | 183     |
| LGP30-2B | 3"  | 3"  | 530    | 420    | 403.6  | 180.9   |



### 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, ect.
- Suitable for longer distance and greater height water transfer

### Features

- New unique design with ergonomic feature
- Portable and compact pump frame
- High quality motor with excellent performance and long service life
- Impeller designed with high efficient hydraulic system
- Low fuel consumption
- LEO engine as default, BS/Honda engine is optional

### Pump

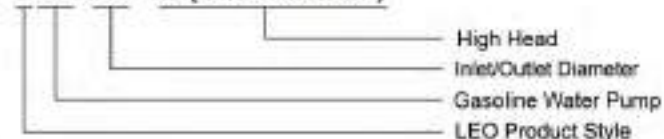
- Anti-rust cast iron diffuser
- Max.Suction: 8 m , Suck 5 m needs 120 s
- Inlet/outlet: 50 mm/2 x 38 mm+1 x 50 mm  
38 mm/1 x 38 mm+2 x 25 mm

### 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

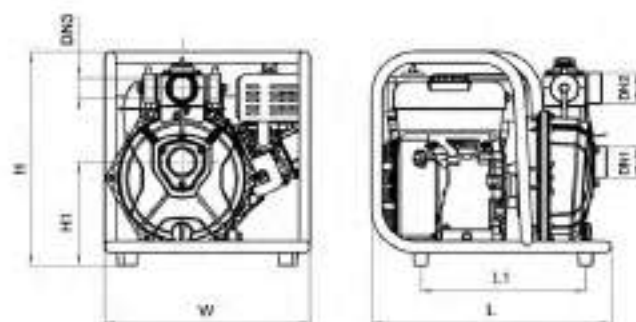
### Identification Codes

LGP 20 - H (G, 2G, 3G, 4G)



### Technical Data

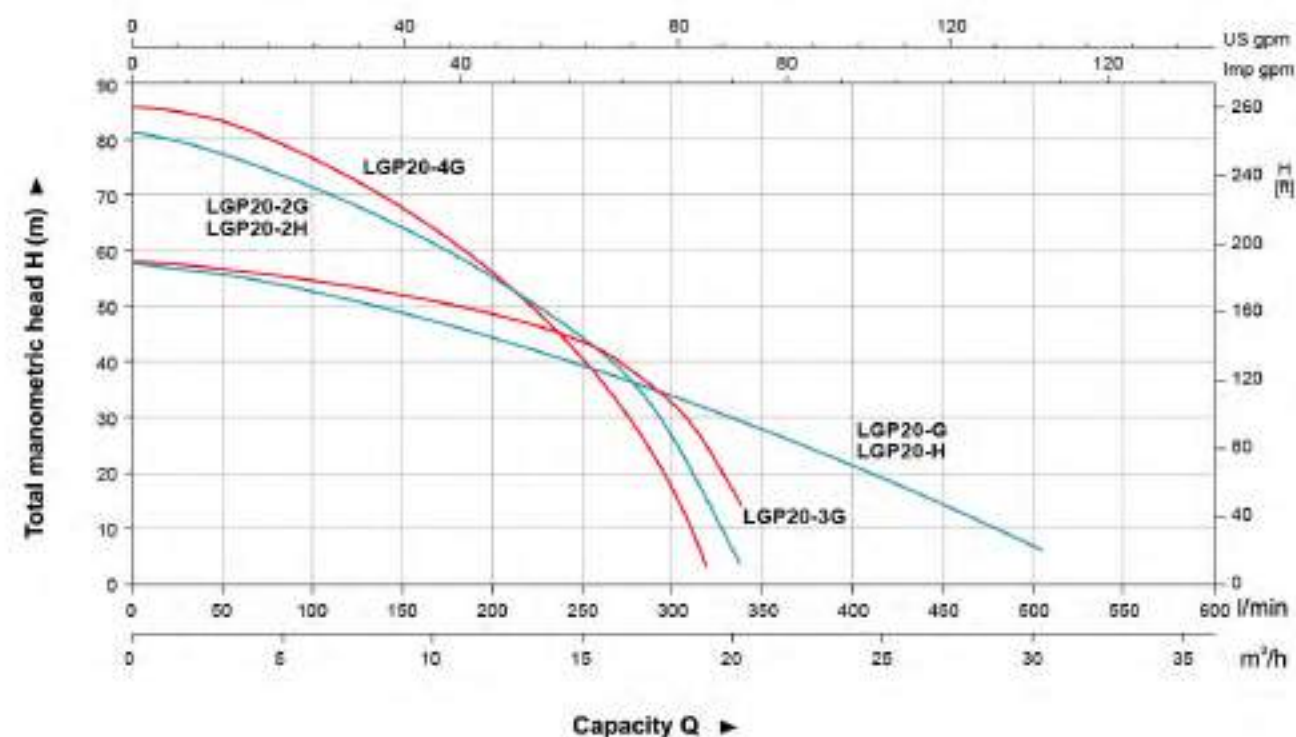
| Model    | Power<br>HP | Fuel tank<br>L | Engine Oil<br>L | Displacement<br>cc | Q (m³/h)<br>Q (l/min) | 0  | 4  | 8  | 12   | 16 | 20 | 24 | 28 |
|----------|-------------|----------------|-----------------|--------------------|-----------------------|----|----|----|------|----|----|----|----|
| LGP20-H  | 6.5         | 2.8            | 0.55            | 100                | H<br>(m)              | 58 | 51 | 45 | 38.5 | 29 | 19 | 8  | -  |
| LGP20-2H | 6.5         | 2.8            | 0.55            | 100                |                       | 61 | 54 | 48 | 40   | 30 | 20 | 10 | -  |
| LGP20-G  | 6.5         | 2.8            | 0.58            | 100                |                       | 58 | 51 | 45 | 38.5 | 29 | 19 | 8  | -  |
| LGP20-2G | 6.5         | 2.8            | 0.58            | 100                |                       | 64 | 57 | 50 | 42   | 32 | 22 | 12 | -  |
| LGP20-3G | 6.5         | 3.1            | 0.6             | 200                |                       | 59 | 52 | 46 | 39   | 30 | 20 | 10 | -  |
| LGP20-4G | 6.5         | 3.1            | 0.6             | 200                |                       | 65 | 58 | 51 | 43   | 33 | 23 | 13 | -  |



