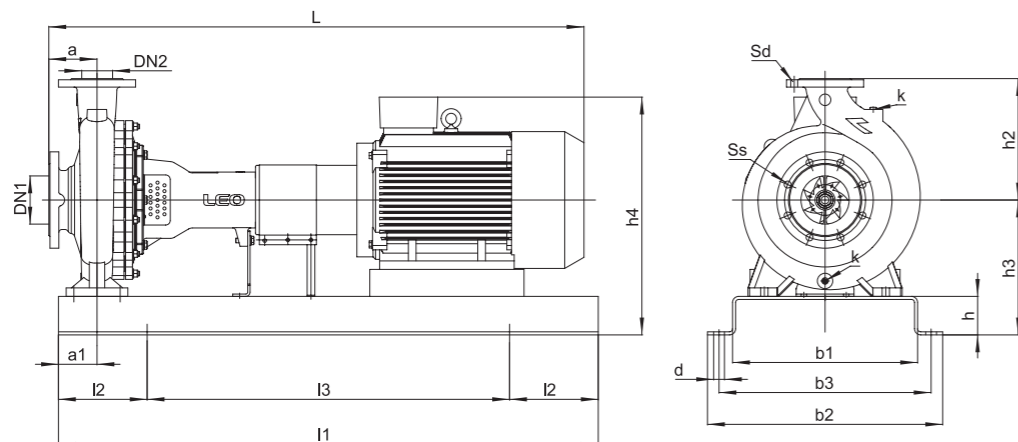


Dimension



Model	DN1	a	a1	h4	L	l1	l2	l3	DN2	Ss	Sd	h2	h3	h	d	b1	b3	b2	k																															
LEN125-80-200	125	125	100	468	1128	1120	190	740	80	8-018	8-018	250	280	380	440	490	R3/8																																	
LEN125-80-200A				449	1053															4-024																														
LEN125-80-200B				431	1035															4-024																														
LEN125-80-200C				567	1265	1166	1250	205				840	80	280	325	430				490	540																													
LEN125-80-200D																						617	1388	1309	1400	230	940	315	350	4-028	480	550	610																	
LEN125-80-200E																							1350																											
LEN125-80-250				125	125	100	513	1128				1250	205	840	100	8-018				280	325	430	490	540	R3/8																									
LEN125-80-250A							592	1265																				1309	1400	230	940	315	350	4-028	480	550	610													
LEN125-80-250B																																						1388	1265	1309	1400	230	940	315	350	4-028	480	550	610	
LEN125-80-250C							617	1350				1265	1309	1400						230	940	315	350	4-028				480	550	610																				
LEN125-80-250D								592																							1265	1309	1400	230	940	315	350	4-028	480	550	610									
LEN125-80-250E																																										1388								
LEN125-80-315							125	125				100	617	1350						1250	205	840	100	8-018				280	325	430	490	540	R3/8																	
LEN125-80-315A													592	1265																						1309	1400	230	940	315	350	4-028	480	550	610					
LEN125-80-315B																																														1388	1265	1309	1400	230
LEN125-80-315C	617	1265	1309						1400	230	940		315	350			4-028	480	550	610																														
LEN125-80-315D																					592	1265						1309	1400	230	940	315				350	4-028	480	550	610										
LEN125-80-315E																																									1388									
LEN125-100-200	125	125	100						488	1128	1250		205	840			100	8-018	280	325	430	490						540	R3/8																					
LEN125-100-200A									469	1053																						1324				1400	230	940	315	350	4-028	480	550	610						
LEN125-100-200B																																													1128	1324	1400	230	940	315
LEN125-100-200C				567	1280	1280			1250	205	840		100	280	325	430			490	540																														
LEN125-100-200D																					513	1181			1462	1403	1365	1324				1400				230	940	315	350	4-028	480	550	610							
LEN125-100-250																																												649	1462	1403	1365	1324	1400	230
LEN125-100-250A				125	125	100			513	1181	1250		205	840	100	8-022			355	355	430	490			540	R3/8																								
LEN125-100-250B									617	1365																						1324				1400	230	940	315	350	4-028	480	550	610						
LEN125-100-250C																																													592	1324	1400	230	940	315
LEN125-100-250D							513	1181	1462	1403	1365	1324	1400	230					940	315	350	4-028	480	550	610																									
LEN125-100-250E																																649	1462	1403	1365	1324	1400	230	940	315	350	4-028	480	550						
LEN125-100-250F							125	125	100	649	1462	1250	205	840					100	8-022	355	355	430	490	540							R3/8																		
LEN125-100-315										617	1365																								1324	1400	230	940	315	350	4-028	480	550	610						
LEN125-100-315A																																													592	1324	1400	230	940	315
LEN125-100-315B										513	1181	1462	1403	1365							1324	1400	230	940	315										350	4-028	480	550	610											
LEN125-100-315C	649	1462	1403														1365	1324											1400	230	940									315	350	4-028	480	550						
LEN125-100-315D	125	125	100							592	1324	1250	205	840			100	8-022			355	355	430	490	540				R3/8																					
LEN125-100-315E										513	1181																								1462	1403	1365	1324	1400	230	940	315	350	4-028	480	550	610			
LEN150-125-250																																																592	1324	1400
LEN150-125-250A										513	1181	1462	1403	1365							1324	1400	230	940	315										350	4-028	480	550	610											
LEN150-125-250B																																								649	1462	1403	1365	1324	1400	230	940			
LEN150-125-250C				125	125	100				592	1324	1250	205	840	100	8-022					355	355	430	490	540	R3/8																								
LEN150-125-250D										513	1181																								1462	1403	1365	1324	1400	230	940	315	350	4-028	480	550	610			
LEN150-125-250E																																																592	1324	1400

