



CIRCULATION BOOSTER PUMP

INTELLIGENT FLOW FOR GOOD

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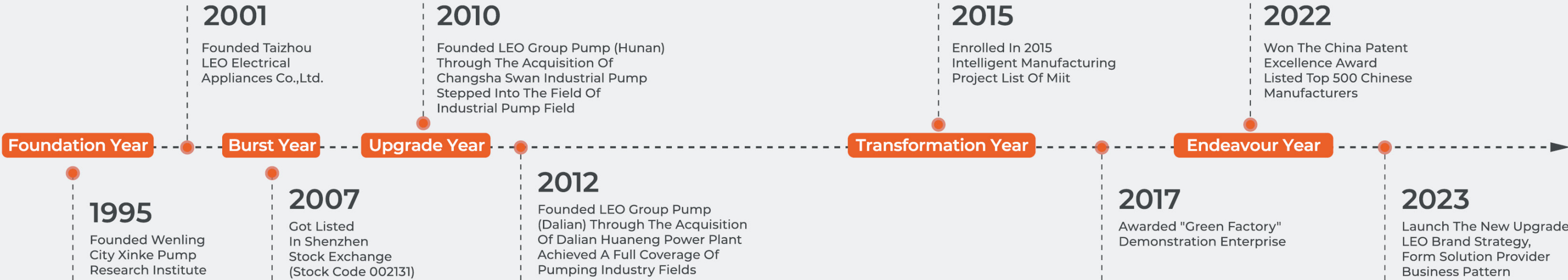


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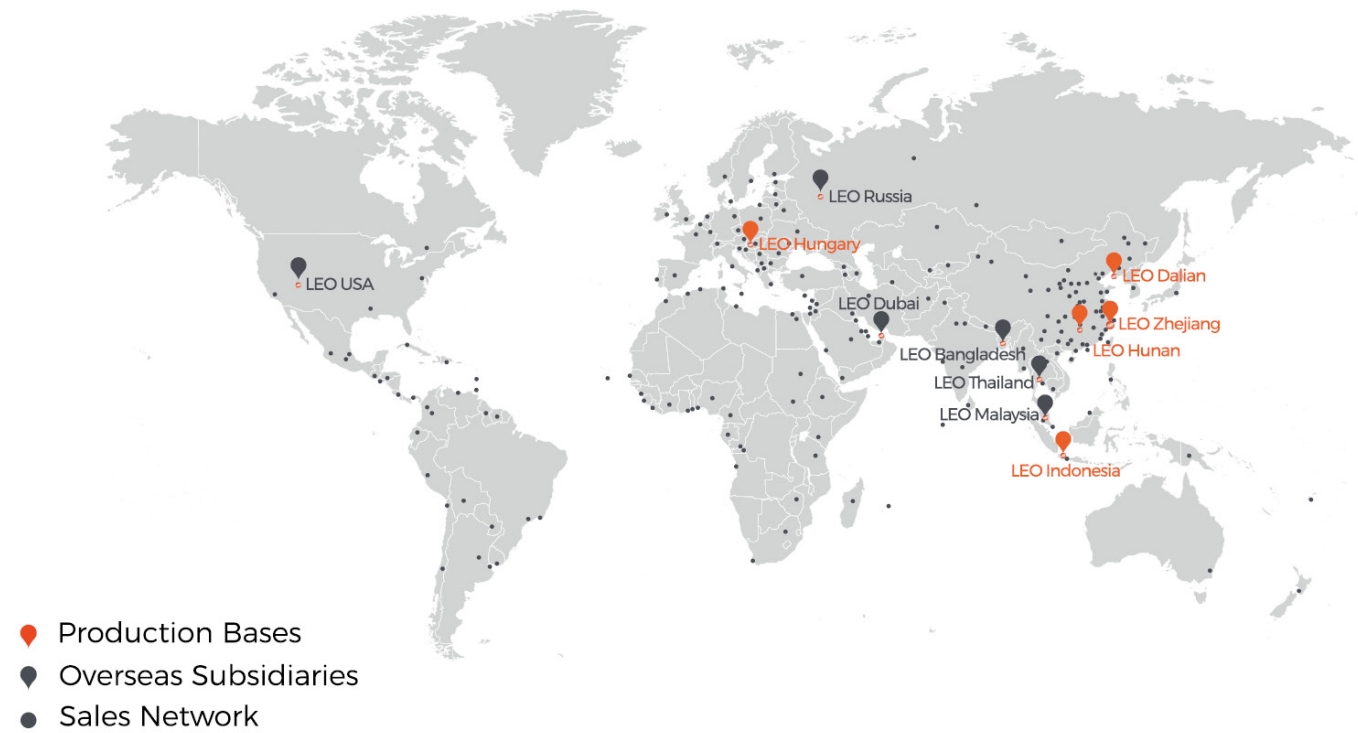


Intelligent Flow For Good

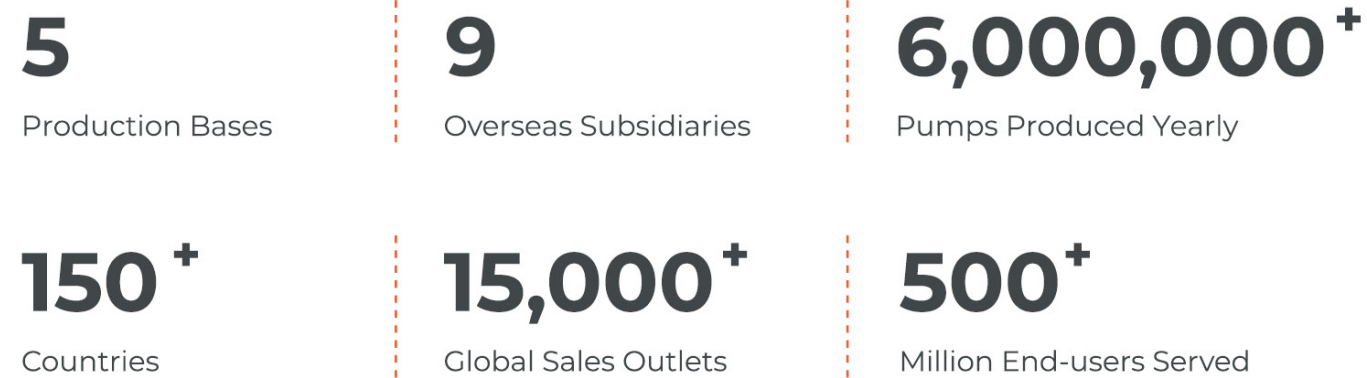
As a reliable partner on intelligent fluid solutions, LEO Pump is engaged in R&D, manufacturing, sales and service of all series pumps and systems. By covering the industry of building, municipal, water conservation, power, energy, OEM, domestic and garden, Leo is committed to bring the intelligent water into every industry field and application, helping people around the world enjoy high quality water life, government and business partners achieve green transformation, and promoting high quality economic growth and sustainable social development.



LEO WORLD



LEO IN NUMBERS



QUALITY MANAGEMENT SYSTEM

- ISO9001:2015 Quality management system
- ISO14001:2015 Environmental management system Certificate
- ISO45001:2018 Occupational health & safety Management system certification
- ISO50001: 2018 Energy management system certificate
- CE. GS. UL. CSA and ETL qualification





Application

- It is widely used for heating ventilating and air conditioning (HVAC) circulation, pressure boosting of hot water in family, homes powered by solar energy, industrial auxiliary equipment cold and hot water circulation and so forth
- Water circulation for the central and district heating system
- Domestic hot water circulation

Pump

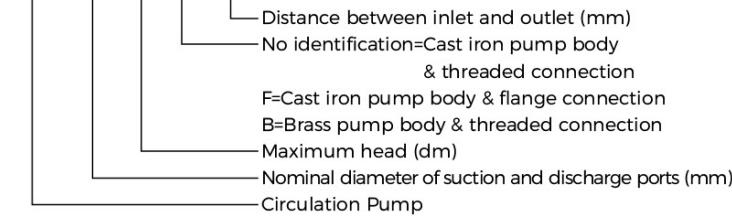
- Brass or anti-rust cast iron pump body
- Noryl impeller with heat resistance up to 150°C
- 95% alumina ceramic shaft
- Liquid temperature: 2°C - 110°C

Motor

- Insulation class: H
- Enclosures class: IP44
- 99% alumina ceramic bearing
- Copper winding
- Three speed motor

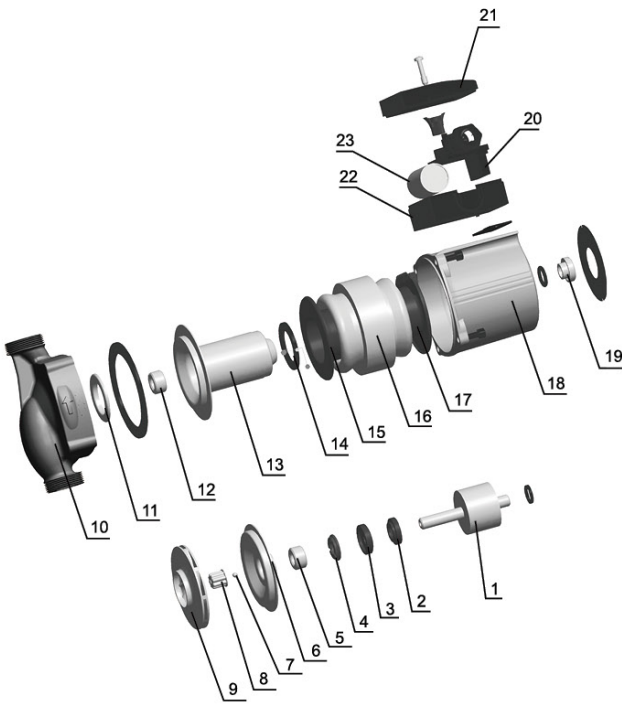
Identification Codes

LRP 15-50 B/130



Material Table

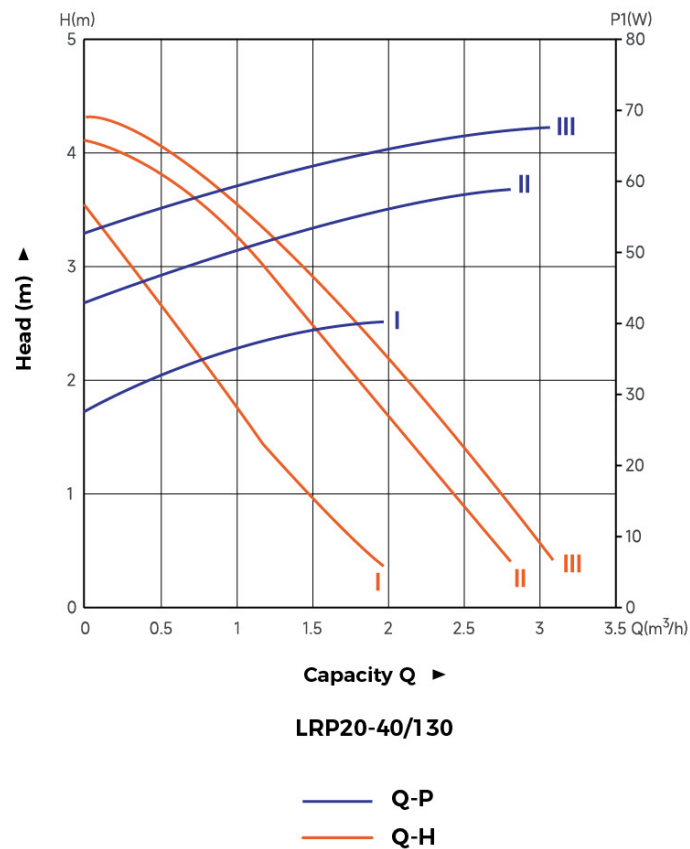
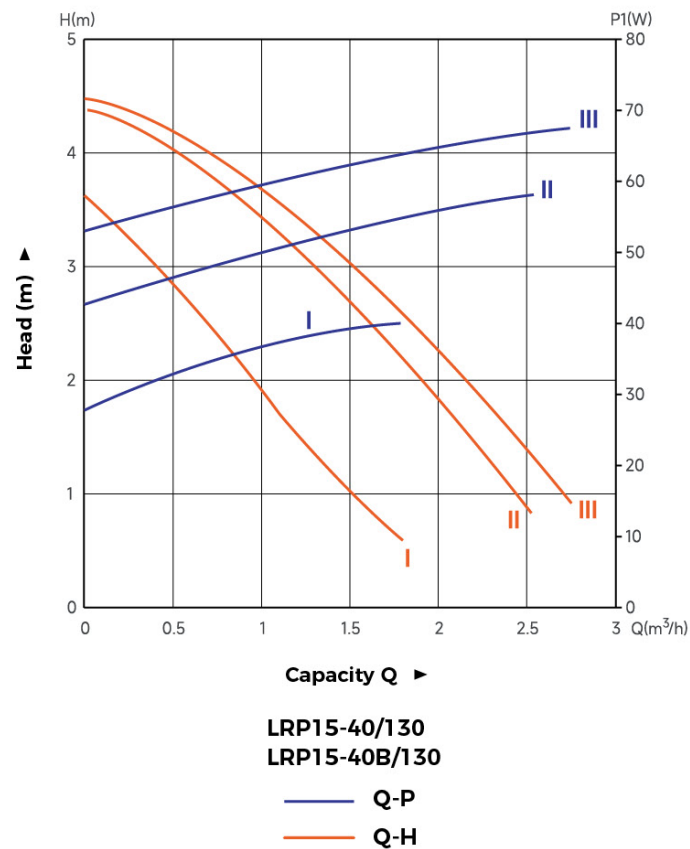
No.	Part	Material
1	Rotor	
2	Thrust bearing adjusting mat	Noryl
3	Thrust ring support	Silicon rubber
4	Bushings	Graphite
5	Front bearing	Alumina
6	Pump support cover	Stainless steel
7	Check ball	Silicon rubber
8	Locking	Stainless steel
9	Impeller	PPO
10	Pump body	Cast iron/Brass
11	Pump body insert	Stainless steel
12	Back bearing	Alumina
13	Can brg asm	Stainless steel
14	Can brg asm seal	Silicon rubber
15	Stator cover(front)	PA66
16	Stator	
17	Stator cover(back)	PA66
18	Housing	ADC12
19	Drain plug	Copper
20	Speed regulation board	
21	Terminal cover	ABS
22	Terminal box	PC
23	Capacitor	



