LGP
Gasoline Water Pump



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

- 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

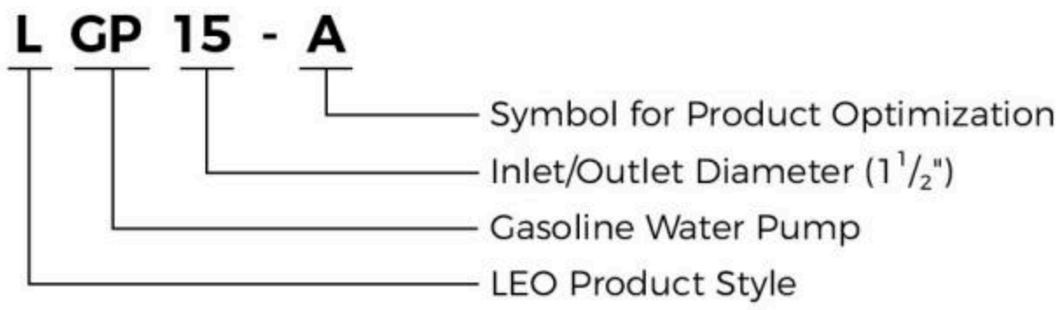
Pump

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

Engine

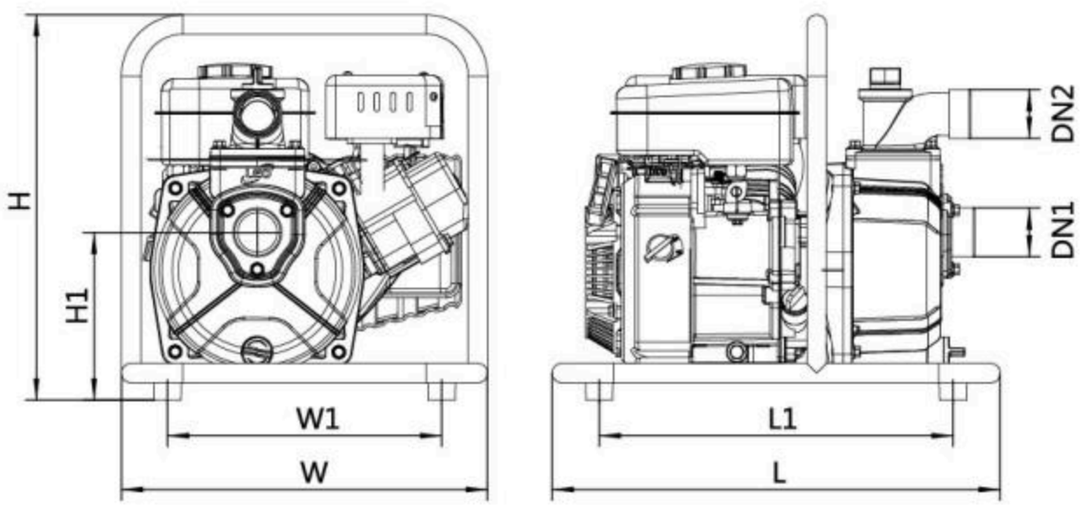
- Single cylinder, 4-stroke, Air-cooled
- Max.power: 3 HP
- Rated speed: 3600 rpm