### Dimension

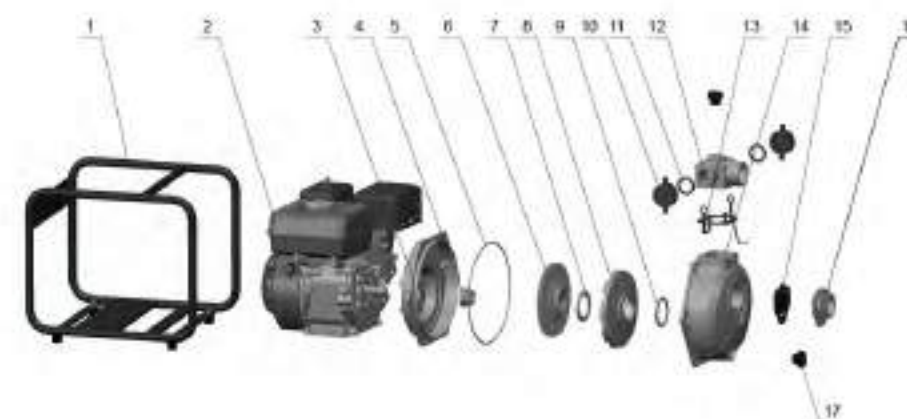
| Model    | DN1  | DN2  | 2*DN3 | L (mm) | W (mm) | H (mm) | H1 (mm) |
|----------|------|------|-------|--------|--------|--------|---------|
| LGP20-H  | 2"   | 2"   | 1.5"  | 483    | 397    | 412    | 200     |
| LGP20-2H | 2"   | 2"   | 1.5"  | 483    | 397    | 412    | 200     |
| LGP20-G  | 2"   | 2"   | 1.5"  | 483    | 398    | 406    | 192.2   |
| LGP20-2G | 2"   | 2"   | 1.5"  | 483    | 398    | 406    | 192.2   |
| LGP20-3G | 1.5" | 1.5" | 1"    | 530    | 420    | 425    | 190     |
| LGP20-4G | 1.5" | 1.5" | 1"    | 530    | 420    | 425    | 190     |

### Hydraulic Performance Curves



### Materials Table

| No. | Part              | Material       |
|-----|-------------------|----------------|
| 1   | Frame             | Steel          |
| 2   | Engine            |                |
| 3   | Bracket           | Aluminum       |
| 4   | Mechanical seal   | Carbon/Ceramic |
| 5   | O-ring            | NBR            |
| 6   | Impeller          | Aluminum       |
| 7   | Seal ring         | NBR            |
| 8   | Diffuser          | HT200          |
| 9   | Seal ring         | NBR            |
| 10  | Pipe blanking cap | PP             |
| 11  | Seal ring         | NBR            |
| 12  | Outlet            | Aluminum       |
| 13  | Capset            | NBR            |
| 14  | Pump body         | Aluminum       |
| 15  | Non-return valve  | NBR            |
| 16  | Inlet             | Aluminum       |
| 17  | Filling plug      | PA6            |