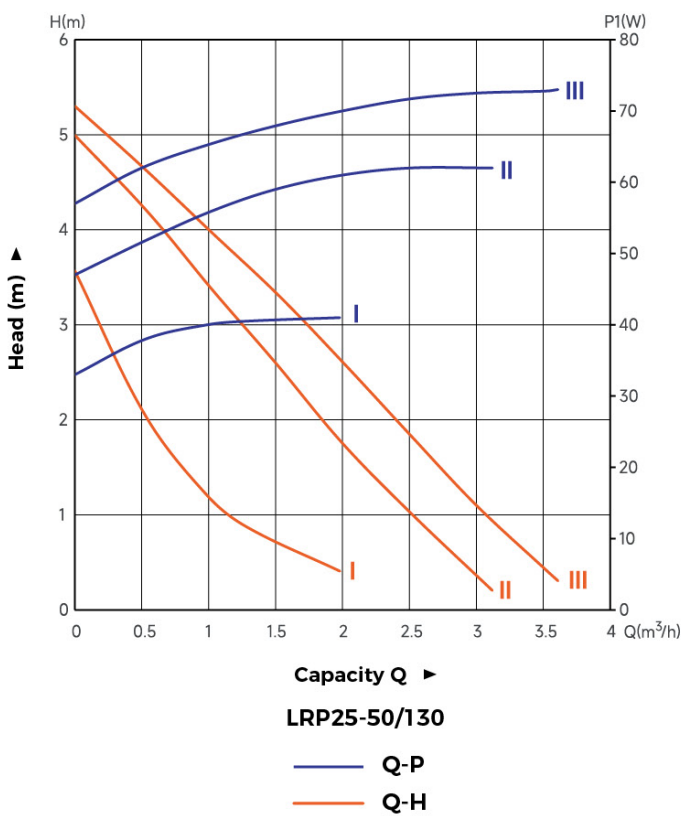
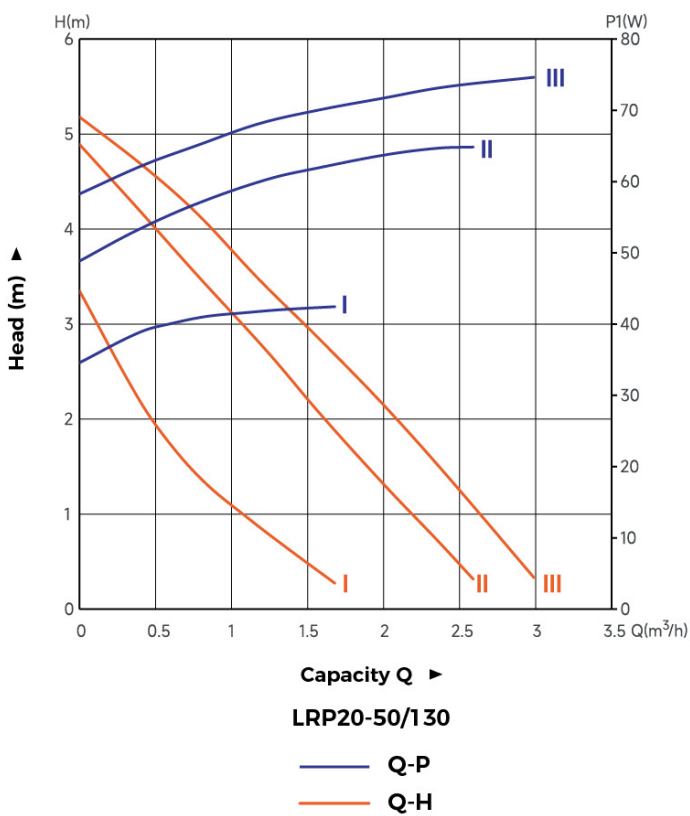
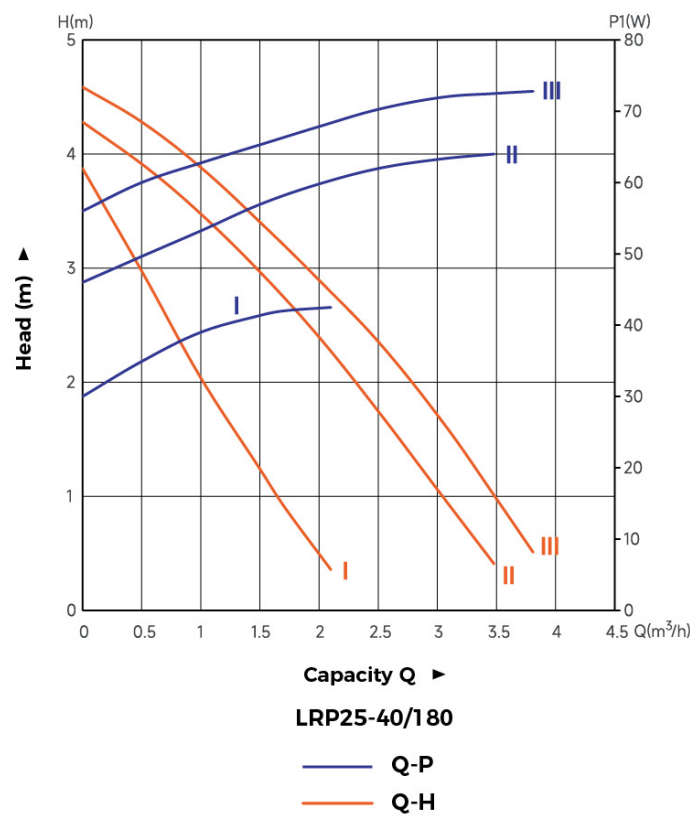
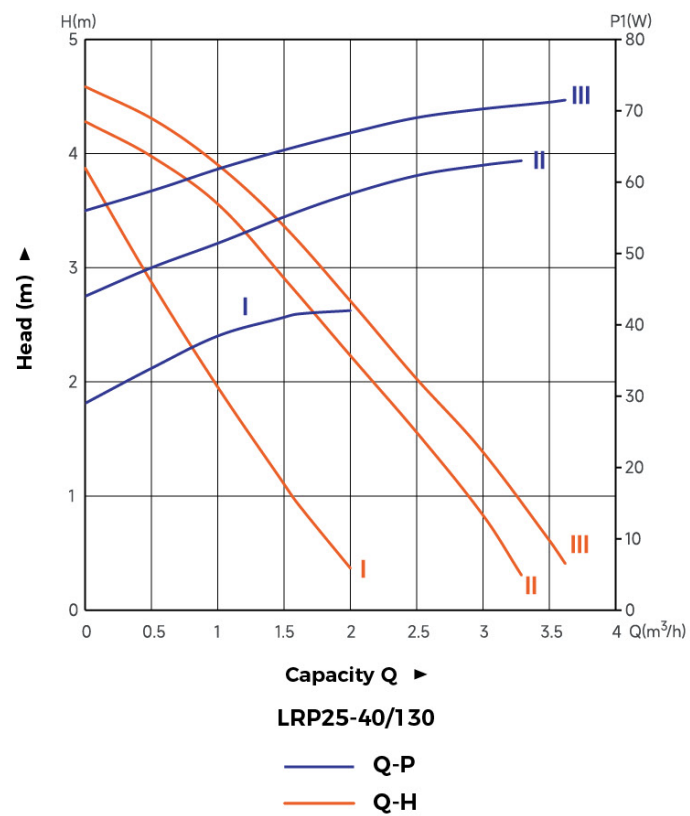
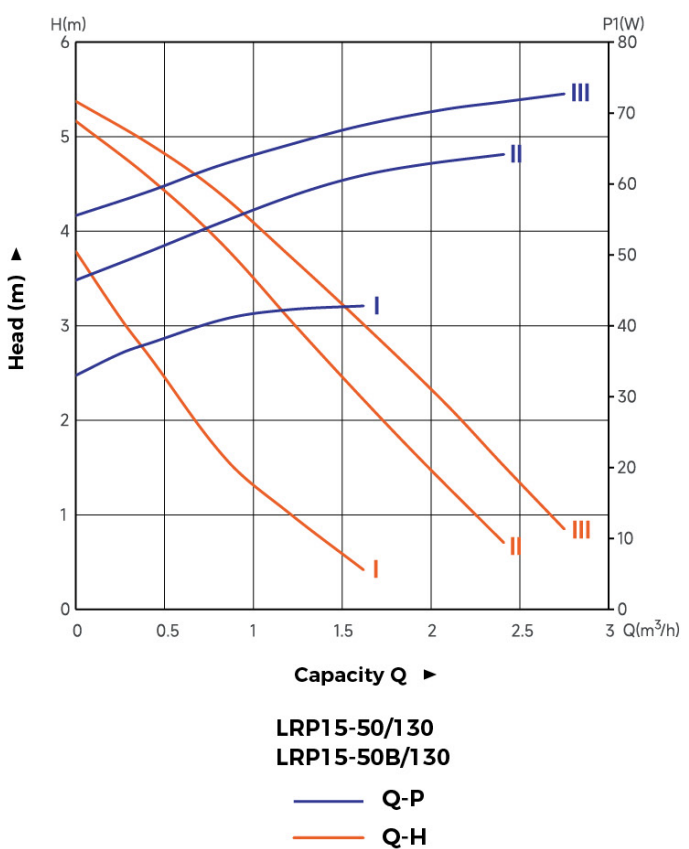
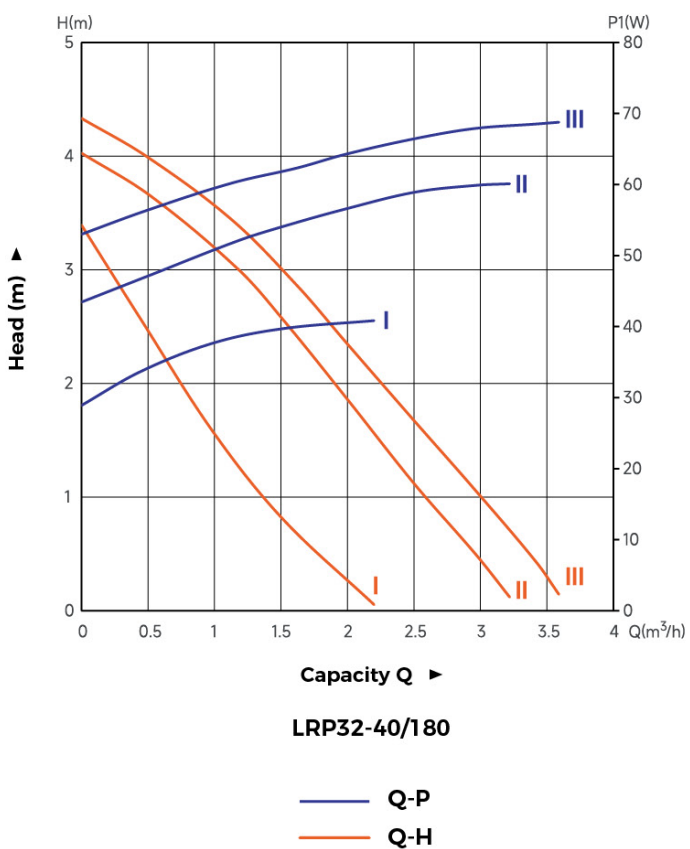
Technical Data

Model	Voltage /Frequency (V/Hz)	Power(W)			Current (A)			Max. Flow(m³/h)			Max.Head(m)			N.W. (kgs)	G.W. (kgs)	Packing Size (mm)
		III	II	I	III	II	I	III	II	I	III	II	I			
LRP15-40/130	220-240/50Hz	74	54	34	0.34	0.24	0.16	2.7	2.5	1.7	4.4	4	3.6	2.32	2.45	165x150x140
LRP15-40B/130	220-240/50Hz	74	54	34	0.34	0.24	0.16	2.7	2.5	1.7	4.4	4	3.6	2.41	2.54	165x150x140
LRP20-40/130	220-240/50Hz	74	54	34	0.34	0.24	0.16	3.0	2.8	1.8	4.3	4	3.5	2.37	2.50	165x150x140
LRP25-40/130	220-240/50Hz	74	54	34	0.34	0.24	0.16	3.6	3.2	2.0	4.5	4.2	3.8	2.44	2.57	165x150x140
LRP25-40/180	220-240/50Hz	74	54	34	0.34	0.24	0.16	3.8	3.4	2.1	4.5	4.2	3.8	2.55	2.71	195x150x140
LRP32-40/180	220-240/50Hz	74	54	34	0.34	0.24	0.16	3.6	3.2	2.2	4.3	4	3.4	2.73	2.89	195x150x140
LRP15-50/130	220-240/50Hz	85	60	40	0.37	0.26	0.18	2.7	2.5	1.7	5.3	5	3.7	2.32	2.45	165x150x140
LRP15-50B/130	220-240/50Hz	85	60	40	0.37	0.26	0.18	2.7	2.5	1.7	5.3	5	3.7	2.41	2.54	165x150x140
LRP20-50/130	220-240/50Hz	85	60	40	0.37	0.26	0.18	3.0	2.6	1.7	5	4.8	3.3	2.37	2.50	165x150x140
LRP25-50/130	220-240/50Hz	85	60	40	0.37	0.26	0.18	3.6	3.2	2.0	5.3	5	3.6	2.44	2.57	165x150x140
LRP25-50/180	220-240/50Hz	85	60	40	0.37	0.26	0.18	3.8	3.2	2.1	5.2	4.9	3.2	2.55	2.71	195x150x140
LRP32-50/180	220-240/50Hz	85	60	40	0.37	0.26	0.18	3.8	3.3	2.1	5.2	4.8	3.7	2.73	2.89	195x150x140
LRP15-60/130	220-240/50Hz	96	69	45	0.43	0.31	0.2	2.7	2.5	1.7	6	5.8	4.2	2.32	2.45	165x150x140
LRP15-60B/130	220-240/50Hz	96	69	45	0.43	0.31	0.2	2.7	2.5	1.7	6	5.8	4.2	2.41	2.54	165x150x140
LRP20-60/130	220-240/50Hz	96	69	45	0.43	0.31	0.2	3.2	2.8	1.8	6	5.4	4.2	2.37	2.50	165x150x140
LRP25-60/130	220-240/50Hz	96	69	45	0.43	0.31	0.2	3.8	3.3	2.0	6	5.7	4.7	2.44	2.57	165x150x140
LRP25-60/180	220-240/50Hz	96	69	45	0.43	0.31	0.2	4.0	3.6	2.1	6	5.7	4.7	2.55	2.71	195x150x140
LRP32-60/180	220-240/50Hz	96	69	45	0.43	0.31	0.2	4.0	3.6	2.2	5.8	5.5	4.1	2.73	2.89	195x150x140
LRP25-70/130	220-240/50Hz	150	130	105	0.66	0.6	0.5	4.0	3.0	2.2	6.3	6	5.2	2.45	2.61	165x150x140
LRP25-70/180	220-240/50Hz	150	130	105	0.66	0.6	0.5	4.0	3.0	2.2	6.3	6	5.2	2.57	2.73	195x150x140
LRP32-70/180	220-240/50Hz	150	130	105	0.66	0.6	0.5	4.0	3.0	2.0	6.3	6	5.2	2.75	2.91	195x150x140
LRP25-80/180	220-240/50Hz	200	190	160	0.86	0.85	0.73	7.2	6.0	3.2	7.1	6.5	5.5	4.23	4.57	196x196x160
LRP25-120/180	220-240/50Hz	270	245	160	1.2	1.1	0.72	4.0	2.3	1.4	11.5	10	6.3	4.62	4.96	196x196x160
LRP32-80/180	220-240/50Hz	270	245	160	1.2	1.1	0.72	10.0	6.0	3.6	7.3	6.7	5.4	4.75	5.09	196x196x160
LRP32-80F/220	220-240/50Hz	270	245	160	1.2	1.1	0.72	10.2	6.8	3.9	7.3	6.7	5.4	7.57	8	235x181x207
LRP36-80F/200	220-240/50Hz	270	245	160	1.2	1.1	0.72	10.2	6.8	3.9	7.3	6.7	5.4	5.98	6.36	214x170x190
LRP40-80F/250	220-240/50Hz	270	245	160	1.2	1.1	0.72	10.2	6.8	3.9	7.3	6.7	5.4	8.27	8.74	264x186x212
LRP20-180	220-240/50Hz	450			2.2			4.6			18			8.2	9.5	470x390x265
LRP20-180/220	220-240/50Hz	450			2.2			4.6			18			8.3	9.7	470x390x265