Application

- It is widely used for
- Pressure boosting for domestic water supply
 - Floor heating system
 - Solar pumping system

Pump

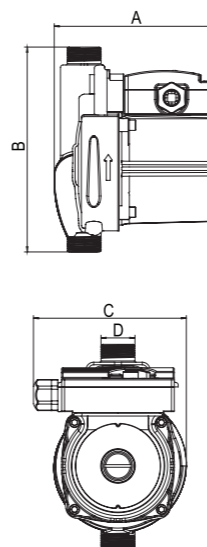
- Automatic pressure boosting
- Anti-rust cast iron pump body
- Noryl impeller with heat resistance up to 150°C
- 99% alumina ceramic shaft
- Liquid temperature: 2°C - 60°C

Motor

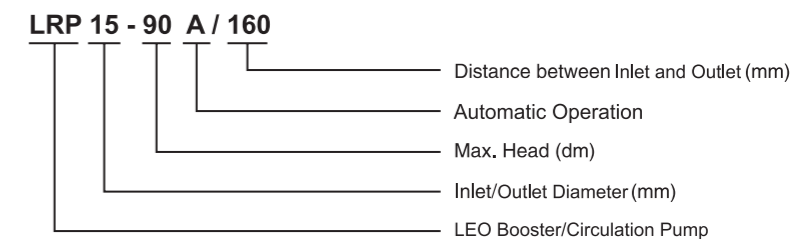
- Insulation class: H
- Protection class: IP42
- 99% alumina ceramic bearing
- Copper winding



Dimension Drawing



Identification Codes

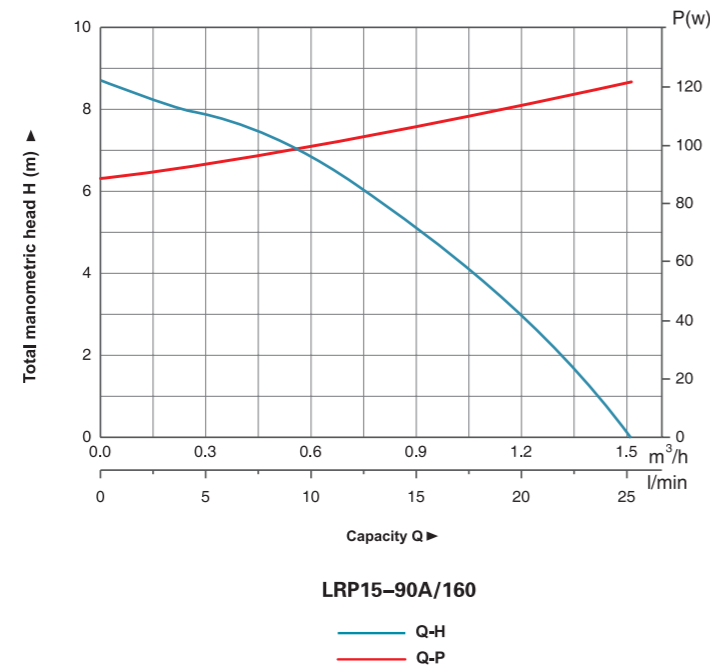
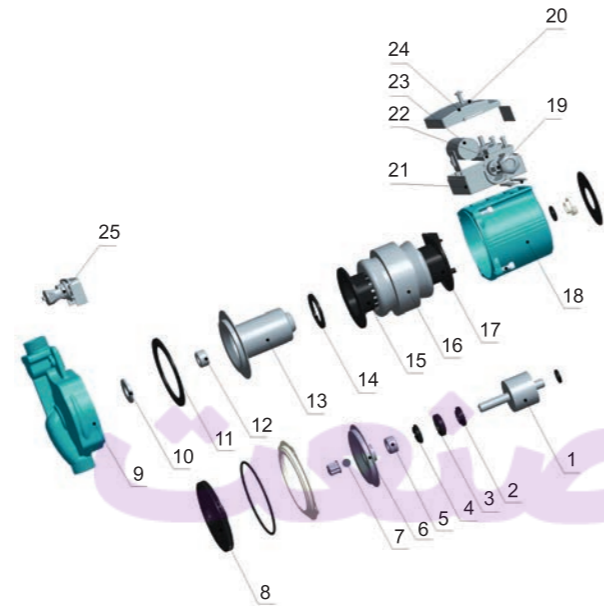


MODEL	A (mm)	B (mm)	C (mm)	D
LRP15-90A/160	129	160	120	G ^{3/4}

MODEL	Voltage/Frequency	Power(W)	Max. Flow (l/min)	Max. Head (m)	Inlet/Outlet (mm)	Pipe Size (inch)
LRP15-90A/160	1~230V/50Hz	123	25	9	Ø15	1/2

Materials Table

No.	Part	Material
1	Rotor	
2	Thrust bearing adjusting mat	Noryl
3	Thrust bearing rubber mat	Silicon rubber
4	Thrust bearing	Graphite
5	Front bearing	Alumina
6	Pump support cover	Stainless steel
7	Check ball	Silicon rubber
8	Impeller	PPO
9	Pump body	Cast iron/bronze
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	Motor stator with winding	
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 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

- Bronze or anti-rust cast iron pump body
- Noryl impeller with heat resistance up to 150°C
- 99% alumina ceramic shaft
- Liquid temperature: 2°C - 110°C