Identification Codes



Technical Data

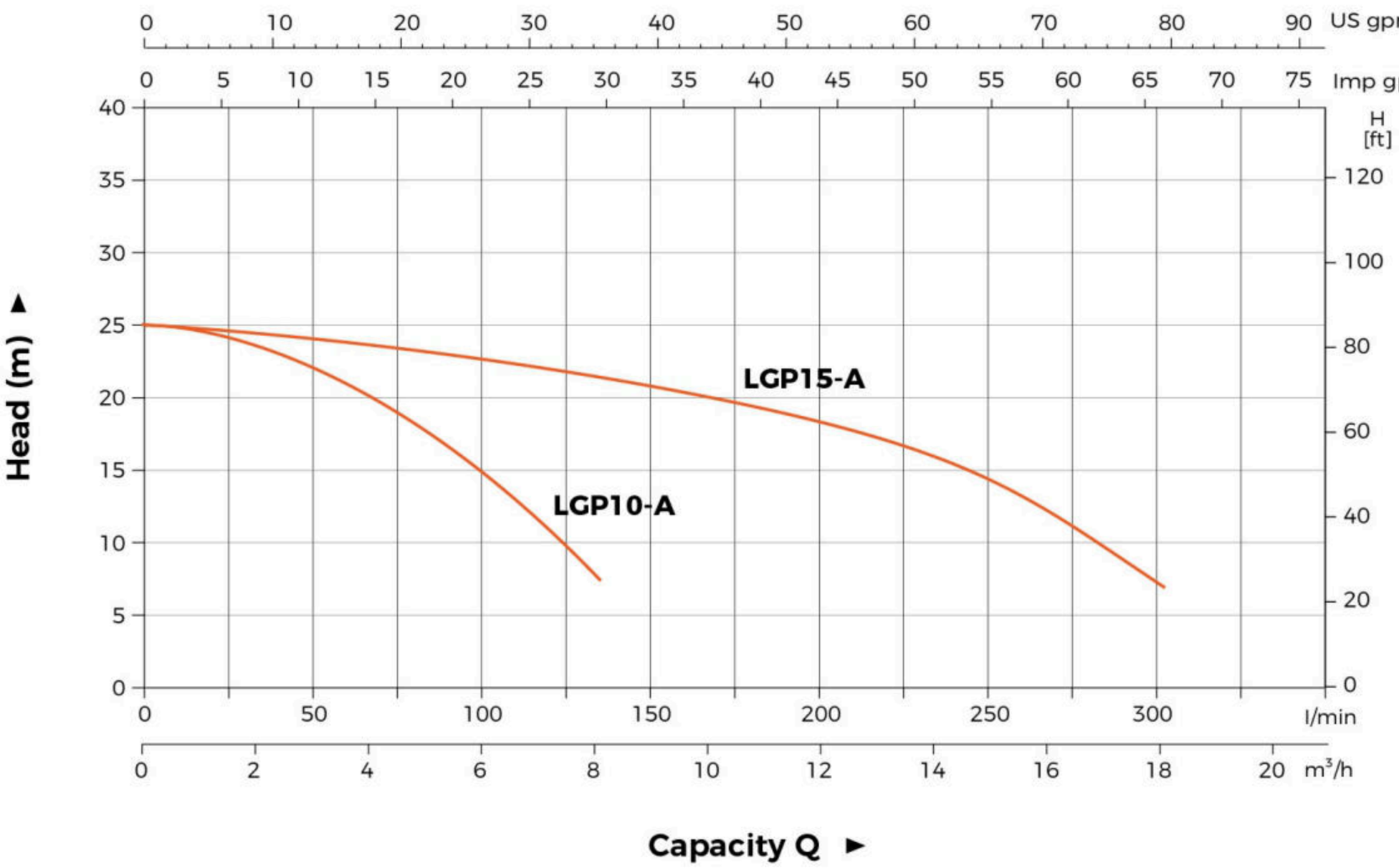
Model	Power	Fuel Tank	Engine Oil	Displacement	Engine	Q(m^3/h)	0	2	4	6	8	10	12	14	16	18
	HP	L	L	cc		Q(l/min)	0	33.3	66.7	100	133.3	166.7	200	233.3	266.7	300
LGP10-A	3	1.8	0.35	79	G79	H (m)	25	24	20.2	15	7.5	-	-	-	-	-
LGP15-A	3	1.8	0.35	79	G79		25	24.5	24	23	22	20	17	15	12	7.2