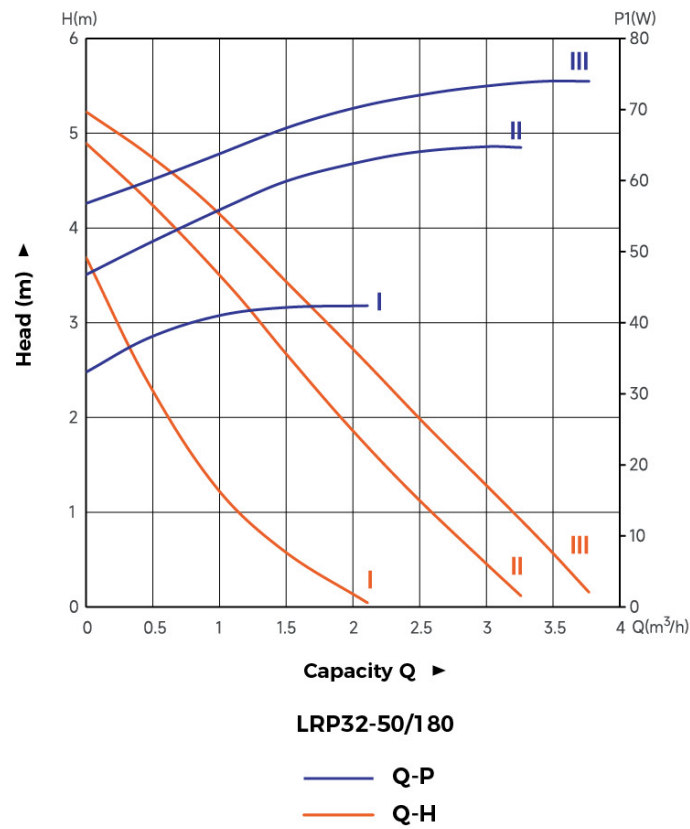
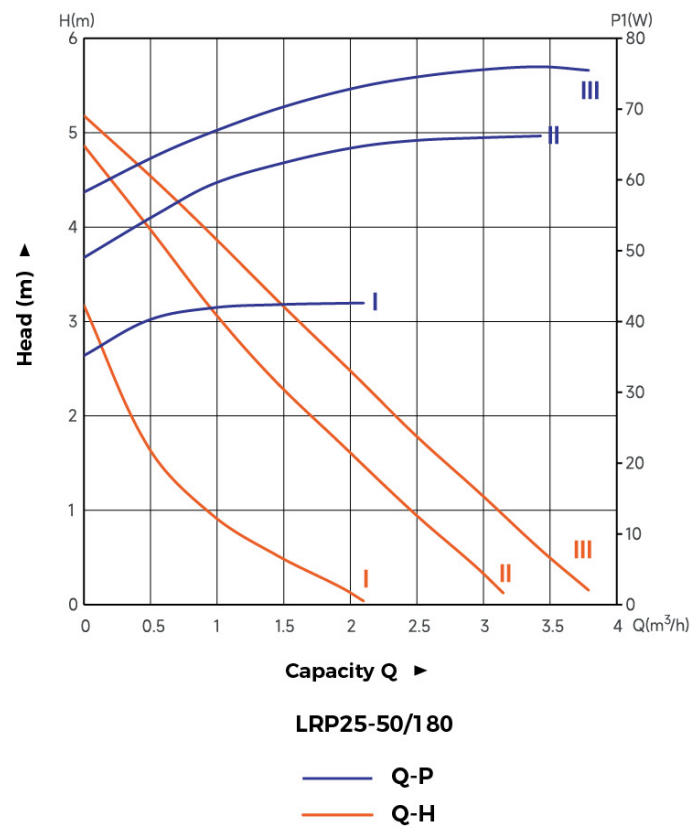
Hydraulic Performance Curves



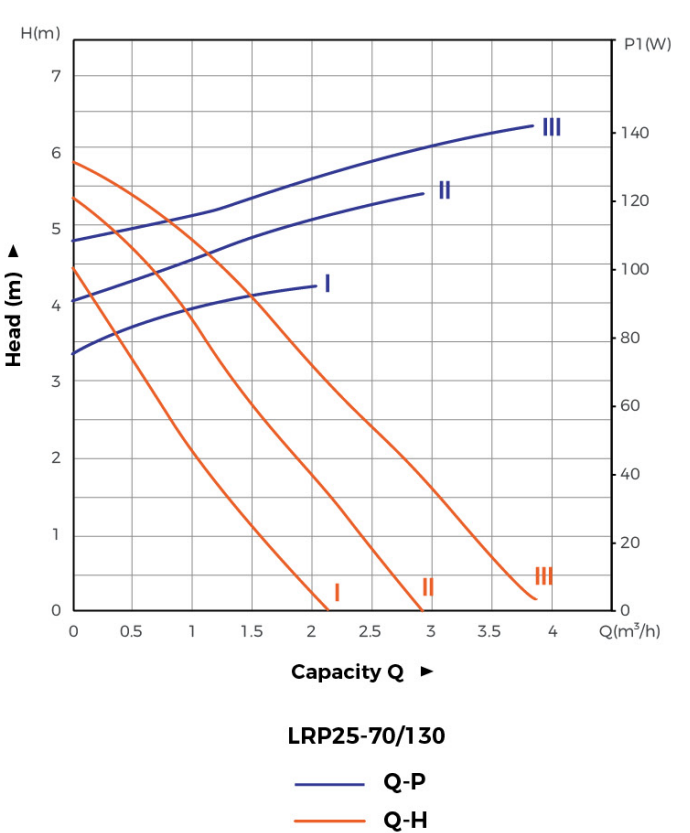
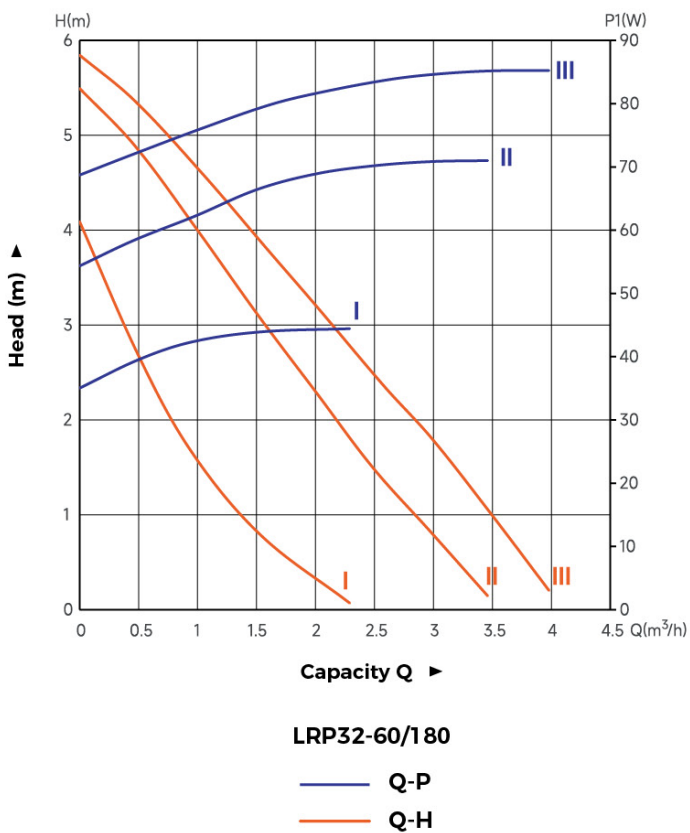
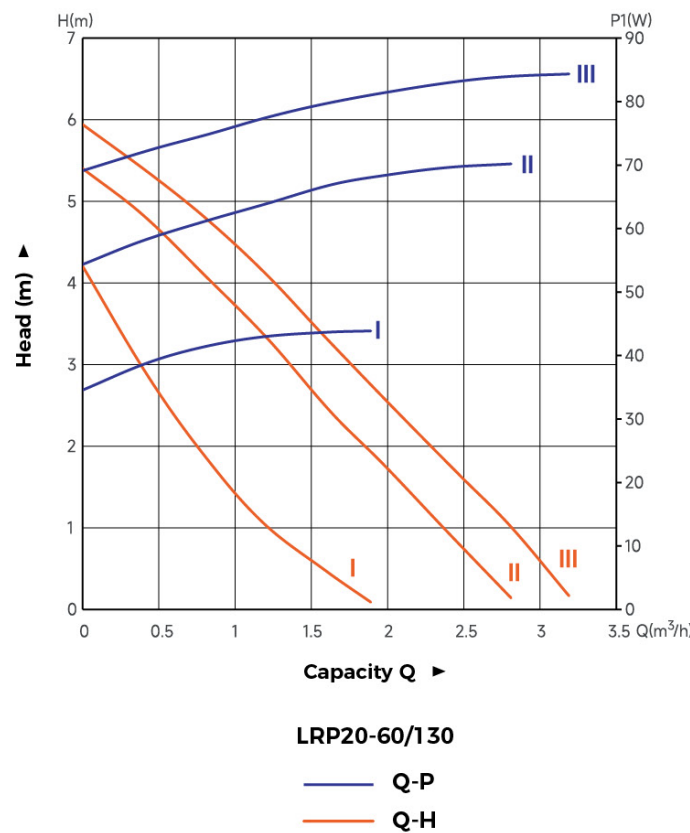
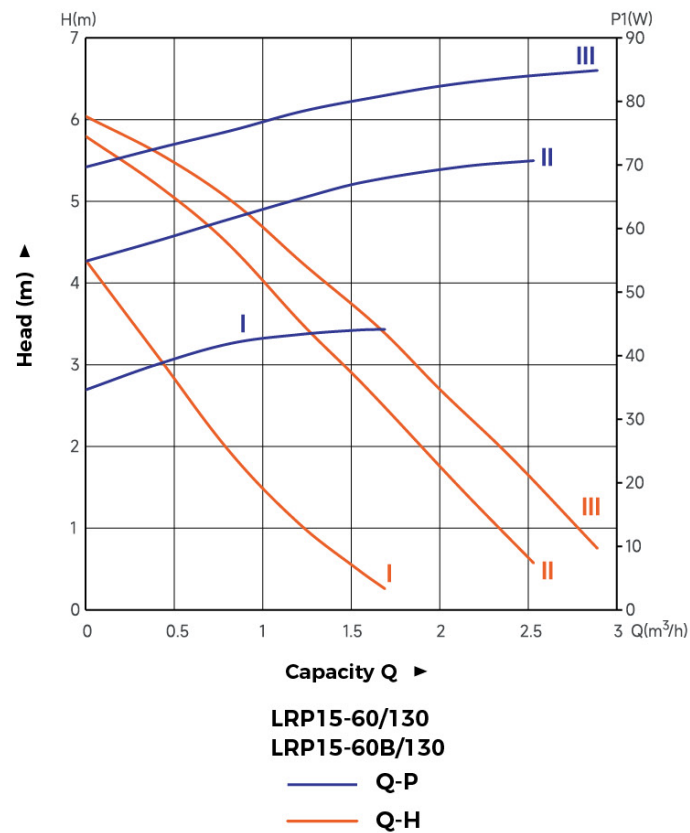
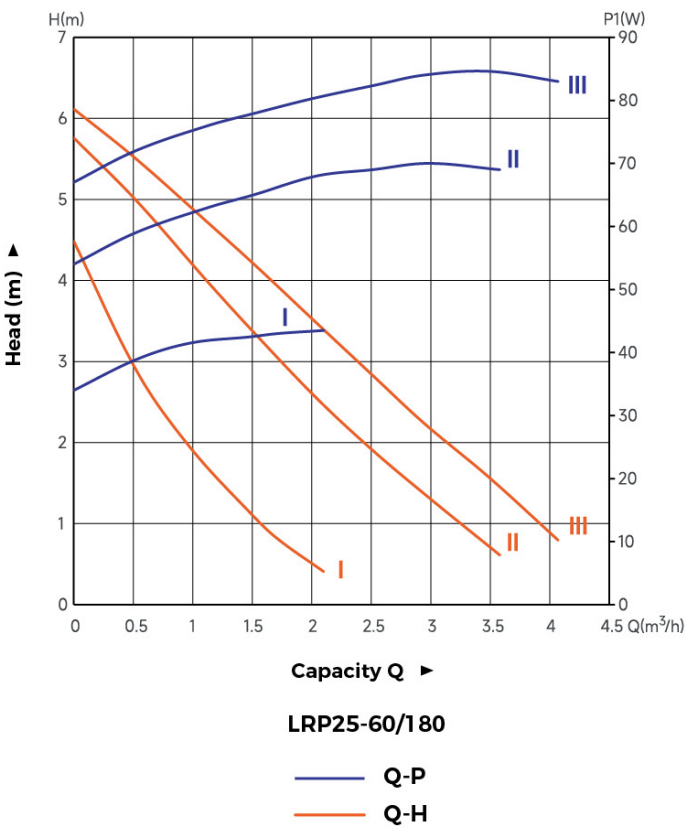
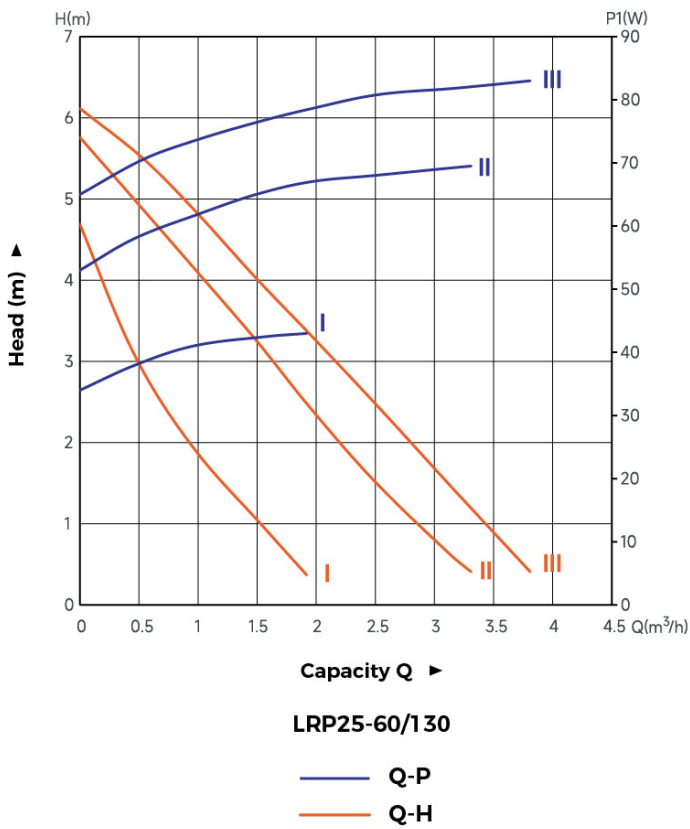
Hydraulic Performance Curves