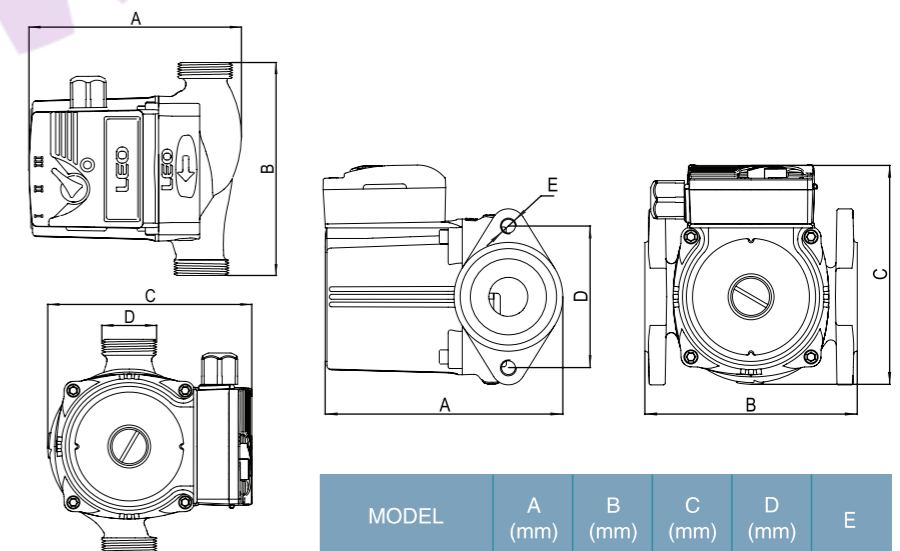
Motor

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

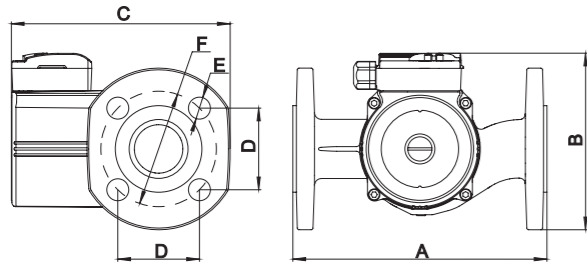


MODEL	A (mm)	B (mm)	C (mm)	D
LRP15-40/130	130	130	125	G1
LRP15-40B/130	130	130	125	G1
LRP20-40/130	130	130	125	G1.25
LRP25-40/130	130	130	125	G1.5
LRP25-40/180	130	180	125	G1.5
LRP32-40/180	135	180	125	G2
LRP15-50/130	130	130	125	G1
LRP15-50B/130	130	130	125	G1
LRP20-50/130	130	130	125	G1.25
LRP25-50/130	130	130	125	G1.5
LRP25-50/180	130	180	125	G1.5
LRP32-50/180	135	180	125	G2
LRP15-60/130	130	130	125	G1
LRP15-60B/130	130	130	125	G1
LRP20-60/130	130	130	125	G1.25
LRP25-60/130	130	130	125	G1.5
LRP25-60/180	130	180	125	G1.5
LRP32-60/180	135	180	125	G2
LRP25-70/130	130	130	125	G1.5
LRP25-70/180	130	180	125	G1.5
LRP32-70/180	135	180	125	G2
LRP25-80/180	154	180	134	G1.5
LRP25-120/180	155	180	148	G1.5
LRP32-80/180	168	180	137	G2

Dimension Drawing



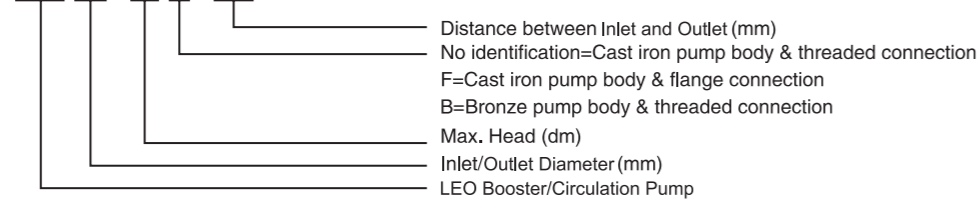
MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E
LRP21-40F/120	130	120	125	80	M10
LRP21-50F/120	130	120	125	80	M10
LRP21-60F/120	130	120	125	80	M10
LRP21-70F/120	130	120	125	80	M10



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
LRP32-80F/220	220	150	191.5	70.7	Φ19	Φ100
LRP36-80F/200	200	138	174.5	63.6	Φ11.5	Φ90
LRP40-80F/250	250	155	196.5	77.8	Φ19	Φ110

