

LDP-A Heat engine pump diesel



Application

- Transfer of clean water at a temperature between 0 and 40 ° C
- Usable for water supply and drainage for factories, mines, public facilities as well as for irrigation

Pompe

- New unique and ergonomic design
- High HMT pump series thanks to highly efficient LEO hydraulics
- High-quality, low-consumption 4-stroke diesel engine
- Portable, reliable and compact pump frame
- Specific long life mechanical seal
- Choice of outlet fittings
- Anti-rust cast iron turbine and diffuser
- Maximum suction up to 5 m
- Suction / delivery: 2"/3"

Moteur

- Single cylinder, 4-stroke, air-cooled
- Maximum power 3.8 CV/5.4 CV
- Engine cylinder capacity: 219 cm³/306 cm³
- Rotation speed: 3600 rpm

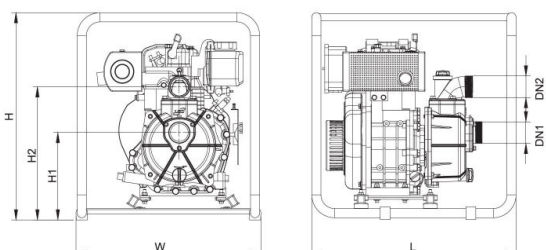
Identification codes

L	DP	20	A	
				characteristics
				inlet/outlet Ø (")
				Heat engine pump diesel
				LEO designation

Technical data

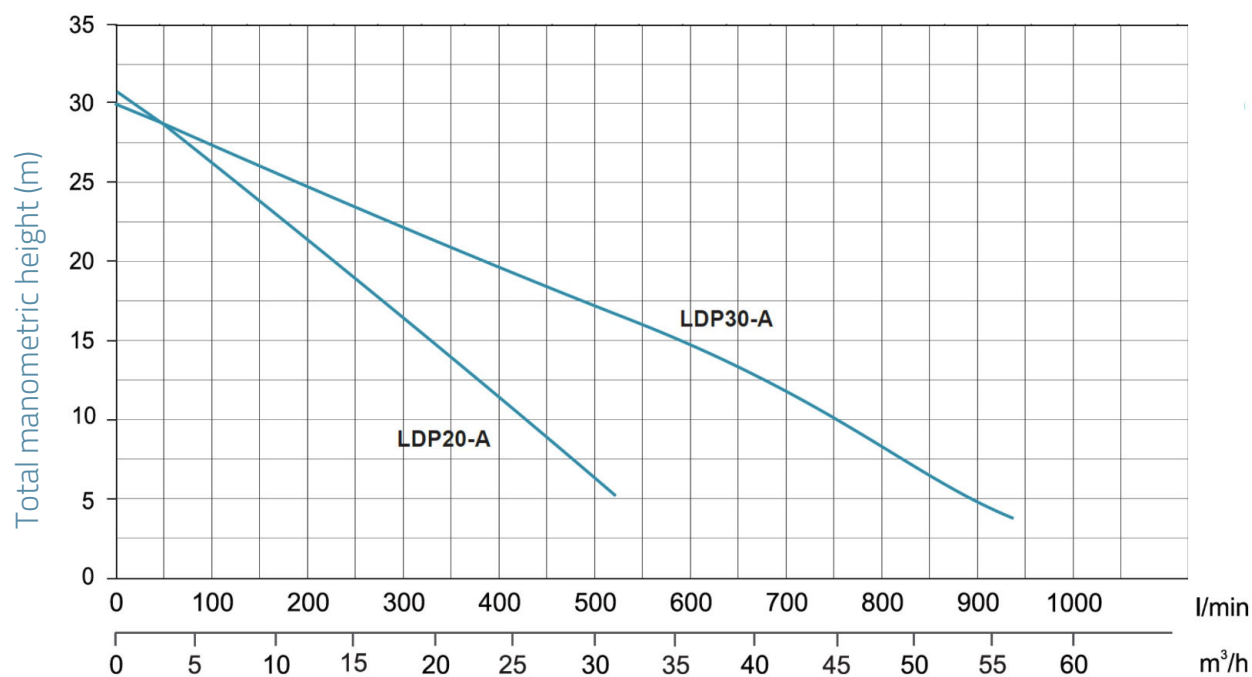
		Q (m³/h)	0	5	10	15	20	25	30	35	40	45	50	55
MODEL	kW	Q (l/min)	0	83	167	250	333	417	500	583	667	750	833	917
LDP20-A	2.8		31	27	23	18.4	15	10	5.9					
LDP30-A	2.8		30	27	26.5	24.1	21.4	19.3	16.7	15.8	13.5	11	8	4.8

Dimensions



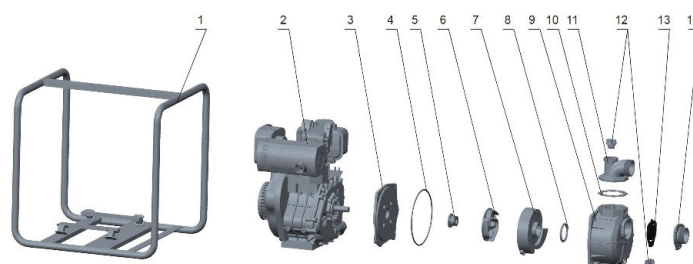
MODEL	DN1	DN2	L	W	H	H1	H2
LDP20-A	2	2	470	427	536	225	362
LDP30-A	3	3	470	427	536	230	380

Hydraulic performance



Exploded view

No.	Type	Materials
1	Frame	steel
2	Engine	
3	Pump cover	aluminium
4	O-ring	nitrile rubber (NBR)
5	Mechanical seal	carbon / ceramic
6	Impeller	cast iron HT200
7	Diffuser	cast iron HT200
8	O-ring	nitrile rubber (NBR)
9	Pump body	aluminium
10	Seal	nitrile rubber (NBR)
11	Outlet fitting	aluminium
12	Plug	ABS
13	Non-return valve	nitrile rubber (NBR)
14	Inlet fitting	aluminium



Packaging

MODEL	Weight (kg)	Length L (mm)	Width W (mm)	Height H (mm)
LDP20-A	35.14	485	435	580
LDP30-A	49	485	435	580