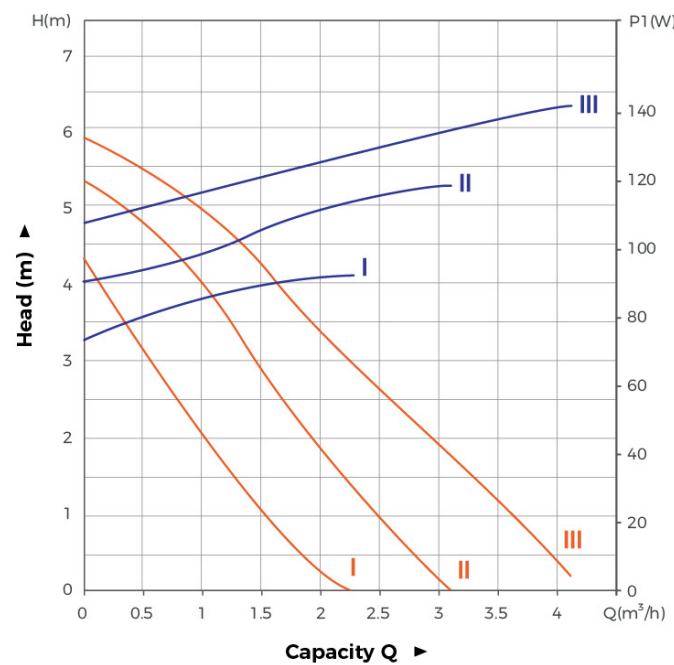
Hydraulic Performance Curves



Hydraulic Performance Curves

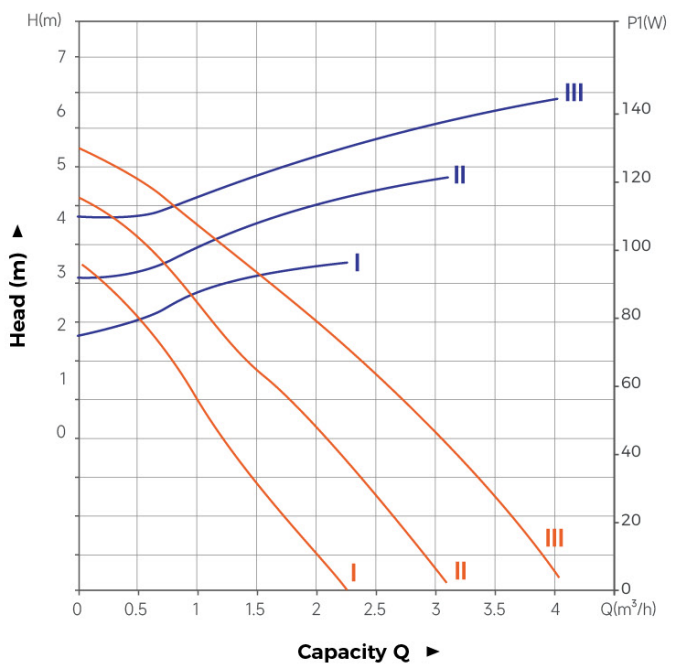


Hydraulic Performance Curves



LRP25-70/180

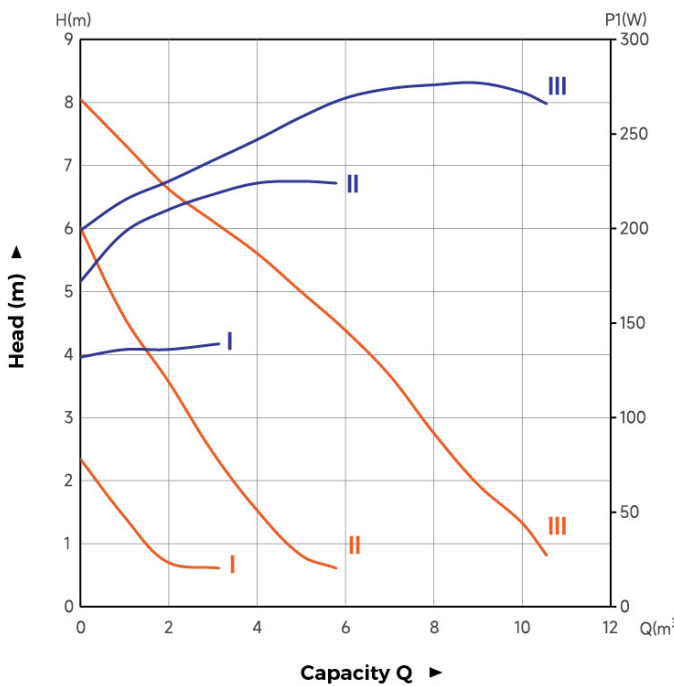
— Q-P
— Q-H



LRP32-70/180

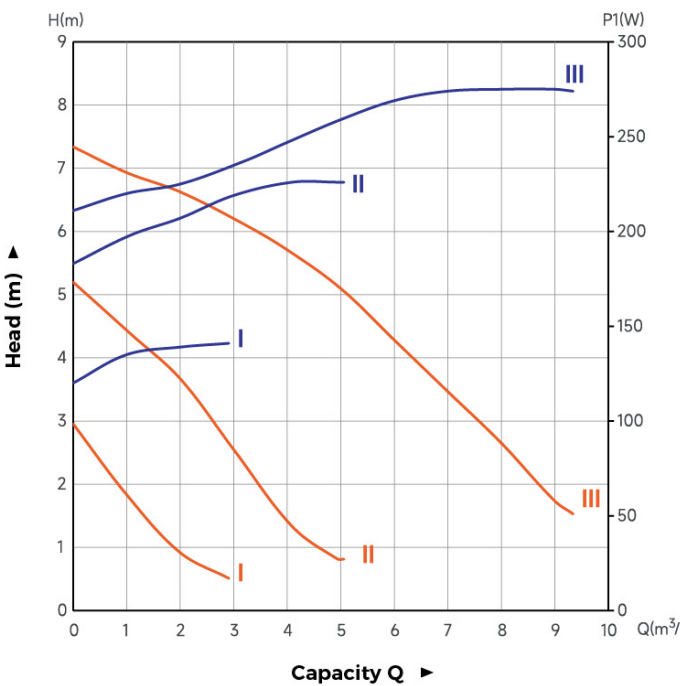
— Q-P
— Q-H

Hydraulic Performance Curves



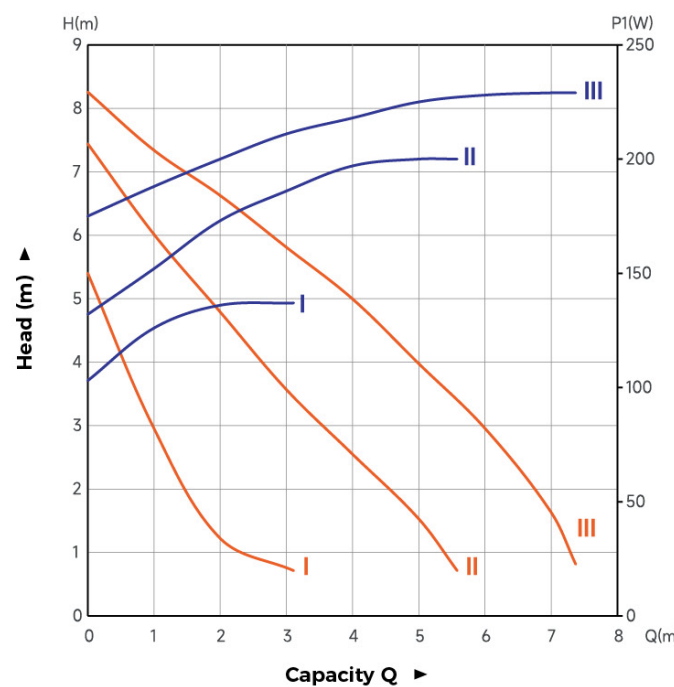
LRP32-80/180
LRP32-80F/220

— Q-P
— Q-H



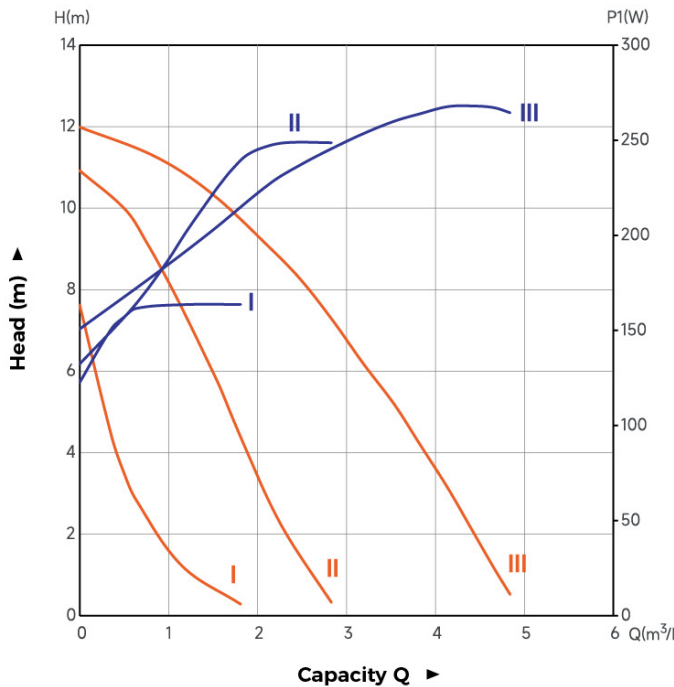
LRP36-80F/200

— Q-P
— Q-H



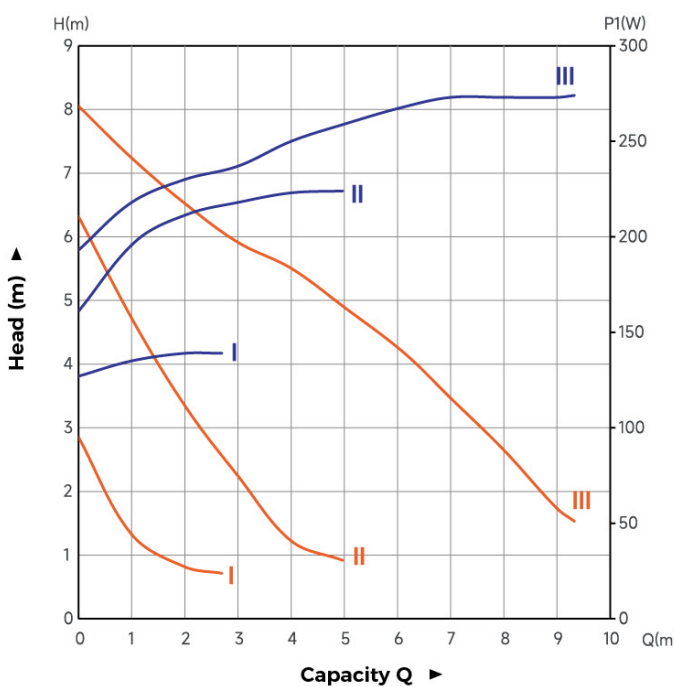
LRP25-80/180

— Q-P
— Q-H



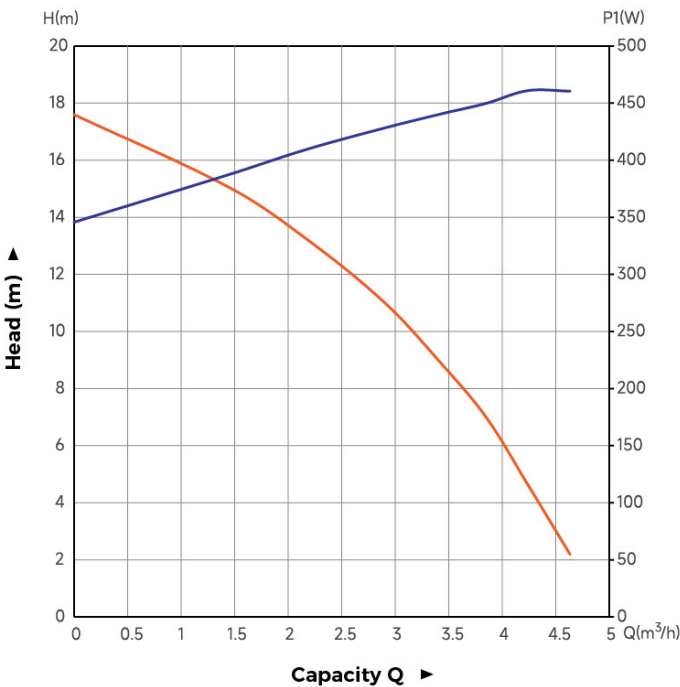
LRP25-120/180

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— Q-H



LRP40-80F/250

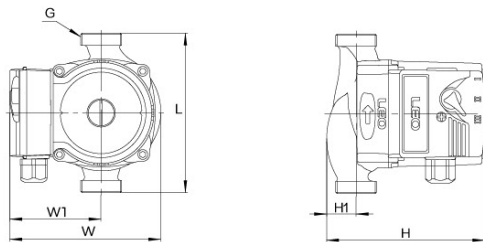
— Q-P
— Q-H



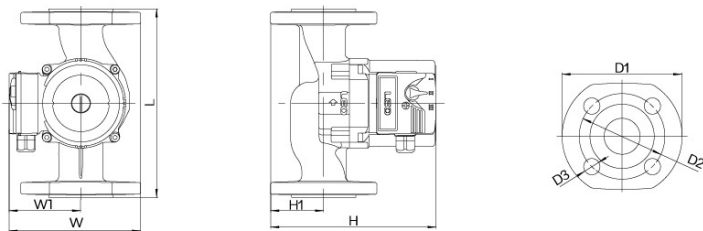
LRP20-180
LRP20-180/220

— Q-P
— Q-H

Dimension

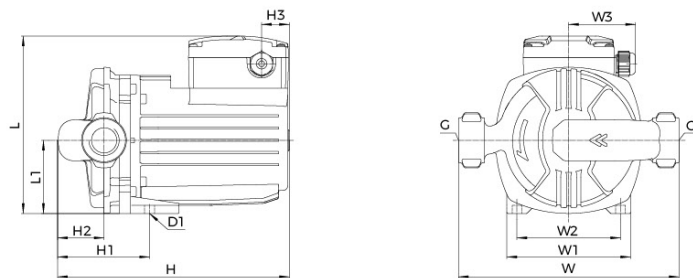


Model	L (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	G
LRP15-40/130	130	125	75	130	25	G1
LRP15-40B/130	130	125	75	130	25	G1
LRP20-40/130	130	125	75	130	25	G1.25
LRP25-40/130	130	125	75	130	25	G1.5
LRP25-40/180	180	125	75	130	25	G1.5
LRP32-40/180	180	125	75	135	30	G2
LRP15-50/130	130	125	75	130	25	G1
LRP15-50B/130	130	125	75	130	25	G1
LRP20-50/130	130	125	75	130	25	G1.25
LRP25-50/130	130	125	75	130	25	G1.5
LRP25-50/180	180	125	75	130	25	G1.5
LRP32-50/180	180	125	75	135	30	G2
LRP15-60/130	130	125	75	130	25	G1
LRP15-60B/130	130	125	75	130	25	G1
LRP20-60/130	130	125	75	130	25	G1.25
LRP25-60/130	130	125	75	130	25	G1.5
LRP25-60/180	180	125	75	130	25	G1.5
LRP32-60/180	180	125	75	135	30	G2
LRP25-70/130	130	125	75	130	25	G1.5
LRP25-70/180	180	125	75	130	25	G1.5
LRP32-70/180	180	125	75	135	30	G2
LRP25-80/180	180	134	75	154	25	G1.5
LRP25-120/180	180	148	75	155	25	G1.5
LRP32-80/180	180	137	75	168	40	G2

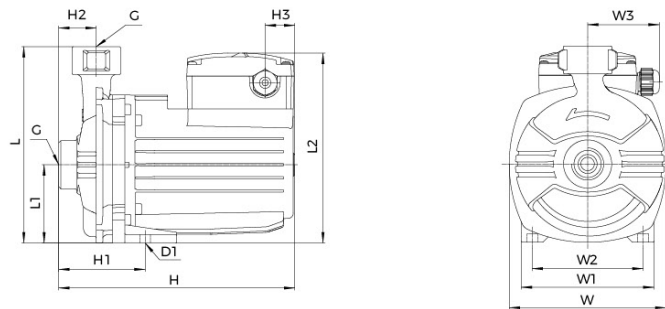


Model	L (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	D1 (mm)	D2	D3
LRP32-80F/220	220	150	85	191.5	65	140	Φ100	Φ19
LRP36-80F/200	200	138	85	174.5	45	90	Φ90	Φ11.5
LRP40-80F/250	250	155	85	196.5	70	150	Φ110	Φ19

Dimension



Model	L (mm)	L1 (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	W (mm)	W1 (mm)	W2 (mm)	W3 (mm)	D1 (mm)	G
LRP20-180/220	177	73	231	92	46	28	220	123.5	103.5	67	7	G1



Model	L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	W (mm)	W1 (mm)	W2 (mm)	W3 (mm)	D1 (mm)	G
LRP20-180	183	73	177	220	80.5	35	28	146	123.5	103.5	67	7	G1



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Heating systems with constant or variable flows
- Heating systems with variable flow-pipe temperature
- Heating systems where night setback is desired
- Heating systems where the differential pressure of the pump is too high during periods of reduced flow demand