Identification Codes

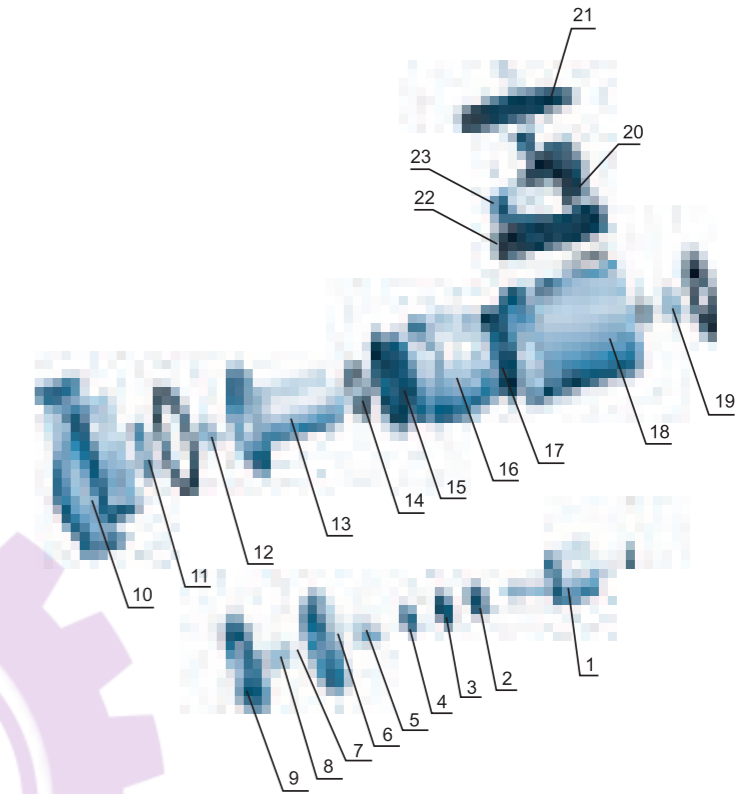
LRP 15 - 50 B / 130



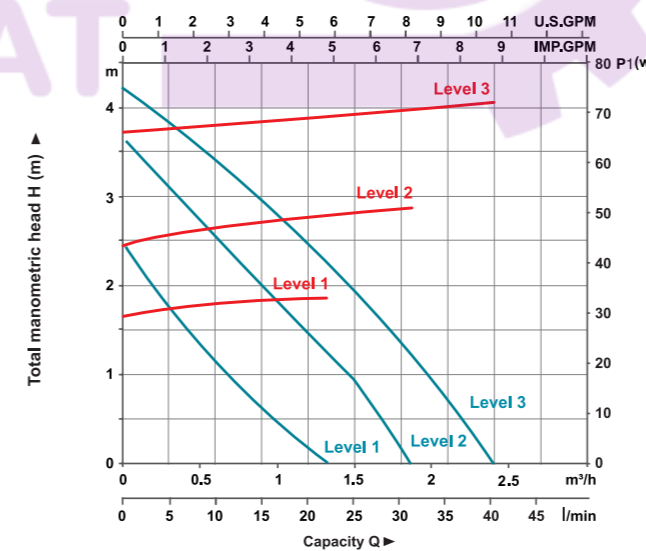
MODEL	POWER	POWER (W)			Max. Flow (l/min)	Max. Head (m)	Inlet/Outlet (mm)	Pipe Size (inch)	N.W. (kgs)	G.W. (kgs)	Packing Size (mm)
		3	2	1							
LRP15-40/130	1~230V/50Hz	74	54	34	40/30/22	4.0/3.3/2.3	Φ15	1	2.32	2.45	154x143x153
LRP15-40B/130	1~230V/50Hz	74	54	34	40/30/22	4.0/3.3/2.3	Φ15	1	2.41	2.54	154x143x153
LRP20-40/130	1~230V/50Hz	74	54	34	45/35/25	4.0/3.3/2.3	Φ20	1.25	2.37	2.5	154x143x153
LRP21-40F/120	1~230V/50Hz	74	54	34	55/42/30	4.0/3.3/2.3	Φ21	1.25	2.65	2.78	154x143x153
LRP25-40/130	1~230V/50Hz	74	54	34	52/42/30	4.0/3.3/2.3	Φ25	1.5	2.44	2.57	154x143x153
LRP25-40/180	1~230V/50Hz	74	54	34	55/42/30	4.0/3.3/2.3	Φ25	1.5	2.55	2.705	198x143x160
LRP32-40/180	1~230V/50Hz	74	54	34	55/42/30	4.0/3.3/2.3	Φ32	2	2.73	2.885	198x143x160
LRP15-50/130	1~230V/50Hz	85	60	40	40/32/23	4.5/3.8/2.5	Φ15	1	2.32	2.45	154x143x153
LRP15-50B/130	1~230V/50Hz	85	60	40	40/32/23	4.5/3.8/2.5	Φ15	1	2.41	2.54	154x143x153
LRP20-50/130	1~230V/50Hz	85	60	40	47/37/25	4.5/3.8/2.5	Φ20	1.25	2.37	2.5	154x143x153
LRP21-50F/120	1~230V/50Hz	85	60	40	58/45/32	4.5/3.8/2.5	Φ21	1.25	2.65	2.78	154x143x153
LRP25-50/130	1~230V/50Hz	85	60	40	55/43/28	4.5/3.8/2.5	Φ25	1.5	2.44	2.57	154x143x153
LRP25-50/180	1~230V/50Hz	85	60	40	60/47/32	4.5/3.8/2.5	Φ25	1.5	2.55	2.705	198x143x160
LRP32-50/180	1~230V/50Hz	85	60	40	60/47/32	4.5/3.8/2.5	Φ32	2	2.73	2.885	198x143x160
LRP15-60/130	1~230V/50Hz	96	69	45	40/32/23	5.5/4.5/2.8	Φ15	1	2.32	2.45	154x143x153
LRP15-60B/130	1~230V/50Hz	96	69	45	40/32/23	5.5/4.5/2.8	Φ15	1	2.41	2.54	154x143x153
LRP20-60/130	1~230V/50Hz	96	69	45	53/37/25	5.5/4.5/2.8	Φ20	1.25	2.37	2.5	154x143x153
LRP21-60F/120	1~230V/50Hz	96	69	45	60/45/32	5.5/4.5/2.8	Φ21	1.25	2.65	2.78	154x143x153
LRP25-60/130	1~230V/50Hz	96	69	45	58/43/28	5.5/4.5/2.8	Φ25	1.5	2.44	2.57	154x143x153
LRP25-60/180	1~230V/50Hz	96	69	45	66/47/32	5.5/4.5/2.8	Φ25	1.5	2.55	2.705	198x143x160
LRP32-60/180	1~230V/50Hz	96	69	45	66/47/32	5.5/4.5/2.8	Φ32	2	2.73	2.885	198x143x160
LRP21-70F/120	1~230V/50Hz	150	130	105	67/50/37	6.3/6.0/5.2	Φ21	1.5	2.65	2.805	154x143x153
LRP25-70/130	1~230V/50Hz	150	130	105	67/50/37	6.3/6.0/5.2	Φ25	1.5	2.45	2.605	154x143x153
LRP25-70/180	1~230V/50Hz	150	130	105	67/50/37	6.3/6.0/5.2	Φ25	1.5	2.57	2.725	198x143x160
LRP32-70/180	1~230V/50Hz	150	130	105	67/50/34	6.3/6.0/5.2	Φ32	2	2.75	2.905	198x143x160
LRP25-80/180	1~230V/50Hz	200	190	160	120/100/60	7.1/6.5/5.5	Φ28	1.5	4.23	4.57	192x170x190
LRP32-80/180	1~230V/50Hz	270	245	160	167/100/60	7.3/6.7/5.4	Φ42	2	4.75	5.09	192x170x190
LRP32-80F/220	1~230V/50Hz	270	245	160	170/113/65	7.3/6.7/5.4	Φ42	2	7.57	8	235x181x207
LRP36-80F/200	1~230V/50Hz	270	245	160	170/113/65	7.3/6.7/5.4	Φ42	2	5.98	6.36	214x170x190
LRP40-80F/250	1~230V/50Hz	270	245	160	170/113/65	7.3/6.7/5.4	Φ42	2	8.27	8.74	264x186x212
LRP25-120/180	1~230V/50Hz	270	245	160	67/38/22.5	11.5/10/6.3	Φ18	1.5	4.62	4.96	192x170x190