Dimension

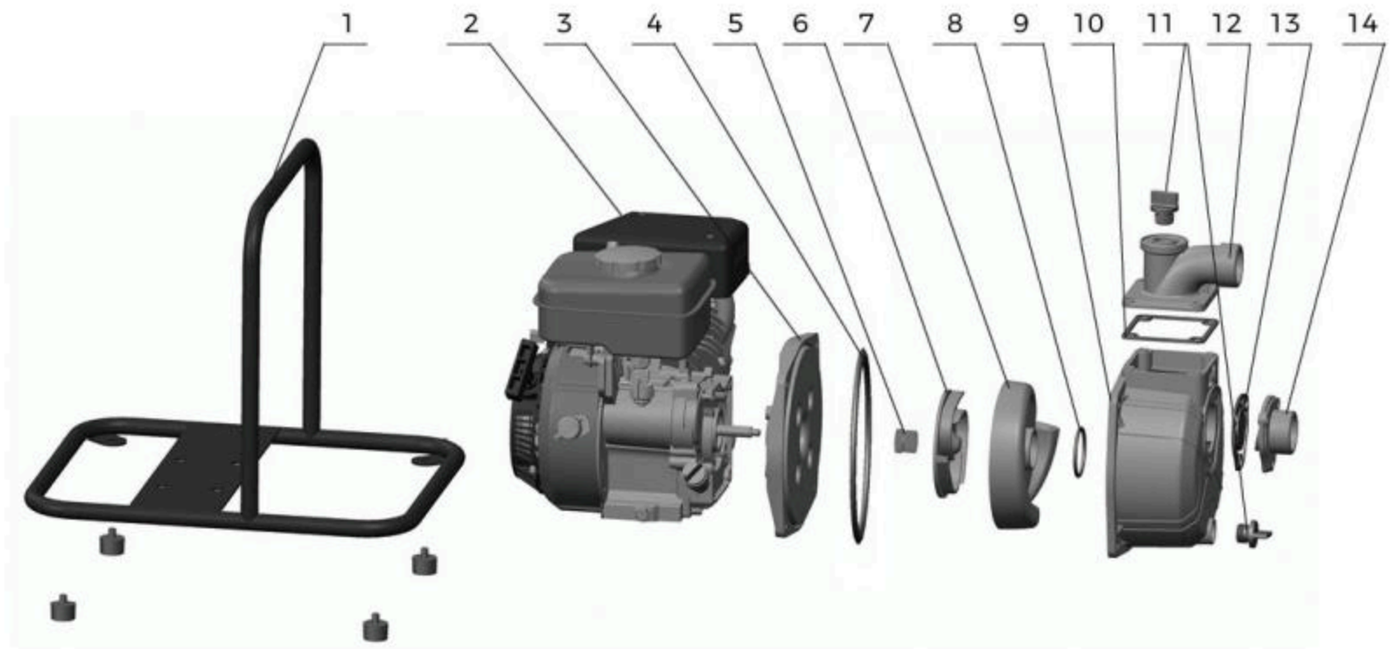
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
LGP10-A	1"	1"	438	380	377	346	268	158
LGP15-A	1 1/2"	1 1/2"	438	380	377	346	268	164.2

Hydraulic Performance Curves



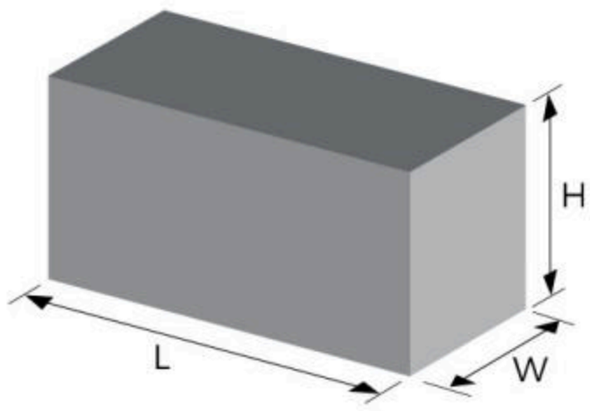
Material Table

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	PP
12	Outlet	Aluminum
13	Non-return valve	NBR
14	Inlet	Aluminum



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
LGP10-A	13	464	378	400	330
LGP15-A	14.5	464	378	400	330