- Heating systems where requires a fully automatic adjustment of the performance to flow demands
- Pressure boosting of water heaters
- Circulation and pressure boosting of domestic water

Pump

- Compact design with perfect integrated control unit
- Anti-rust cast iron pump body
- Noryl impeller with heat resistant up to 150°C
- 95% alumina ceramic shaft
- Liquid temperature: 2°C ~ 110°C

Motor

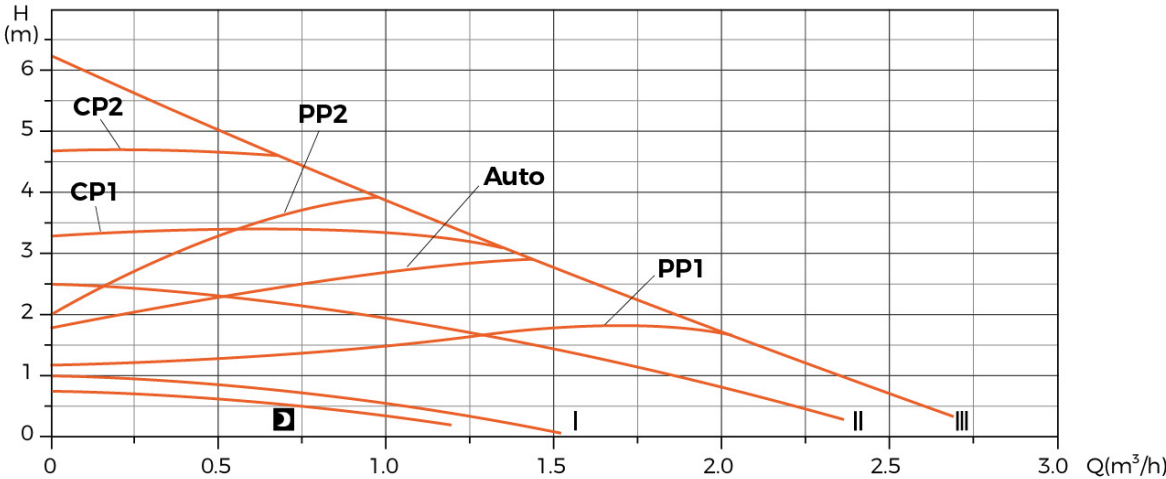
- Insulation class: H
- Enclosures class: IP42
- 99% alumina ceramic bearing
- Copper winding
- Power /frequency(V/Hz): 220-240/50
- EEI: ≤ 0.23, which complies with the Eup Directive

Identification Codes

ARP 15 - 40 / 130

- Distance between inlet and outlet (mm)
- Max.Head (dm)
- Nominal diameter of suction and discharge ports (mm)
- LEO Circulation Pump

Function Introduction



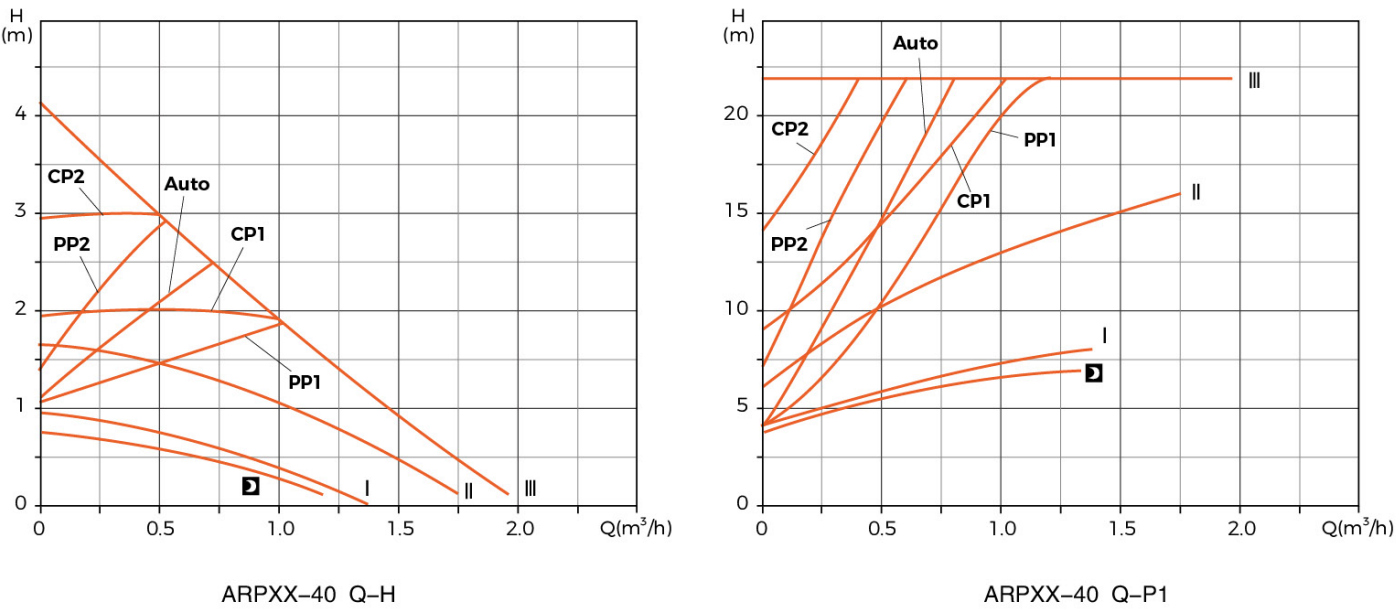
Mode	Pump Feature	Function
Auto	Max. to Min. proportional pressure curve	The auto adapt function enables the pump to control the performance to within a defined performance range. i.e. adjusting the pump performance to the size of the system and the variations in load over time. In this mode, the pump is set to proportional-pressure control.
PP1	Min. Proportion pressure curve	The duty point of the pump will move up or down on the lowest proportional pressure curve, depending on the heat demand in the system. The pressure is reduce at falling of heat demand and increased at demand rising.
PP2	Max. Proportion pressure curve	The duty point of the pump will move up or down on the highest proportional pressure curve, depending on the heat demand in the system. The pressure is reduce at falling of heat demand and increased at demand rising.
CP1	Max. constant pressure curve	The duty point of the pump will move out or in on the highest constant-pressure curve, depending on the heat demand in the system. The pressur e is kept constant, irrespective of the heat demand.
CP2	Min. constant pressure curve	The duty point of the pump will move out or in on the lowest constant-pressure curve, depending on the heat demand in the system. The pressure is kept constant, irrespective of the heat demand.
III	Speed III	In speed III, the pump is set to run on the max. curve under all operating conditions. Quick venting of the pump can be obtained by setting the pump to speed III for a short period.
II	Speed II	In speed II, the pump is set to run on the intermediate curve under all operating conditions.
I	Speed I	In speed I, the pump is set to run on the min. curve under all operating conditions.
	Night mode	The pump changes to automatic night setback, i.e. minimum performance and power consumption, provided that certain conditions are met.

