LGP
Gasoline Water Pump





LGP20-A-1(XR950)
LGP30-A-1(XR950)



LGP20-A-1(GX160)
LGP30-A-1(GX160)

Application

- To transfer clean 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 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

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: 50 mm / 80 mm

Engine

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

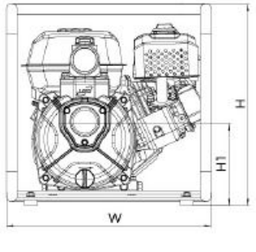
Identification Codes

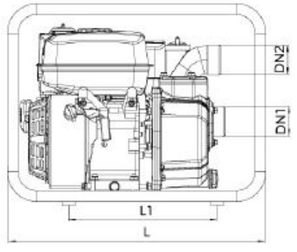
L GP 20 - A-1 (XR950)

- (XR950) — Engine
- A-1 — Symbol for Product Optimization
- 20 — Inlet/Outlet Diameter (2")
- GP — Gasoline Water 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	50	55	60
	HP	L	L	cc		Q(l/min)	0	83.3	166.7	250	333.3	416.7	500	583.3	666.7	750	833.3	916.7	1000
LGP20-A-1	6.5	3.1	0.55	196	G200	H (m)	30	28	24.5	21	16	10.5	3.5	-	-	-	-	-	-
LGP20-A-1(GX160)	5	2.8	0.58	163	GX160		30	28	24.5	21	16	10.5	3.5	-	-	-	-	-	-
LGP20-A-1(XR950)	6.5	3.1	0.6	208	XR950		30	28	24.5	21	16	10.5	3.5	-	-	-	-	-	-
LGP30-A-1	6.5	3.1	0.55	196	G200		30	29	27.5	26	24	21.7	19.5	16.9	14.4	11.6	9.2	6.4	3.5
LGP30-A-1(GX160)	5	2.8	0.58	163	GX160		30	29	27.5	26	24	21.7	19.5	16.9	14.4	11.6	9.2	6.4	3.5
LGP30-A-1(XR950)	6.5	3.1	0.6	208	XR950		30	29	27.5	26	24	21.7	19.5	16.9	14.4	11.6	9.2	6.4	3.5

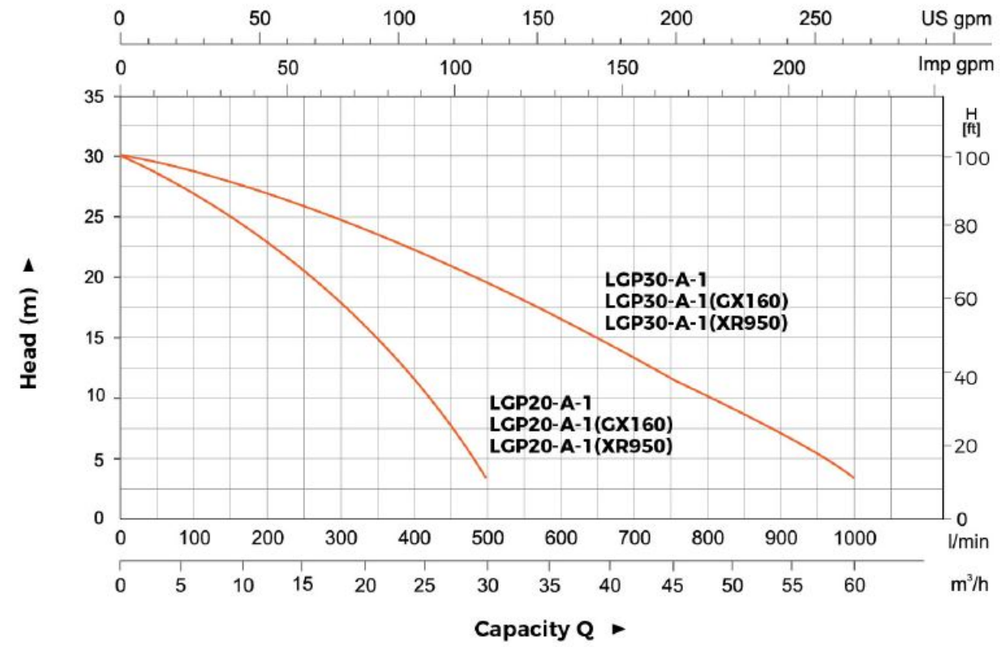




Dimension

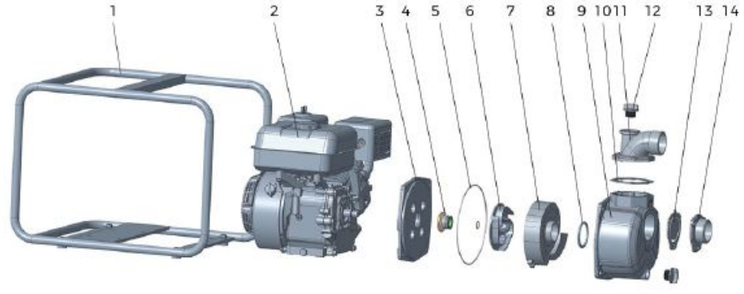
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	H1 (mm)
LGP20-A-1	2"	2"	530	420	425	181
LGP20-A-1(GX160)	2"	2"	530	420	425	181
LGP20-A-1(XR950)	2"	2"	530	420	425	190.5
LGP30-A-1	3"	3"	530	420	425	190
LGP30-A-1(GX160)	3"	3"	530	420	425	183
LGP30-A-1(XR950)	3"	3"	530	420	425	190

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Frame	Steel
2	Gasoline engine	
3	Pump cover	ADC12
4	Mechanical seal	Carbon/Ceramic
5	O-ring	NBR
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)
LGP20-A-1	24	545	435	435	245
LGP20-A-1(GX160)	24	545	435	435	245
LGP20-A-1(XR950)	25	545	435	435	245
LGP30-A-1	25.2	545	435	435	245
LGP30-A-1(GX160)	25.2	545	435	435	245
LGP30-A-1(XR950)	27.2	545	435	435	245