Materials Table

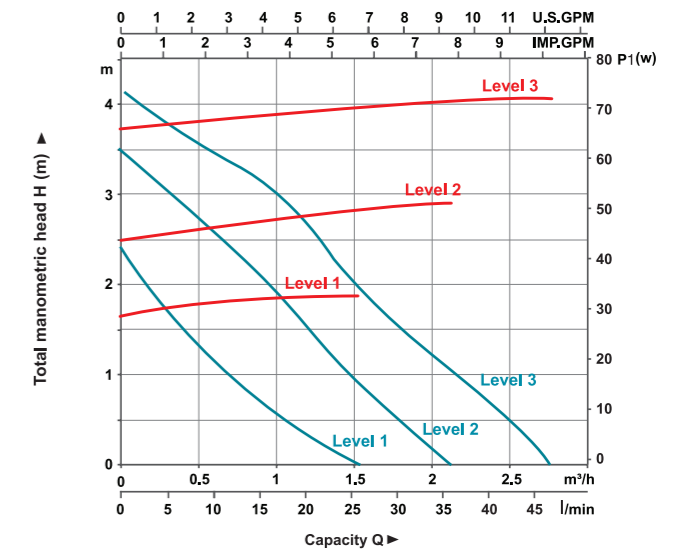
No.	Part	Material
1	Rotor	
2	Thrust bearing adjusting mat	Noryl
3	Thrust bearing rubber mat	Silicon rubber
4	Thrust bearing	Graphite
5	Front bearing	Alumina
6	Pump support cover	Stainless steel
7	Check ball	Silicon rubber
8	Locking	Stainless steel
9	Impeller	PPO
10	Pump body	Cast iron/Bronze
11	Pump 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	