Techncial Data

Model	Voltage /Frequency (V/Hz)	Max.Flow (m³/h)	Max.Head (m)	Power (W)	EEl	G.W. (kg)	Packing Size (mm)
ARP15-40/130	220-240/50	2	4.1	22	≤0.23	2.26	165x150x140
ARP15-50/130	220-240/50	2.3	5.2	32	≤0.23	2.26	165x150x140
ARP15-60/130	220-240/50	2.6	6.2	45	≤0.23	2.26	165x150x140
ARP20-40/130	220-240/50	2	4	22	≤0.23	2.33	165x150x140
ARP20-50/130	220-240/50	2.3	5.1	32	≤0.23	2.33	165x150x140
ARP20-60/130	220-240/50	2.6	6.1	45	≤0.23	2.33	165x150x140
ARP25-40/130	220-240/50	2.1	4	22	≤0.23	2.39	165x150x140
ARP25-40/180	220-240/50	2	4	22	≤0.23	2.56	195x150x140
ARP25-50/130	220-240/50	2.3	5	32	≤0.23	2.39	165x150x140
ARP25-50/180	220-240/50	2.3	5	32	≤0.23	2.56	195x150x140
ARP25-60/130	220-240/50	2.4	6.1	45	≤0.23	2.39	165x150x140
ARP25-60/180	220-240/50	2.7	6	45	≤0.23	2.56	195x150x140
ARP32-40/180	220-240/50	2.2	4	22	≤0.23	2.75	195x150x140
ARP32-50/180	220-240/50	2.5	5.1	32	≤0.23	2.75	195x150x140
ARP32-60/180	220-240/50	2.8	6.1	45	≤0.23	2.75	195x150x140

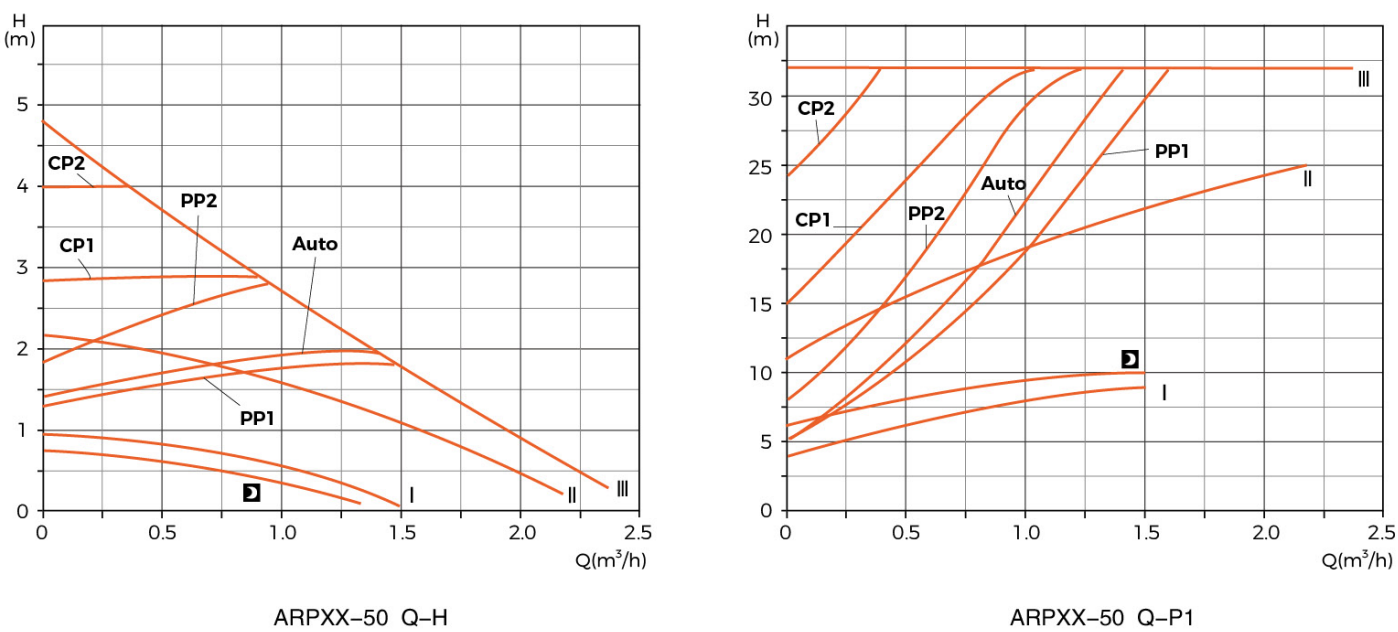
Performance Curve

Explain: ARPXX-40 curves (Q-H、Q-P1) applies to the following models:
ARP15-40/130、ARP20-40/130、ARP25-40/130、ARP25-40/180、ARP32-40/180



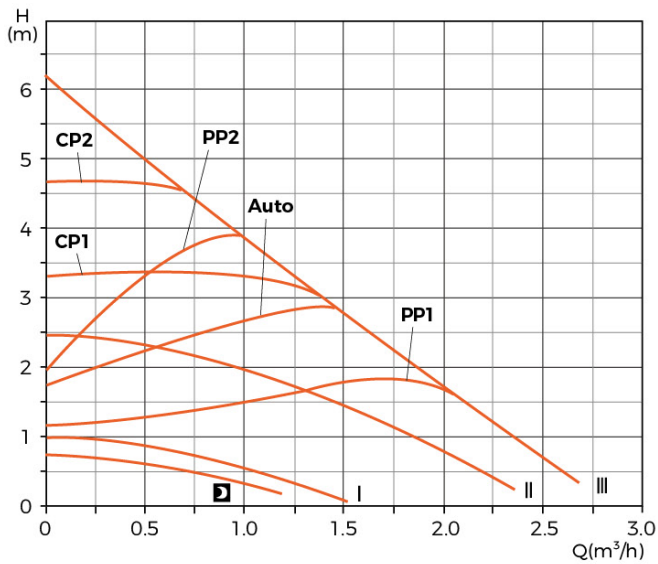
Performance Curve

Explain: ARPXX-50 curves (Q-H、Q-P1) applies to the following models:
ARP15-50/130、ARP20-50/130、ARP25-50/130、ARP25-50/180、ARP32-50/180

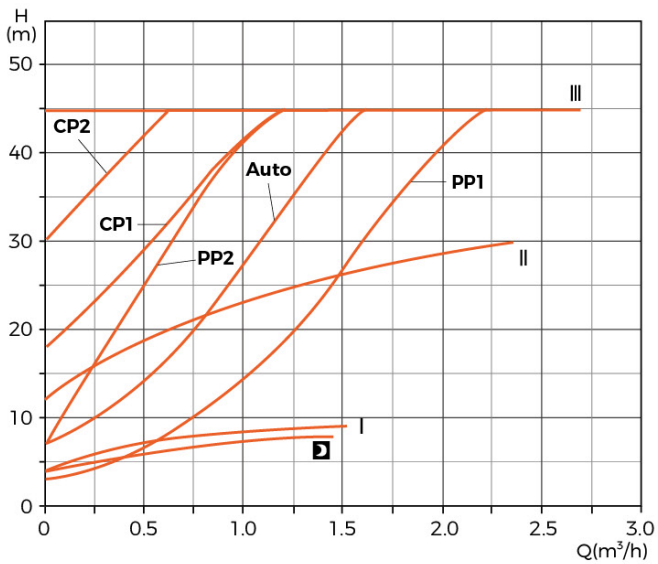


Performance Curve

Explain: ARPXX-60 curves (Q-H, Q-P1) applies to the following models:
ARP15-60/130、ARP20-60/130、ARP25-60/130、ARP25-60/180、ARP32-60/180

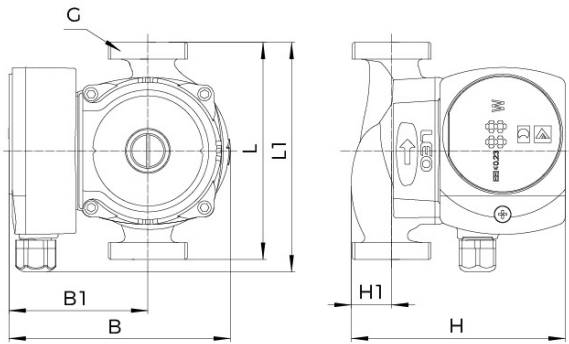


ARPXX-60 Q-H



ARPXX-60 Q-P1

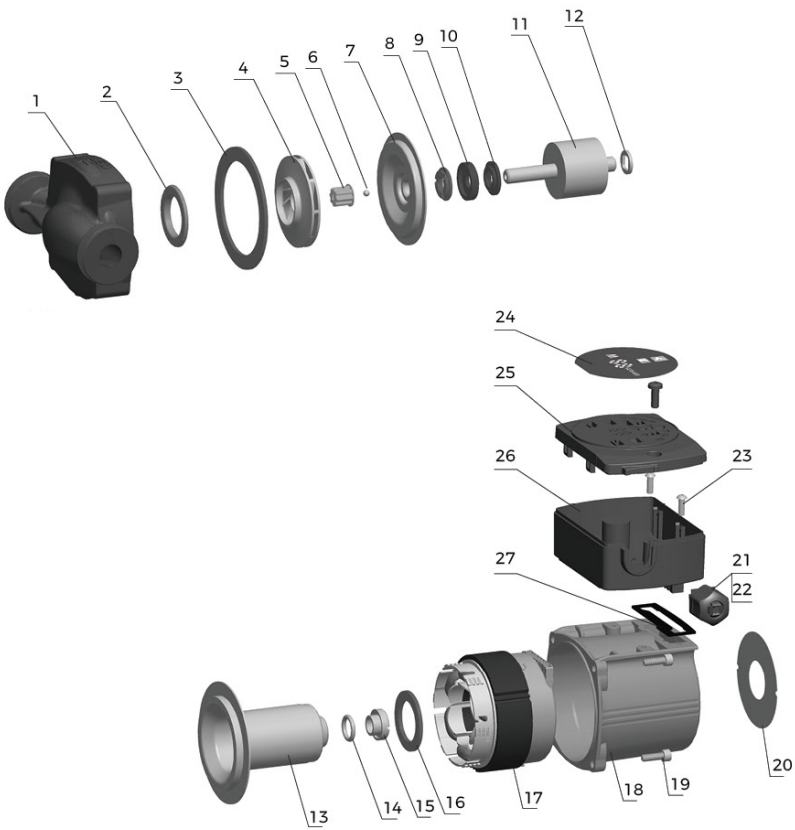
Dimension



Model	L (mm)	L1 (mm)	B (mm)	B1 (mm)	H (mm)	H1 (mm)	G
ARP15-40/130	130	138	135	85	130	25	G1
ARP20-40/130	130	138	135	85	130	25	G1.25
ARP25-40/130	130	138	135	85	130	25	G1.5
ARP25-40/180	180	138	135	85	130	25	G1.5
ARP32-40/180	180	138	135	85	135	30	G2
ARP15-50/130	130	138	135	85	130	25	G1
ARP20-50/130	130	138	135	85	130	25	G1.25
ARP25-50/130	130	138	135	85	130	25	G1.5
ARP25-50/180	180	138	135	85	130	25	G1.5
ARP32-50/180	180	138	135	85	135	30	G2
ARP15-60/130	130	138	135	85	130	25	G1
ARP20-60/130	130	138	135	85	130	25	G1.25
ARP25-60/130	130	138	135	85	130	25	G1.5
ARP25-60/180	180	138	135	85	130	25	G1.5
ARP32-60/180	180	138	135	85	135	30	G2

Material Table

No.	Part	Material
1	Pump body	HT200/AISI304
2	Pump body inset	06Cr19Ni10
3	Body gasket	Silicon rubber
4	Impeller	PPO
5	locking	06Cr19Ni10
6	Check ball	Silicon rubber
7	Pump support cover	
8	Bushings	Graphite
9	Thrust ring support	Silicon rubber
10	Thrust bearing adjusting mat	PPO-GF30
11	Rotor	
12	Back bearing adjusting mat	PPO-GF30
13	Can brg asm	
14	O-ring	Rubber
15	Drain plug	DZR
16	Can brg asm seal	Silicon rubber
17	Stator sleeve	
18	Housing	ADC12
19	Bolt	
20	Nameplate	PC
21	Cable nut	ABS
22	Cable outlet nut	PA6-GF20
23	Washer	
24	Bolt	
25	Terminal cover	
26	Terminal box	
27	Terminal box seal	Rubber





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°C
- 95% alumina ceramic shaft
- Liquid temperature: 2°C ~ 60°C

Motor

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

Identification Codes

LRP 15-90 A / 160

Distance between inlet and outlet (mm)

Automatic Operation

Max. Head (dm)

Nominal diameter of suction and discharge ports (mm)

LEO Booster/Circulation Pump

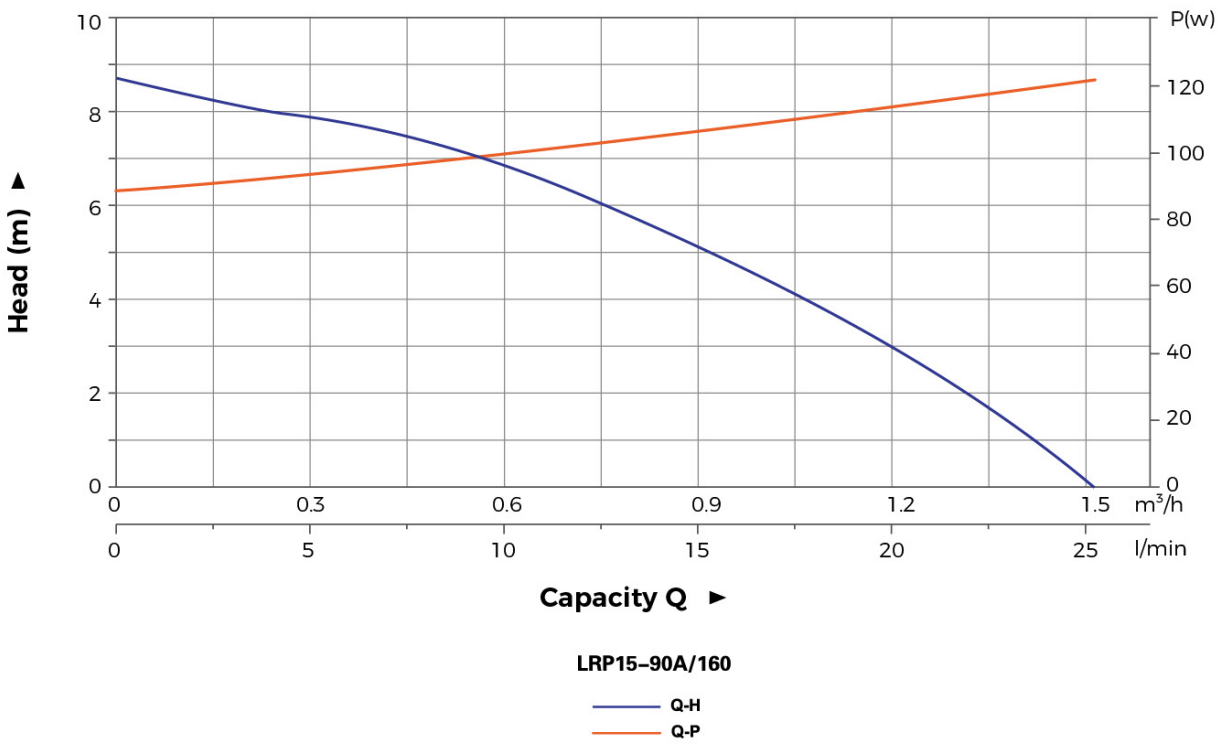
Technical Data

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

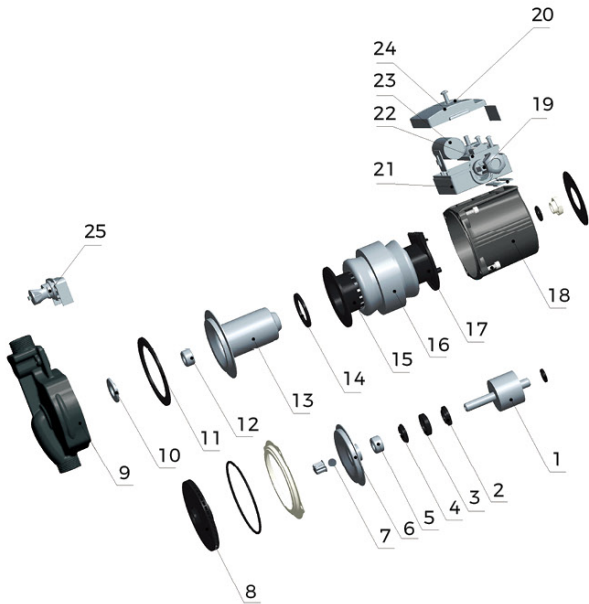
Model	L (mm)	B (mm)	B1 (mm)	H (mm)	H1 (mm)	G
LRP15-90A/160	160	120	70	130	25	G3/4