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

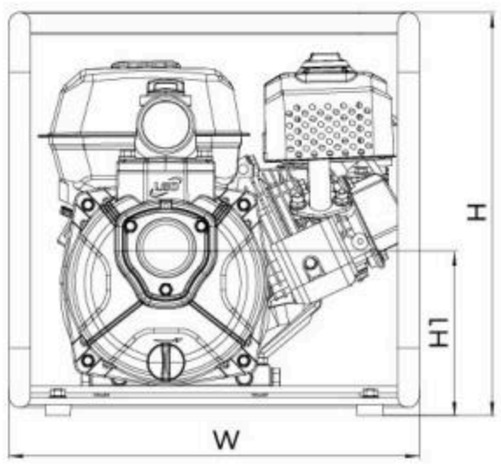
Identification Codes

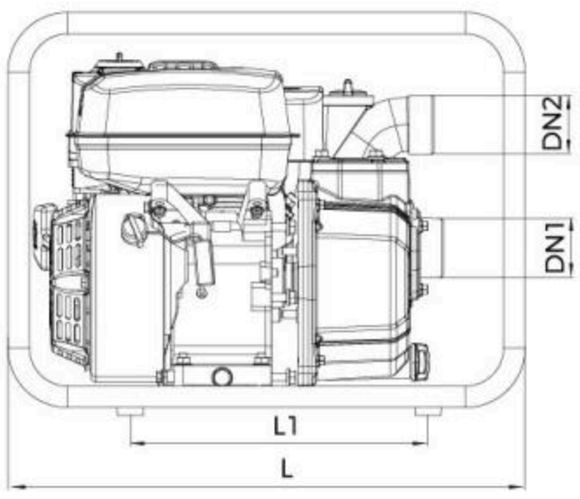
L GP 20 - A-1 (XR950)

