LGP
Gasoline Trash Pump



Application

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

Features

- Strengthened aluminium alloy pump body ensures more durable and reliable service
- Original design of the pump body for easy cleanout
- Impeller designed with high efficient hydraulic system
- Honda engine with excellent performance and long service life
- Better sealing effect by using special mechanical seal
- Low fuel consumption
- Honda Engine

Pump

- Aluminum alloy pump body
- Anti -rust cast iron impeller
- Max. suction: 8 m
- Rated suction: 5 m / 120 s
- Inlet/outlet: 50 mm / 50 mm , 80 mm / 80 mm
- Max.diameter of particle: 22 mm
- Liquid temperature range: 0℃ ~ 40℃

Engine

- Single cylinder,4-stroke, Air-cooled
- Max.power: 9 HP
- Displacement: 163 cc , 270 cc
- Rated speed: 3600 rpm

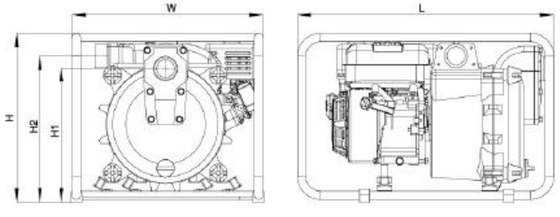
Identification Codes

L GP 20 - T

- T — Trash pump
- 20 — Inlet/Outlet Diameter(2")
- GP — Gasoline Engine Pump
- L — LEO Product Style

Technical Data

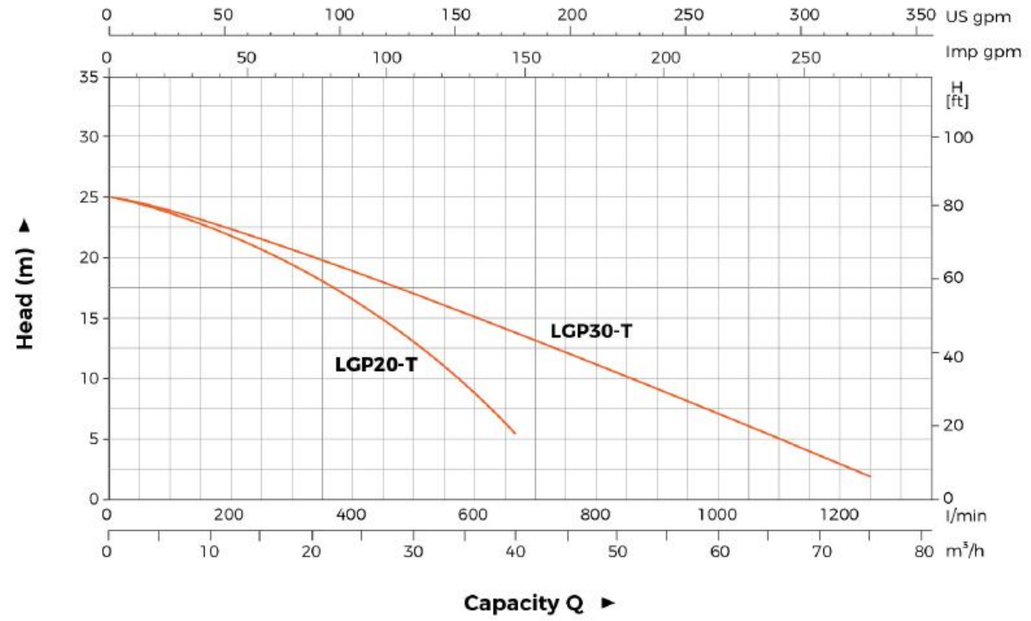
Model	Power	Fuel Tank	Engine Oil	Displacement	Engine	Q(m³/h)	0	5	10	15	20	25	30	35	40	45	55	65	75
	HP	L	L	cc		Q(l/min)	0	83.3	166.7	250	333.3	416.7	500	583.3	666.7	750	916.7	1083	1250
LGP20-T	5	2.8	0.55	163	GX160	H (m)	25	24.1	22.5	20.6	18.6	16.1	13.5	10	6	-	-	-	-
LGP30-T	9	3.2	1.1	270	GX270		25	24	23	21	19	18	16	15	14	12	9	6	2



Dimension

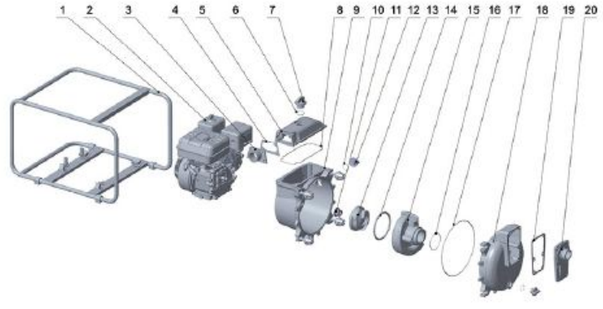
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	H1 (mm)	H2 (mm)
LGP20-T	2"	2"	675	502	446	350	385
LGP30-T	3"	3"	715	502	532.5	380	415

Hydraulic Performance Curves



Material Table

No.	Part	Material	No.	Part	Material
1	Frame	Steel	11	Mechanical seal	
2	Engine		12	Plug	
3	Outlet	Aluminum	13	Impeller	HT200
4	Seal	NBR	14	O-ring	NBR
5	Outlet cover	Aluminum	15	Diffuser	HT200
6	O-ring	NBR	16	O-ring	NBR
7	Plug		17	O-ring	NBR
8	O-ring	NBR	18	Pump body	Aluminum
9	Pump cover	Aluminum	19	Seal	
10	O-ring	NBR	20	Inlet	Aluminum



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LGP20-T	48.8	675	502	446	175
LGP30-T	63	745	542	582	128