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	





Application

- It is widely used for heatingventilating and air conditioning(HVAC)circulation, pressure boosting of hot water in family, homes powered by solar energy, industrial auxiliary equipment cold and hot water circulation and so forth
- Water circulation for the central and district heating system
- Domestic hot water circulation

Pump

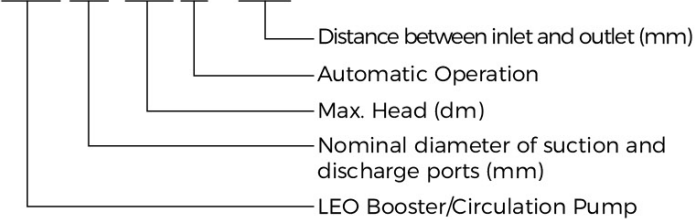
- Anti-rust cast iron pump body
- Noryl impeller with heat resistance up to 150°C
- 95% alumina ceramic shaft
- Liquid temperature: 2°C ~ 95°C

Motor

- Insulation class: H
- Enclosures class: IP44
- 99% alumina ceramic bearing
- Three speed motor

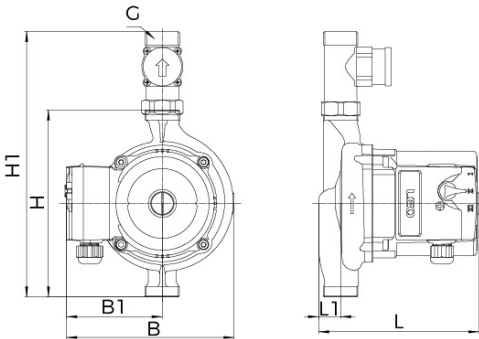
Identification Codes

LRP 25-120 A / 180



Technical Data

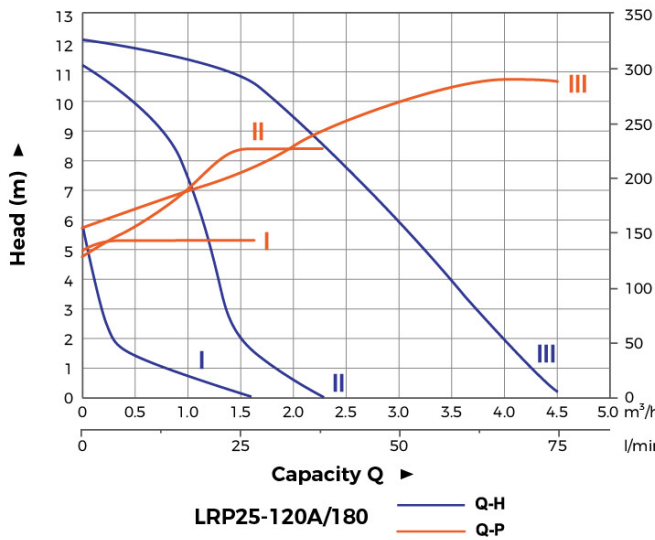
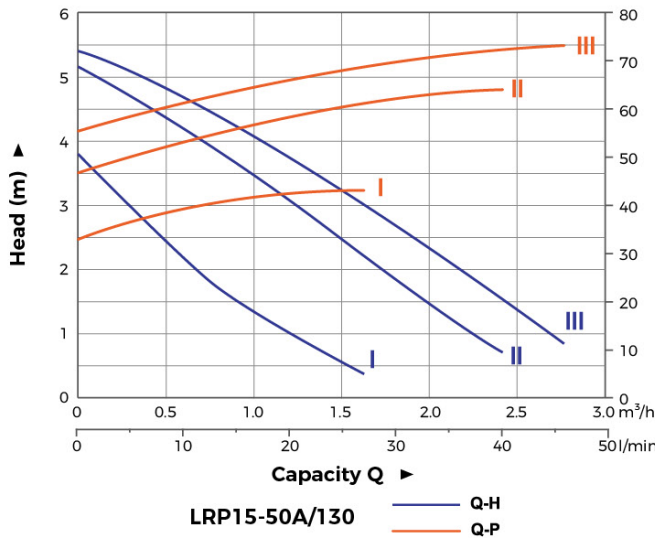
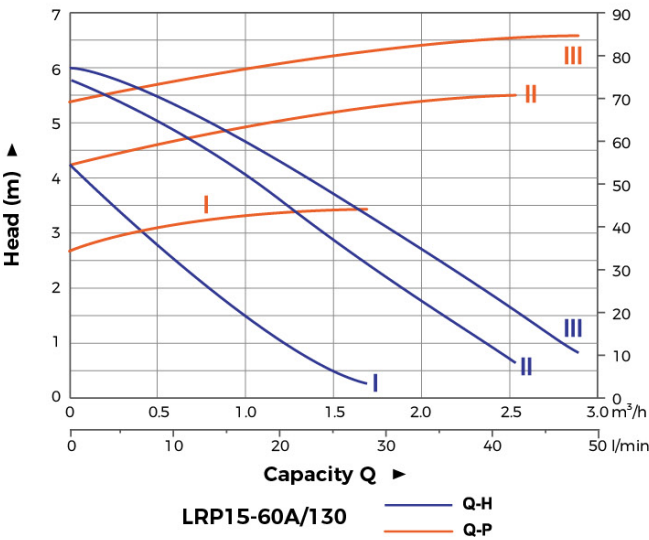
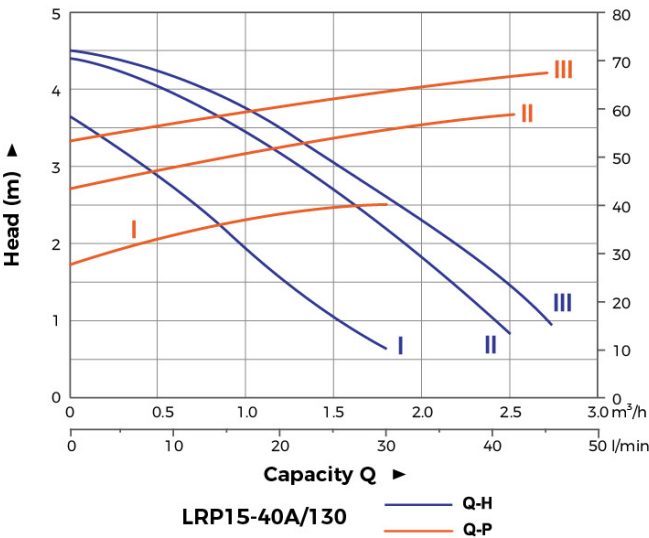
Model	Voltage/Frequency	Power(W)			Current (A)			Max.Flow(l/min)			Max.Head(m)			N.W.(kgs)	G.W.(kgs)	Packing Size (mm)
		III	II	I	III	II	I	III	II	I	III	II	I			
LRP15-40A/130	220-240V/50Hz	74	54	34	0.34	0.24	0.16	45	42	28	4.4	4	3.6	2.32	2.45	195x150x140
LRP15-50A/130	220-240V/50Hz	85	60	40	0.37	0.26	0.18	45	42	28	5.3	5	3.7	2.32	2.45	195x150x140
LRP15-60A/130	220-240V/50Hz	96	69	45	0.43	0.31	0.2	45	42	28	6	5.8	4.2	2.32	2.45	195x150x140
LRP25-120A/180	220-240V/50Hz	270	245	160	1.2	1.1	0.72	67	38	22.5	11.5	10	6.3	4.62	4.96	195x150x140



Dimension

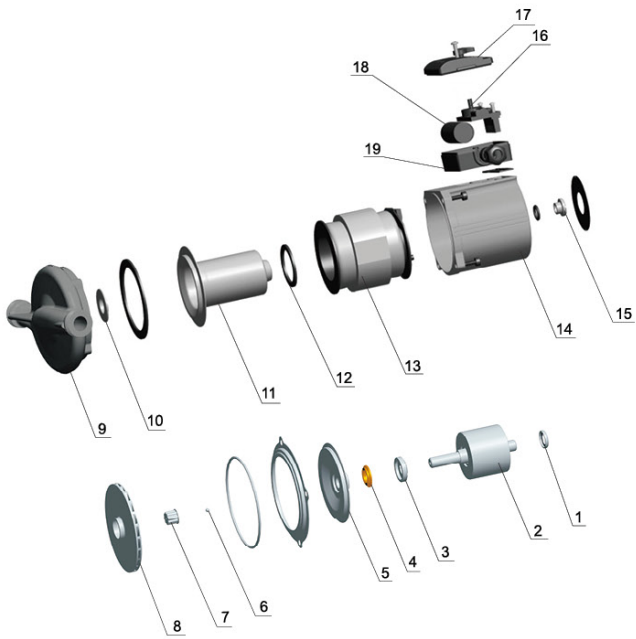
Model	L (mm)	L1 (mm)	B (mm)	B1 (mm)	H (mm)	H1 (mm)	G
LRP15-40A/130	130	205	125	75	130	25	G1
LRP15-50A/130	130	205	125	75	130	25	G1
LRP15-60A/130	130	205	125	75	130	25	G1
LRP25-120A/180	180	255	148	75	155	25	G1

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Back bearing adjusting mat	PPO-GF30
2	Rotor	
3	Thrust ring support	EPDM
4	Bushings	Graphite
5	Pump support cover	
6	Check ball	Silicon rubber
7	Locking	stainless steel
8	Impeller	
9	Pump body	Cast Iron
10	Pump body insert	stainless steel
11	Can brg asm	
12	Can brg asm seal	Silicon rubber
13	Stator sleeve	
14	Motor housing	ADC12
15	Drain plug	DZR
16	speed regulation board	
17	Terminal box cover	ABS
18	Capacitor	
19	Terminal box	PA6-GF20





Application

- It is suitable for boosting hot water powered by solar energy for sauna and bathing and solves insufficient water pressure in high-rise buildings.
- It can also supply water (less than 100°C) to two families.

Pump

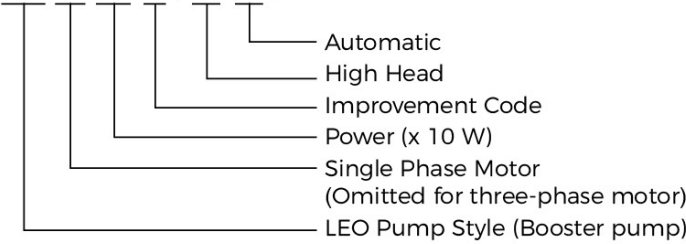
- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Liquid temperature: 2°C ~ 100°C

Motor

- Insulation class: F
- Enclosures class: IP44

Identification Codes

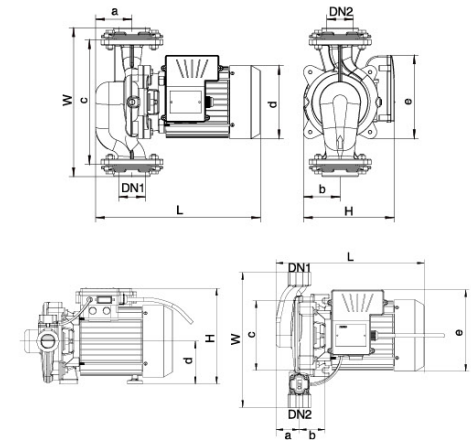
LP m 37 0 (H A)



Technical Data

Model	Power kW	Q(m³/h) Q(l/min)	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18	19.5
			0	25	50	75	100	125	150	175	200	225	250	275	300	325
LPm125	0.125	H (m)	5.5	5	4.8	3.8	3	1.7	-	-	-	-	-	-	-	-
LPm250	0.25		5.5	5.2	5.1	4.9	4.6	4.2	3.5	2.8	2	-	-	-	-	-
LPm370	0.37		8	7.9	7.8	7.5	7.2	6.7	6.2	5.6	4.8	4	3.3	2.3	-	-
LPm550	0.55		19	19	18.9	18	17	16	14.9	13.7	12.4	11.2	9.8	8.5	6.6	4

