

Connectors on request



Application

It is widely used for

- Pressure boosting for domestic water supply
- Floor heating system
- Solar pumping system

Pump

- Automatic pressure boosting
- Anti-rust cast iron pump body
- Noryl impeller with heat resistance up to 150℃
- 95% alumina ceramic shaft
- Liquid temperature: 2℃ ~ 60℃

Motor

- Insulation class: H
- Enclosures class: IP42
- 99% alumina ceramic bearing
- Copper winding

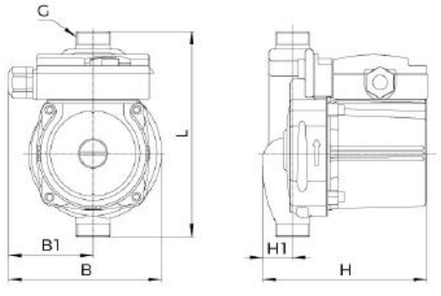
Identification Codes

LRP 15-90 A / 160

- 160 — Distance between inlet and outlet (mm)
- A — Automatic Operation
- 90 — Max. Head (dm)
- 15 — Nominal diameter of suction and discharge ports (mm)
- LRP — LEO Booster/Circulation Pump

Technical Data

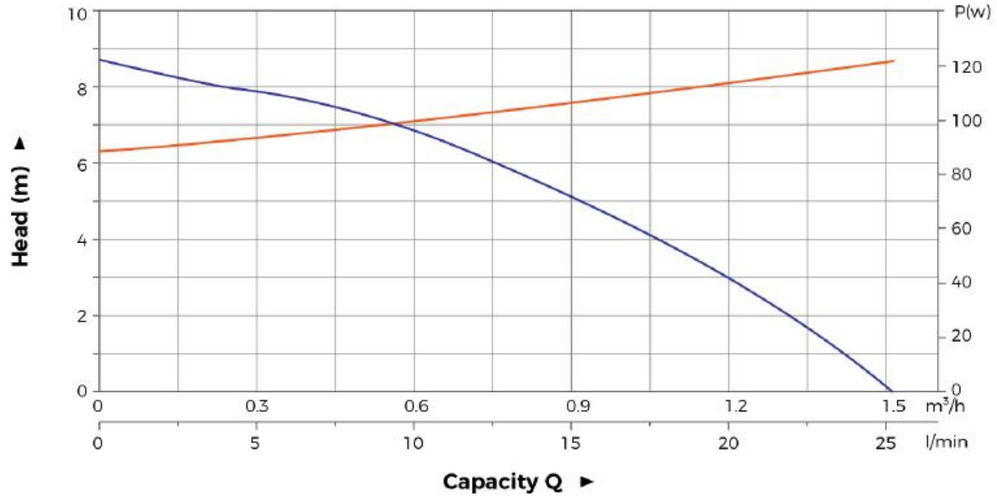
Model	Voltage/ Frequency	Power (W)	Current (A)	Max.Flow (l/min)	Max.Head (m)	N.W. (kgs)	G.W. (kgs)	Packing Size (mm)
LRP15-90A/160	1~230V/50Hz	120	0.54	25	8.5	2.72	2.74	195x150x140



Dimension

Model	L (mm)	B (mm)	B1 (mm)	H (mm)	H1 (mm)	G
LRP15-90A/160	160	120	70	130	25	G3/4

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Rotor	
2	Thrust bearing adjusting mat	Noryl
3	Thrust ring support	Silicon rubber
4	Bushings	Graphite
5	Front bearing	Alumina
6	Pump support cover	Stainless steel
7	Check ball	Silicon rubber
8	Impeller	PPO
9	Pump body	Cast iron/Brass
10	Pump body insert	Stainless steel
11	Body gasket	
12	Rear bearing	HT200
13	Can brg asm	Stainless steel
14	Can brg asm seal	Silicon rubber
15	Stator cover(front)	PA66
16	Stator sleeve	
17	Stator cover(back)	PA66
18	Housing	ADC12
19	Cable outlet nut	ABS
20	Button	ABS
21	Terminal box	PA6
22	Regulation switch	
23	Capacitor	
24	Terminal cover	ABS
25	Flow switch assembly	