- (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

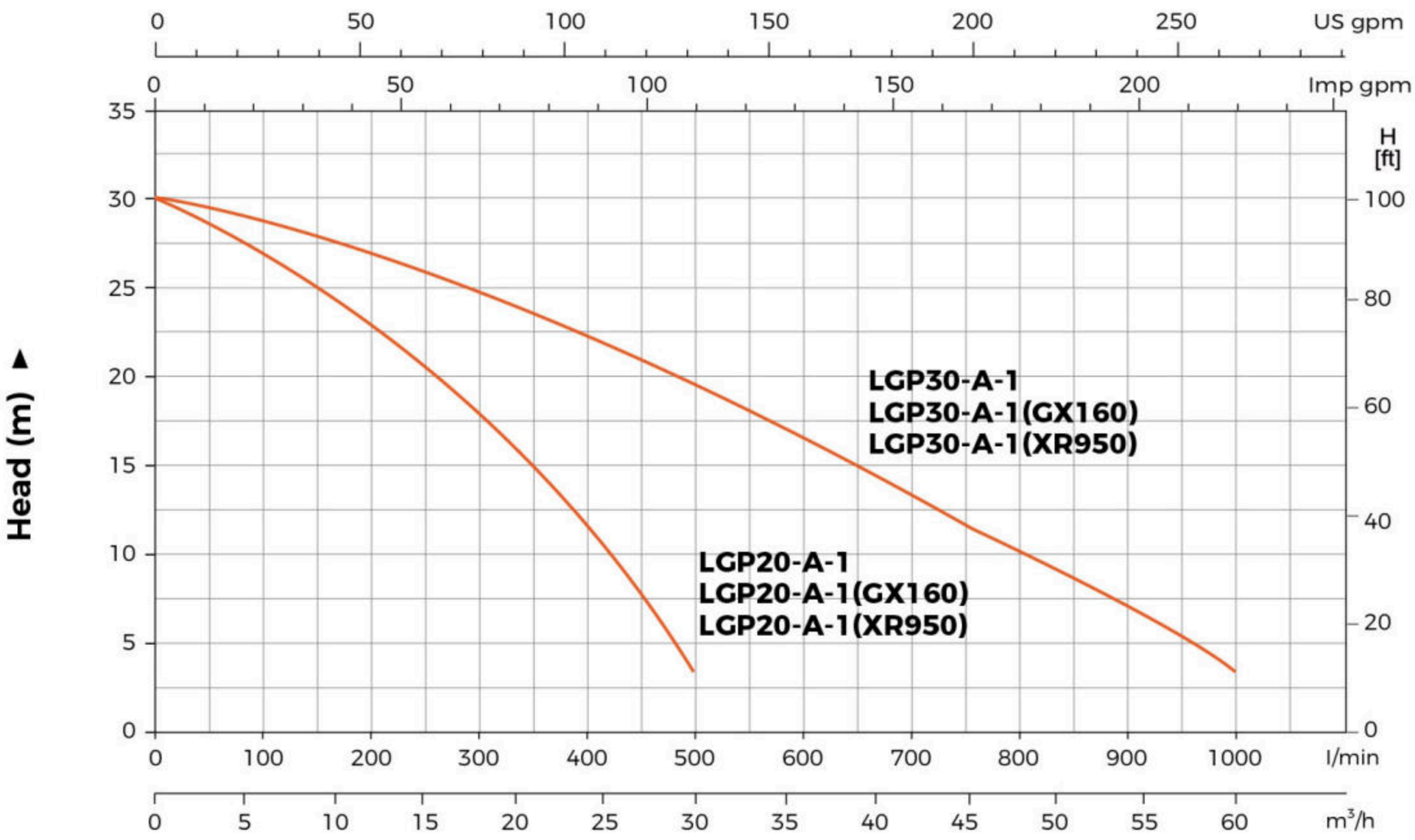




Dimension

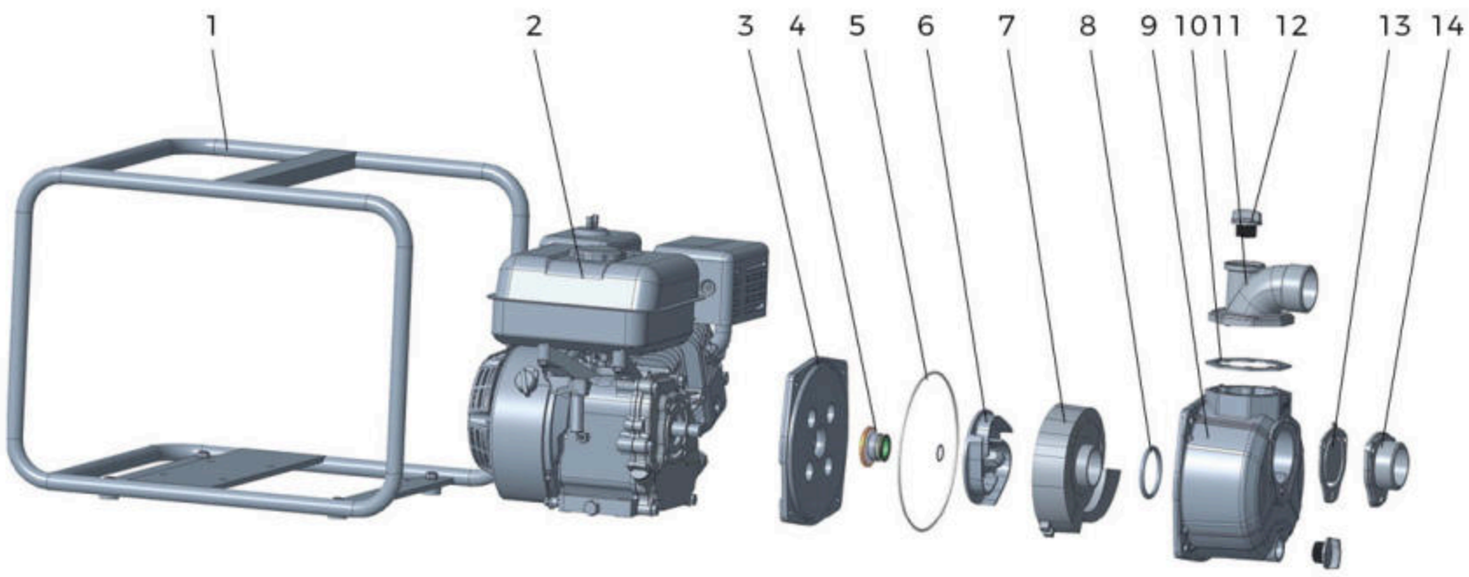
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	H1 (mm)
LGP20-A-1	2"	2"	530	420	425	181
LGP20-A-1(GX160)	2"	2"	530	420	425	181
LGP20-A-1(XR950)	2"	2"	530	420	425	190.5
LGP30-A-1	3"	3"	530	420	425	190
LGP30-A-1(GX160)	3"	3"	530	420	425	183
LGP30-A-1(XR950)	3"	3"	530	420	425	190