Hydraulic Performance Curves

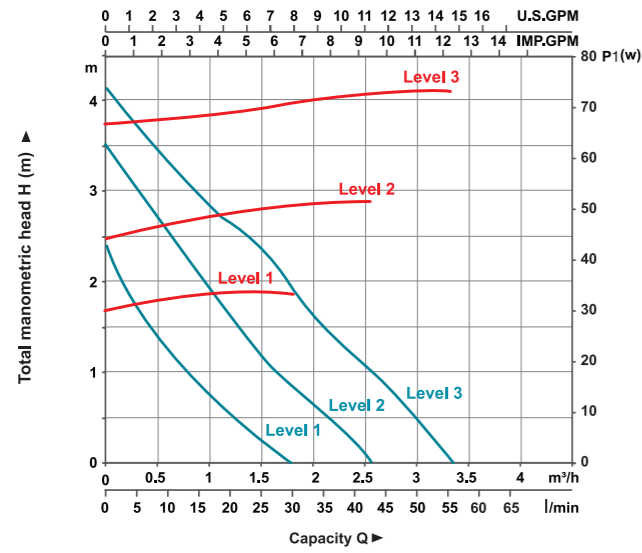


LRP15-40B/130
LRP15-40/130
— Q-H
— Q-P

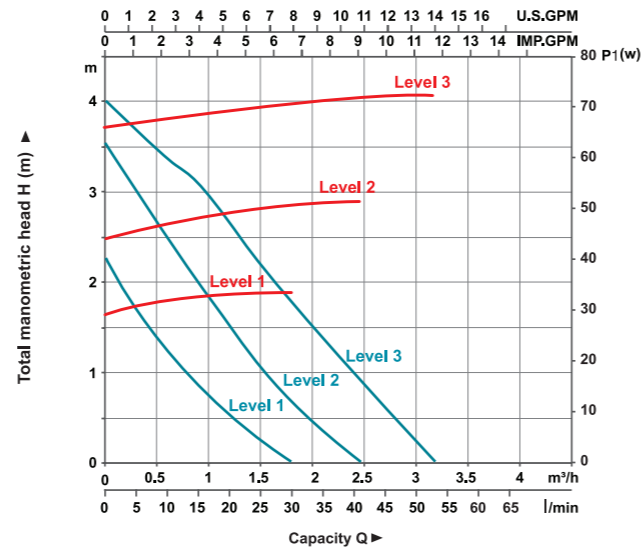


LRP20-40/130
— Q-H
— Q-P

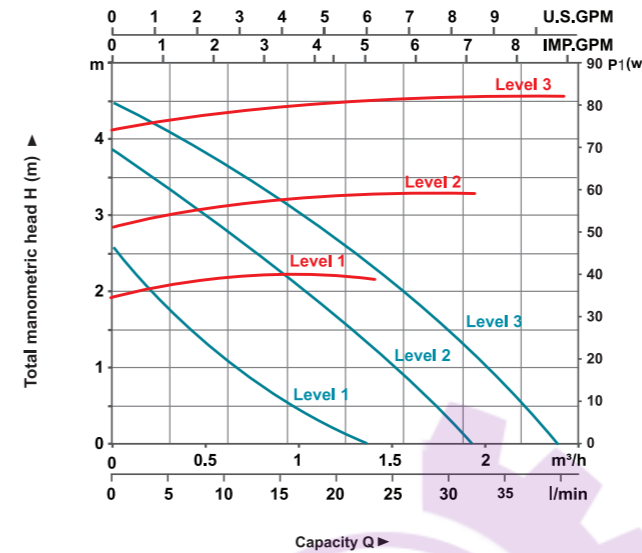
Hydraulic Performance Curves



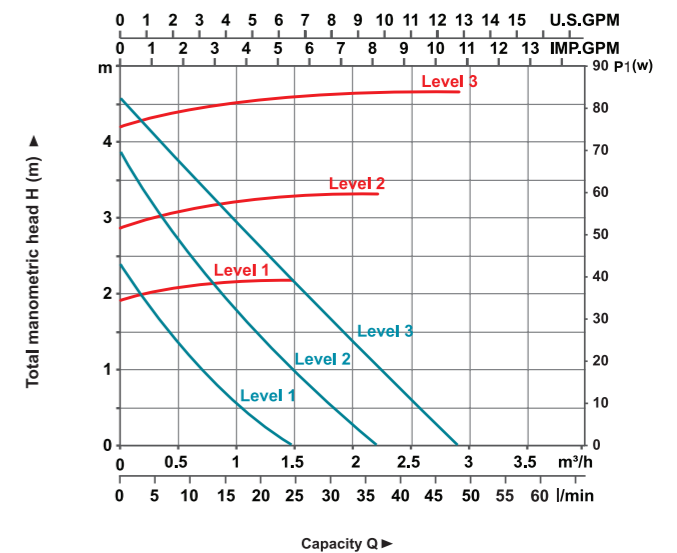
LRP21-40F/120
— Q-H
— Q-P



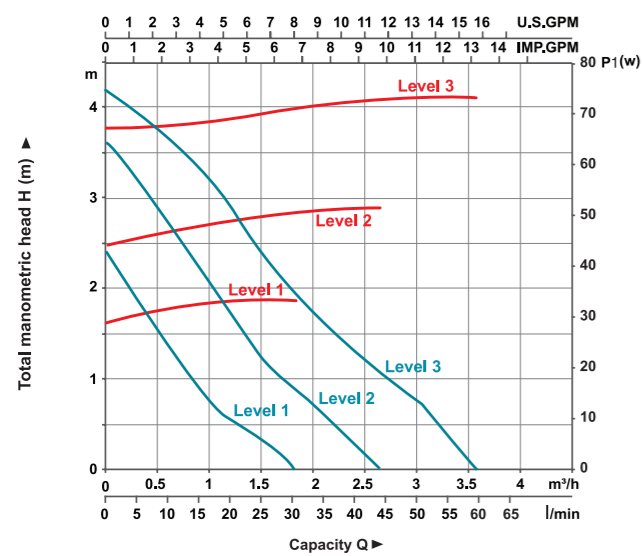
LRP25-40/130
— Q-H
— Q-P



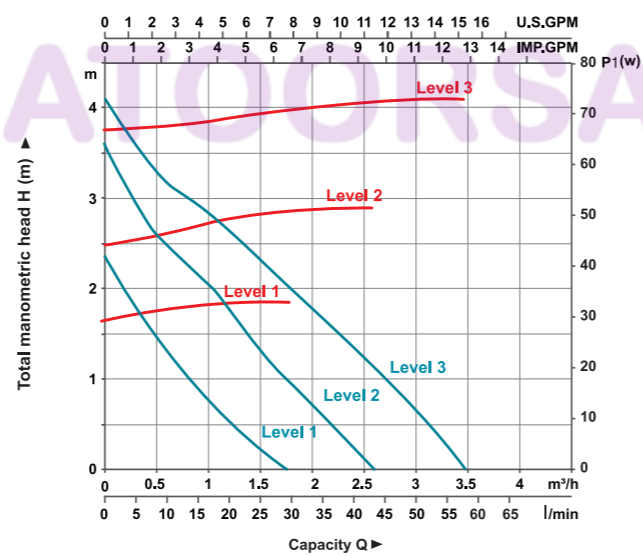
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LRP15-50/130
— Q-H
— Q-P