### Package Information

| Model    | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20 TEU) |
|----------|----------|--------|--------|--------|-----------------------|
| LGP20-H  | 22.22    | 470    | 412    | 432    | 340                   |
| LGP20-2H | 22.24    | 470    | 412    | 432    | 340                   |
| LGP20-G  | 22.3     | 470    | 412    | 432    | 340                   |
| LGP20-2G | 22.3     | 470    | 412    | 432    | 340                   |
| LGP20-3G | 26.2     | 545    | 435    | 480    | 233                   |
| LGP20-4G | 27.2     | 545    | 435    | 480    | 233                   |





### Application

- Can be used to transfer slurry, liquids that containing mud, sand, small rocks and other debris diameter less than 22mm
- Sewage treatment for civil engineering, mines, quarries and municipal facilities, ect.
- Water supply and drainage for factories, mins, municipal facilities as well as field irrigation, ect.

### Features

- All new design with ergonomic feature
- Reliable 4-stroke gasoline engine with low fuel consumption and high quality crankshaft
- Portable, durable and compact pump frame
- Durable sealing system with special mechanical seal
- Optional outlet selection
- Silicon carbide mechanical seal for increased abrasive resistance, longer life and less maintenance
- Pump body can easily disassembled and assembled for cleaning out debris, or pump repair

### Pump

- Anti-rust cast iron impeller and diffuser
- Max. Suction: 8 m, Suck 5 m needs 120 s
- Inlet/outlet: 3"
- Max. diameter of particle: 22 mm
- Liquid temperature range: 0°C ~ 40°C

### 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

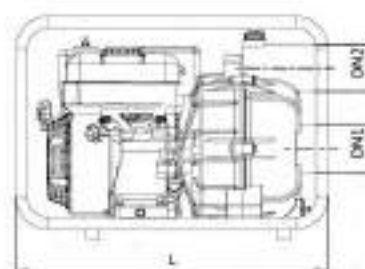
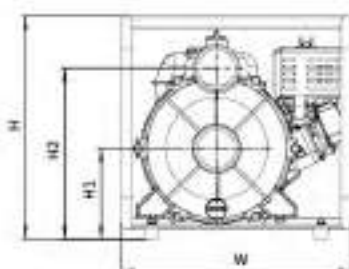
### Identification Codes