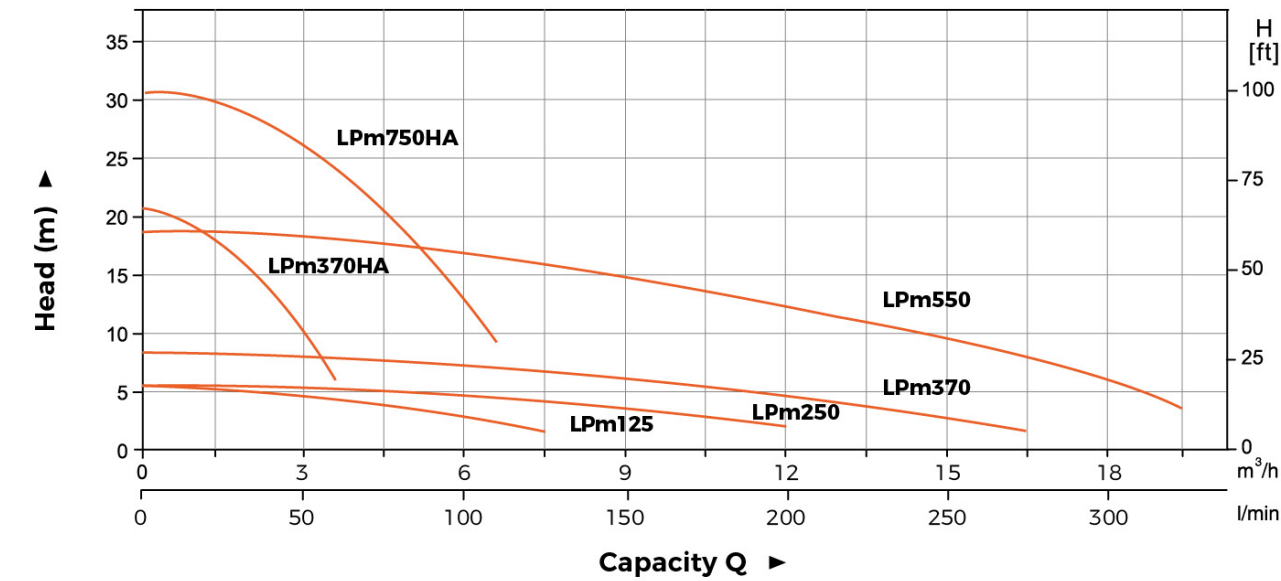
Model	Power kW	Q(m³/h) Q(l/min)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
			0	10	20	30	40	50	60	70	80	90	100	110
LPm370HA	0.37	H (m)	21	20.6	18.5	16	13.4	10	5.5	-	-	-	-	-
LPm750HA	0.75		30.8	30.7	30	29.5	28.3	26.3	24.4	22	19	16.2	13.2	9.4



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)
LPm125	1½"	1½"	275	260	186	47	74	210	Φ141	160
LPm250	2"	2"	301	313	190	71	78	260	Φ141	164
LPm370	2½"	2½"	367	334	195	77	84	280	Φ141	173
LPm550	2"	2"	369	344	210	81	87	280	Φ165	182
LPm370HA	1"	1"	295	270	209	43	60	124	Φ95	141
LPm750HA	1"	1"	341	310	220	54	59	160	Φ98	165

Hydraulic Performance Curves



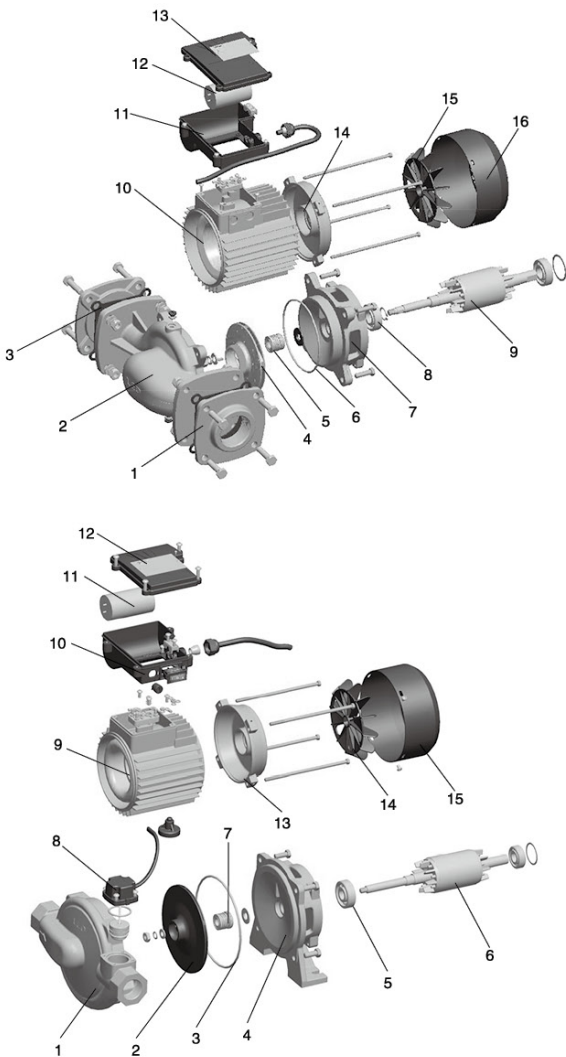
Material Table

LPm125/LPm250/LPm370/LPm550

No.	Part	Material
1	Flange	HT200
2	Pump body	HT200
3	Flange gasket	
4	Impeller	PPO
5	Machanical seal	Carbon/Ceramic
6	O ring	
7	Support	HT200
8	Bearing	
9	Rotor	
10	Stator	
11	Terminal box	ABS
12	Capacitor	
13	Terminal box cover	
14	Rear cover	ZL102
15	Fan	PP
16	Fan cover	O8F

LPm370HA/LPm750HA

No.	Part	Material
1	Pump body	HT200
2	Impeller	PPO
3	O ring	
4	Support	HT200
5	Bearing	
6	Rotor	
7	Machanical eel	Carbon/Ceramic
8	Control switch	
9	Stator	
10	Terminal box Capacitor	ABS
11	Terminal box cover	
12	Rear cover	
13	Fan	ZL102
14	Fan cover	PP
15	Fan	O8F
16	Fan cover	O8F





Application

- Hot water circulation and heating system
- Air-conditioning system
- Industrial circulation system
- General pressure boosting in household

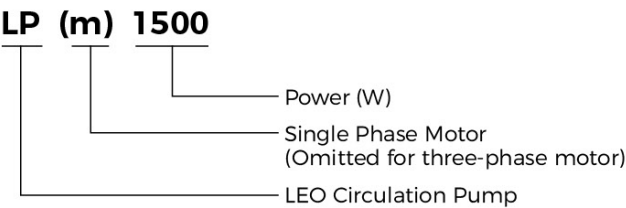
Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Liquid temperature: 2°C ~ 100°C

Motor

- Insulation class: B
- Enclosures class: IP44

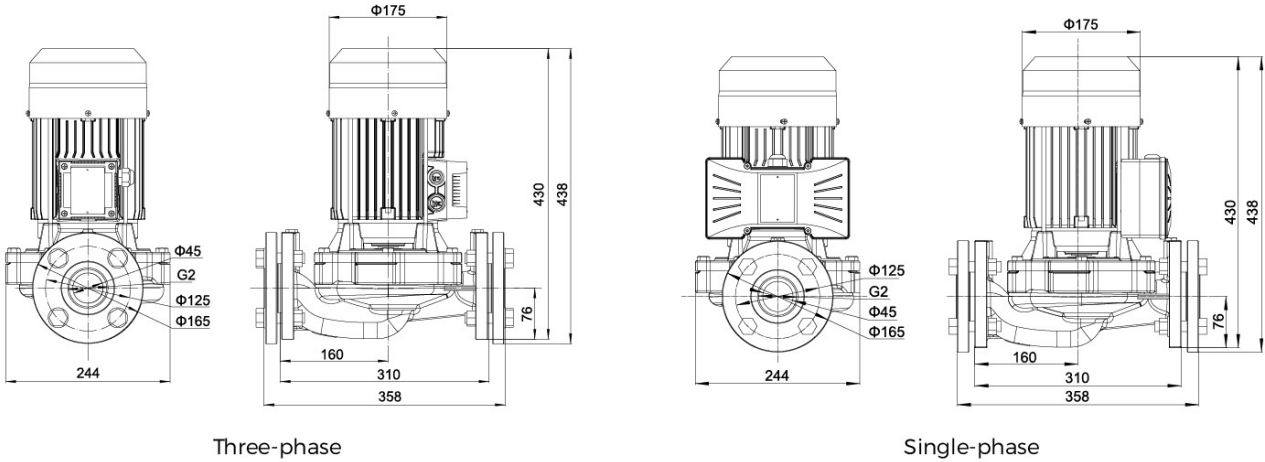
Identification Codes



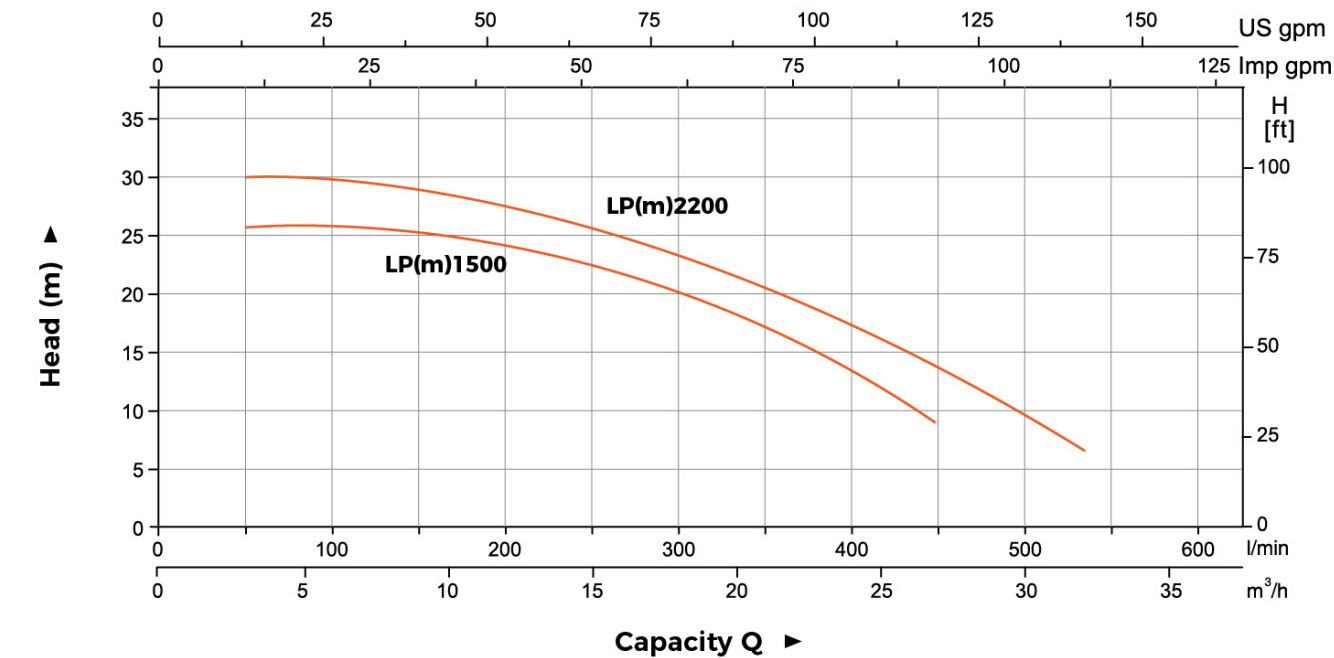
Technical Data

Model	Power		Q(m³/h) Q(l/min)	0	6	9	12	15	18	21	24	30	32
	kW	HP		0	100	150	200	250	300	350	400	500	533
LP(m)1500	1.5	2	H (m)	36	25	24	23	21	19	17	13	5	0
LP(m)2200	2.2	3		34	33	32	30	28	26	23	20	12	8

Dimension

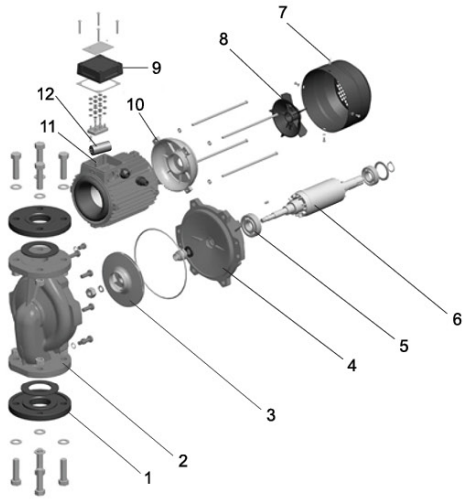


Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Flange	HT200
2	Pump body	HT200
3	Impeller	Brass
4	Support	HT200
5	Bearing	
6	Rotor	
7	Fan cover	08F
8	Fan	PP
9	Terminal box	ABS
10	Rear cover	ZL102
11	Stator	ABS
12	Capacitor	



Package Information

Model	G.W (kg)	L (mm)	W (mm)	H (mm)
LP(m)1500	37	165.5	325	375
LP(m)2200	38.8	183.5	325	375

PUMP RANGE

Peripheral Pump



Self-Priming Peripheral Pump



Jet Pump



Jet Pump for Deep Wells



Centrifugal Pump



Multistage Centrifugal Pump



Horizontal Multistage Centrifugal Pump



Permanent Magnet Intelligent Booster



Self-Priming Centrifugal Pump



Submersible Pump



Domestic Lifting Station



Pool Pump



Garden Jet Pump



Garden Pressure System



Fountain Pump



Garden Submersible Pump



Petrol Lawnmowers



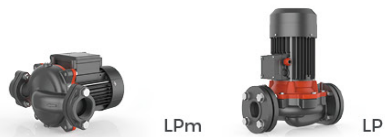
Wall-Mounted Gas Boiler Pump



Circulation Pump



Booster Pump



Stainless Steel Centrifugal Pump



Semi-open Impeller Stainless Steel Centrifugal Pump



Stainless Steel Horizontal Multistage Pump



Intelligent Pressure Booster System



Vertical Multistage Pump



Pressure Booster System



Stainless Steel Standard Centrifugal Pump



Standard Centrifugal Pump



End Suction Centrifugal Pump



Vertical In-line Pump



PUMP RANGE

Submersible Sewage Pump



Submersible Dewatering Pump



Submersible Slurry Pump

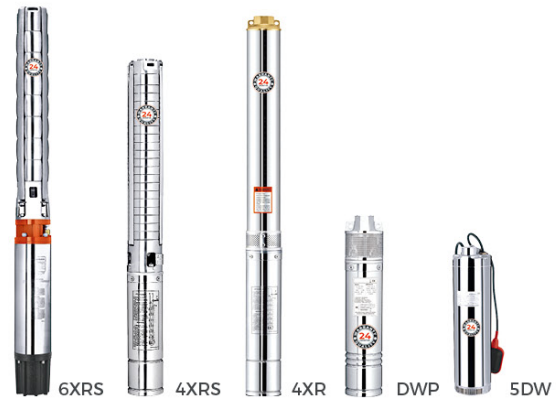


Gasoline/Diesel Water Pump



Submersible Borehole Pump

2", 2.5", 3", 4", 5", 6"



Solar Pumping System