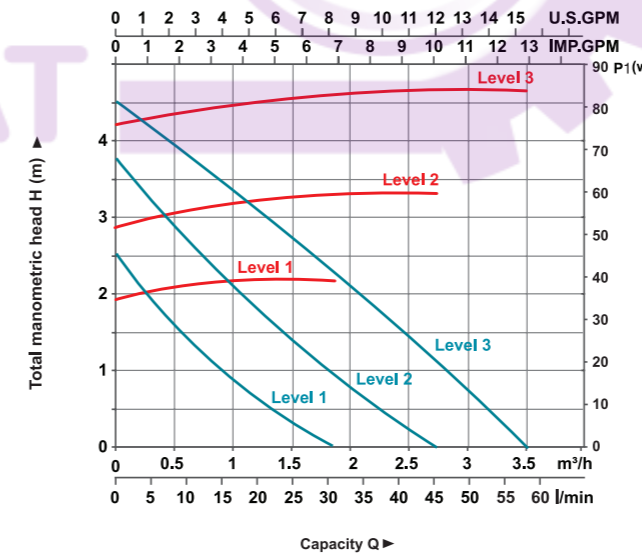
LRP20-50/130
— Q-H
— Q-P



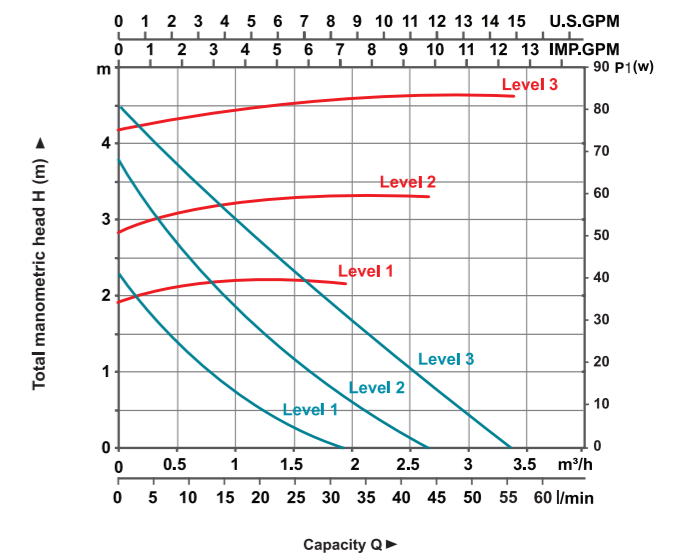
LRP25-40/180
— Q-H
— Q-P



LRP32-40/180
— Q-H
— Q-P

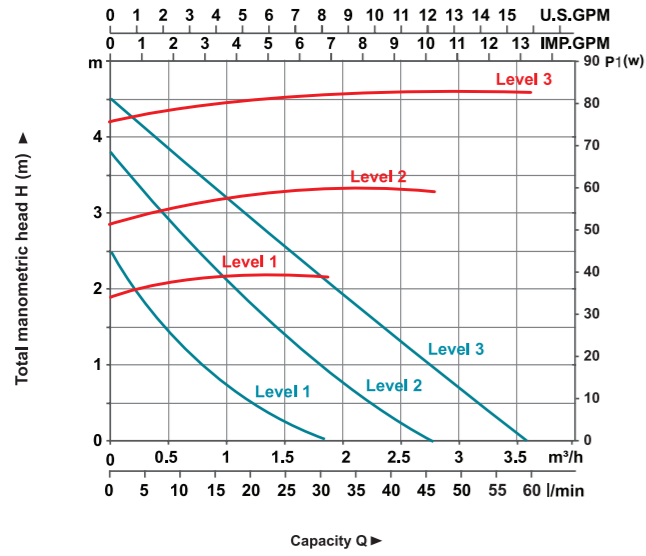


LRP21-50F/120
— Q-H
— Q-P

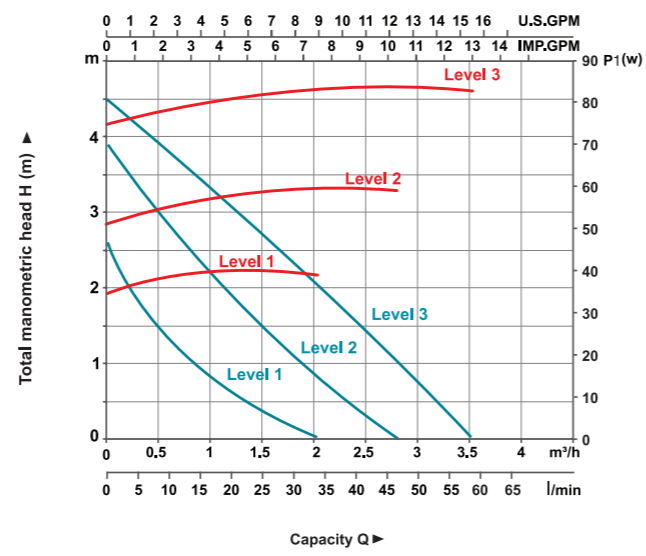


LRP25-50/130
— Q-H
— Q-P

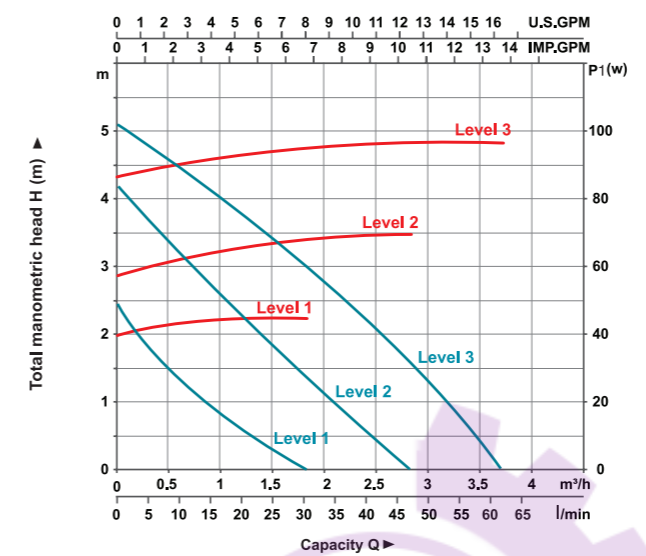
Hydraulic Performance Curves



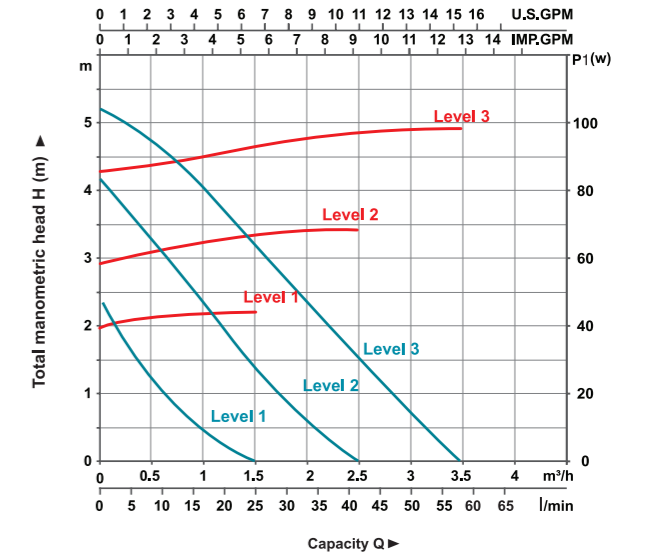