LGP 30 - W

- Sewage
- Inlet/Outlet Diameter(3")
- Gasoline Sewage Pump
- LEO Product Style

### Technical Data

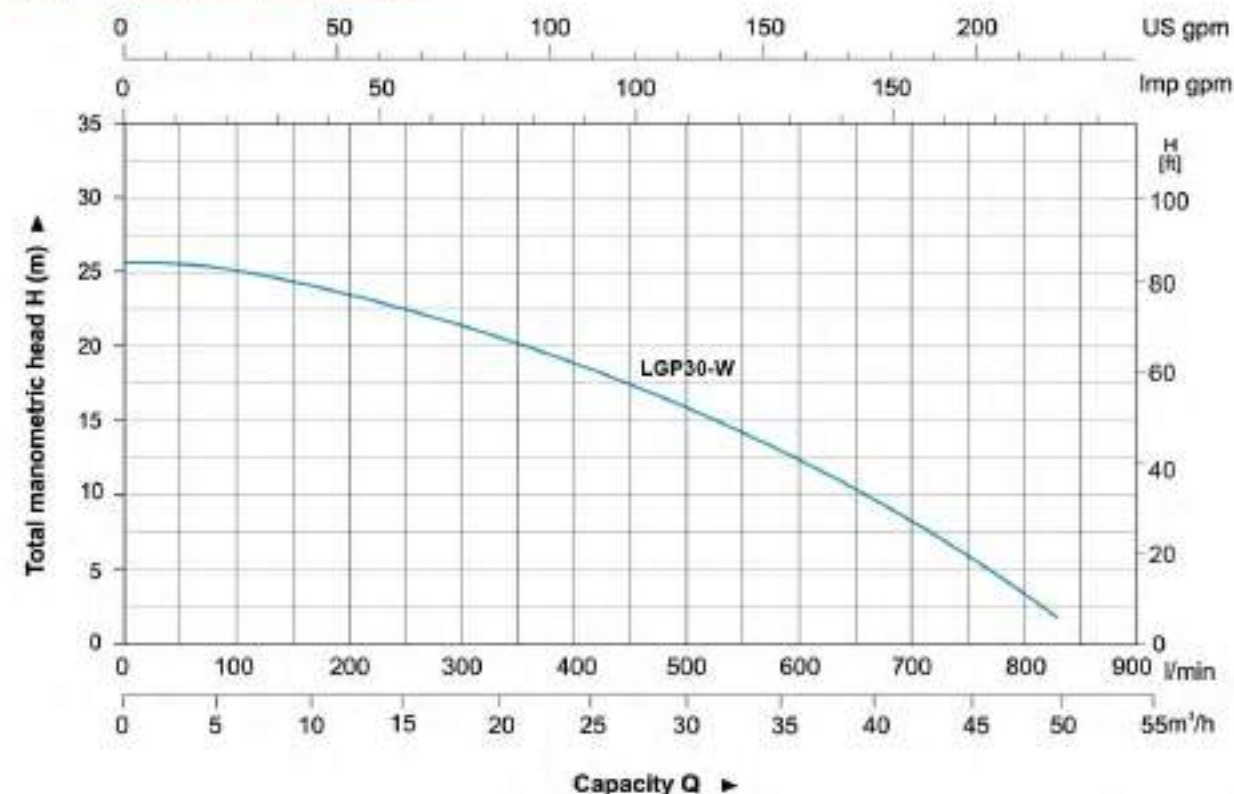
| Model   | Power<br>HP | Fuel tank<br>L | Engine Oil<br>L | Displacement<br>cc | Q (m³/h)<br>Q (l/min)                                                                               | H<br>m                                                                                      | 5                                                                   | 10                                                                                    | 15                                                                                       | 20                                                                                         | 25                                                                                          | 30                                                                                          | 35                                                                                           | 40                                                                                           | 45                                                                                           | 50                                                                                            | 55                                                                                            | 60                                                                                            |
|---------|-------------|----------------|-----------------|--------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| LGP30-W | 6.5         | 2.8            | 0.55            | 100                | H(m)<br>25.9<br>25.3<br>24.1<br>22.8<br>21.2<br>19.8<br>18.1<br>13.2<br>9.8<br>6.1<br>2.1<br>-<br>- | 25.9<br>25.3<br>24.1<br>22.8<br>21.2<br>19.8<br>18.1<br>13.2<br>9.8<br>6.1<br>2.1<br>-<br>- | 5<br>10<br>15<br>20<br>25<br>30<br>35<br>40<br>45<br>50<br>55<br>60 | 10<br>20<br>30<br>40<br>50<br>60<br>70<br>80<br>90<br>100<br>110<br>120<br>130<br>140 | 15<br>30<br>45<br>60<br>75<br>90<br>105<br>120<br>135<br>150<br>165<br>180<br>195<br>210 | 20<br>40<br>60<br>80<br>100<br>120<br>140<br>160<br>180<br>200<br>220<br>240<br>260<br>280 | 25<br>50<br>75<br>100<br>125<br>150<br>175<br>200<br>225<br>250<br>275<br>300<br>325<br>350 | 30<br>60<br>90<br>120<br>150<br>180<br>210<br>240<br>270<br>300<br>330<br>360<br>390<br>420 | 35<br>70<br>105<br>140<br>175<br>210<br>245<br>280<br>315<br>350<br>385<br>420<br>455<br>490 | 40<br>80<br>120<br>160<br>200<br>240<br>280<br>320<br>360<br>400<br>440<br>480<br>520<br>560 | 45<br>90<br>135<br>180<br>225<br>270<br>315<br>360<br>405<br>450<br>495<br>540<br>585<br>630 | 50<br>100<br>150<br>200<br>250<br>300<br>350<br>400<br>450<br>500<br>550<br>600<br>650<br>700 | 55<br>110<br>165<br>220<br>275<br>330<br>385<br>440<br>495<br>550<br>605<br>660<br>715<br>770 | 60<br>120<br>180<br>240<br>300<br>360<br>420<br>480<br>540<br>600<br>660<br>720<br>780<br>840 |



### Dimension

| Model   | D1 | D2 | L (mm) | W (mm) | H (mm) | H1 (mm) | H2 (mm) |
|---------|----|----|--------|--------|--------|---------|---------|
| LGP30-W | 3" | 3" | 500    | 447    | 430    | 195     | 347     |

### Hydraulic Performance Curves



### Materials Table

| No. | Part             | Material                        |
|-----|------------------|---------------------------------|
| 1   | Frame            | Steel                           |
| 2   | Engine           |                                 |
| 3   | Pump cover       | Aluminum                        |
| 4   | O-ring           | NBR                             |
| 5   | Mechanical seal  | Silicon carbide/Silicon carbide |
| 6   | Impeller         | HT200                           |
| 7   | O-ring           | NBR                             |
| 8   | Diffuser         | HT200                           |
| 9   | Non-return valve | NBR                             |
| 10  | Pump body        | Aluminum                        |
| 11  | Plug             | ASS                             |



### Package Information

| Model   | GW (kg) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20 T2U) |
|---------|---------|--------|--------|--------|-----------------------|
| LGP30-W | 33.6    | 605    | 450    | 450    | 188                   |