Hydraulic Performance Curves



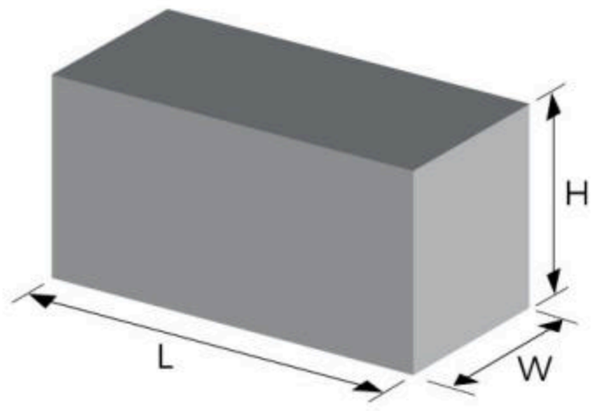
Material Table

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



LGP
Gasoline Water Pump



LGP20-H(XR950)
LGP20-2H(XR950)

LGP20-H(GX200)
LGP20-2H(GX200)

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.
- 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 equiped with low engine oil shut off system

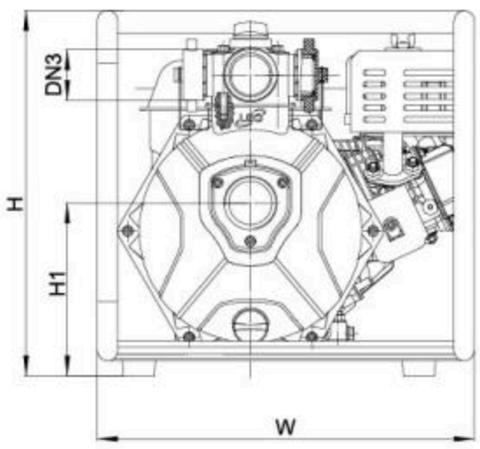
Identification Codes

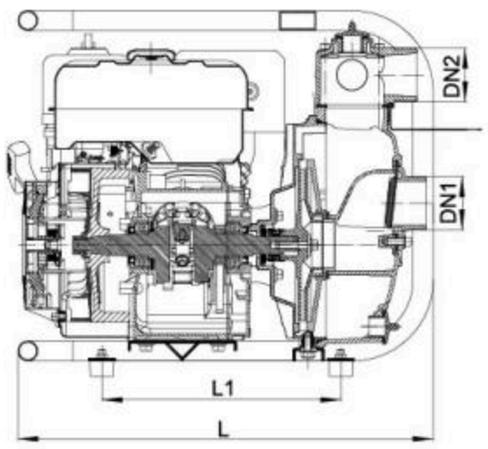
L GP 20 - H (GX200)

- Engine
- High Head
- Inlet/Outlet Diameter
- Gasoline Water Pump
- LEO Product Style

Technical Data

Model	Power	Fuel Tank	Engine Oil	Displacement	Engine	Q(m^3/h)	0	5	10	15	20	25	30
	HP	L	L	cc		Q(l/min)	0	83.3	166.7	250	333.3	416.7	500
LGP20-H	6.5	3.1	0.55	196	G200	H (m)	60	56.5	51.5	44.5	35	20	5
LGP20-H(GX200)	6.5	2.8	0.58	196	GX200		60	56.5	51.5	44.5	35	20	5
LGP20-2H	6.5	3.1	0.55	196	G200		80	72.5	62.5	45	5	-	-
LGP20-2H(GX200)	6.5	2.8	0.58	196	GX200		80	72.5	62.5	45	5	-	-
LGP20-H(XR950)	6.5	3.1	0.6	208	XR950		60	55.2	50	41	15	-	-
LGP20-2H(XR950)	6.5	3.1	0.6	208	XR950		80	72.5	62.5	45	5	-	-

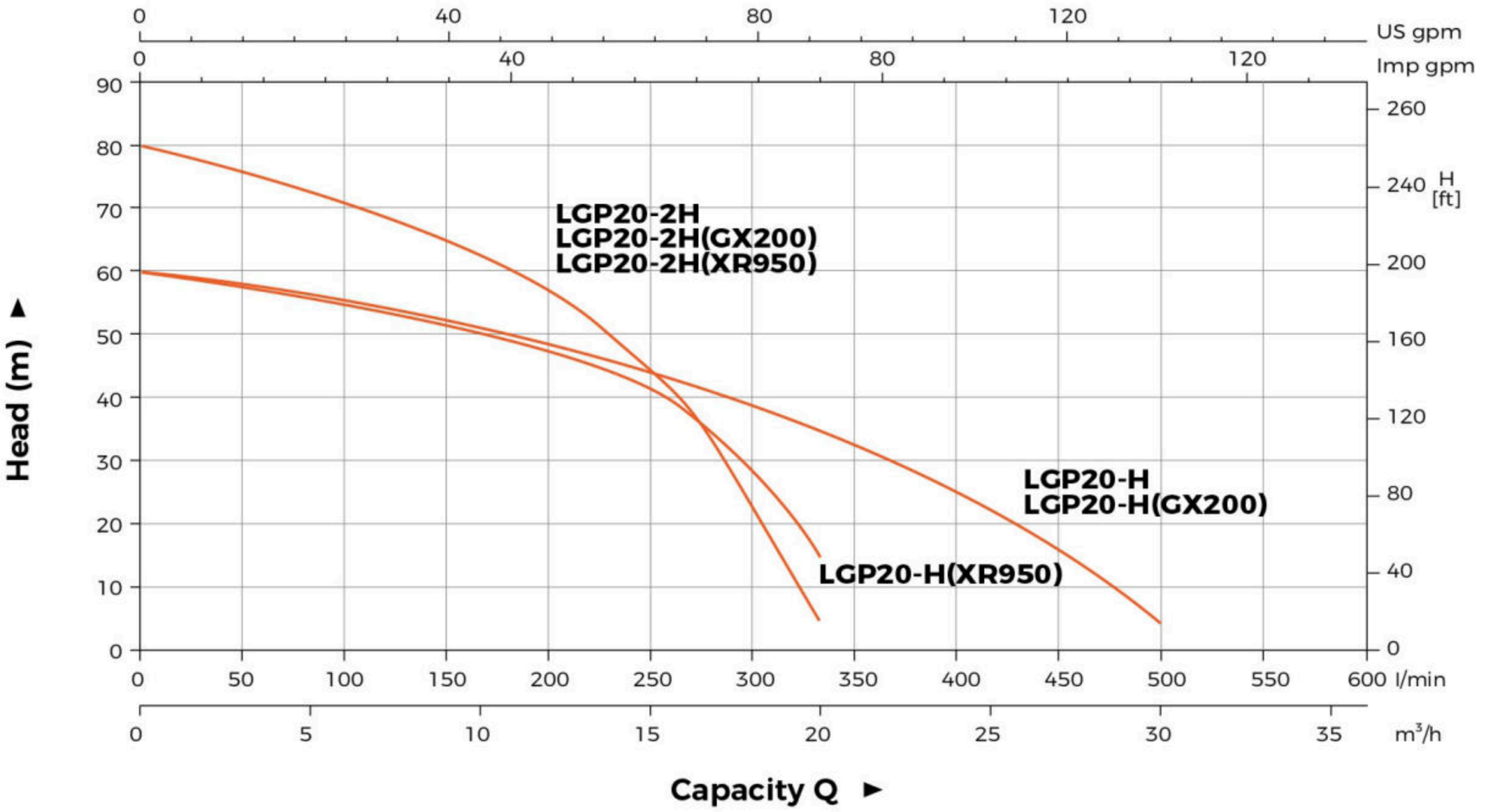




Dimension

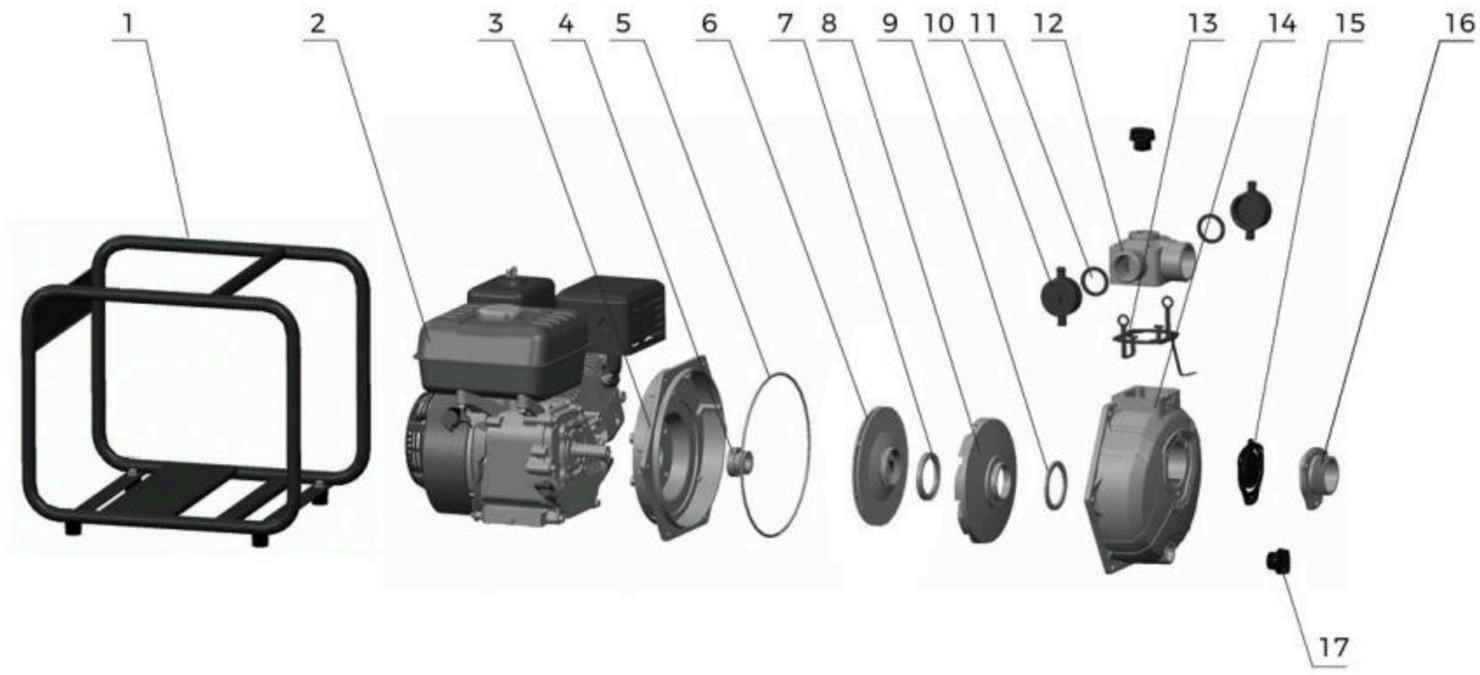
Model	DN1	DN2	2xDN3	L (mm)	W (mm)	H (mm)	H1 (mm)
LGP20-H	2"	2"	1.5"	463	398	406	200
LGP20-H(GX200)	2"	2"	1.5"	530	420	425	192.2
LGP20-2H	2"	2"	1.5"	463	398	406	200
LGP20-2H(GX200)	2"	2"	1.5"	530	420	425	192.2
LGP20-H(XR950)	2"	2"	1.5"	530	420	425	190
LGP20-2H(XR950)	2"	2"	1.5"	530	420	425	190

Hydraulic Performance Curves



Material 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	Gasket	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	23.22	470	412	432	305
LGP20-H(GX200)	25.5	545	435	465	196
LGP20-2H	23.24	470	412	432	305
LGP20-2H(GX200)	27	545	435	465	196
LGP20-H(XR950)	27.2	545	435	465	196
LGP20-2H(XR950)	28.2	545	435	465	196