LRP25-50/180
— Q-H
— Q-P



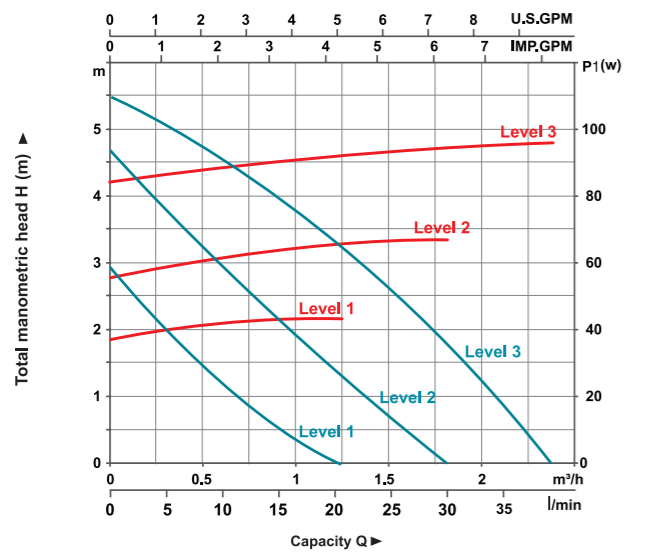
LRP32-50/180
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— Q-P



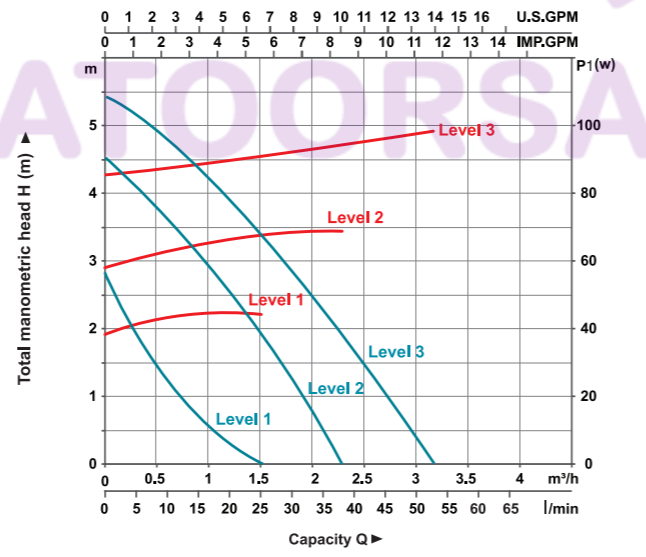
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— Q-P



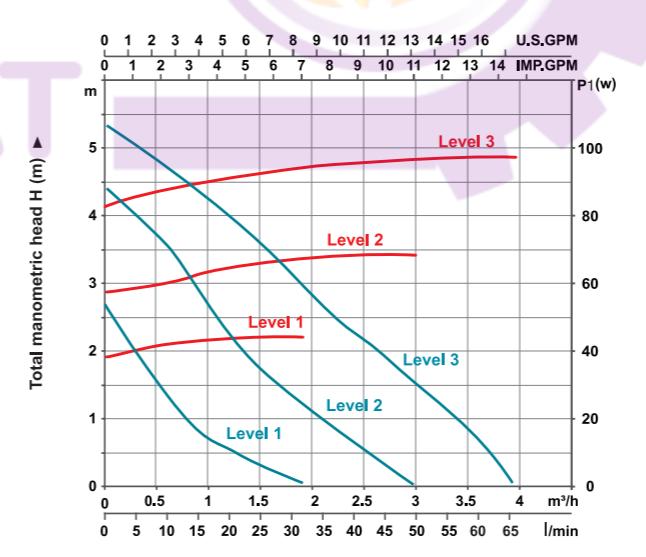
LRP25-60/130
— Q-H
— Q-P



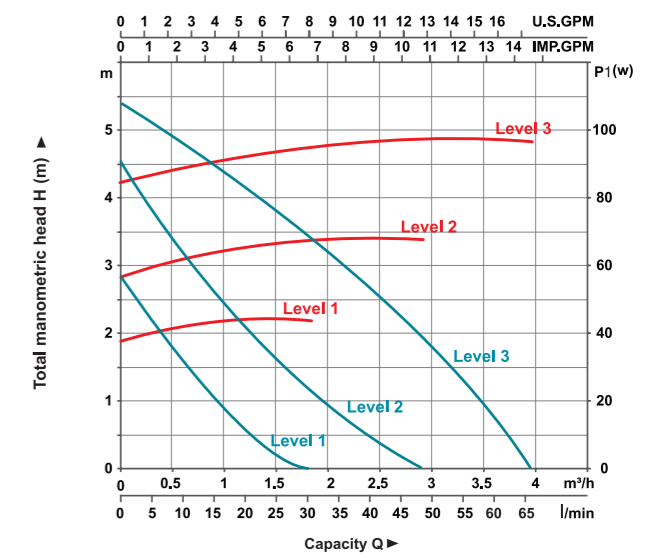
LRP15-60B/130
LRP15-60/130
— Q-H
— Q-P



LRP20-60/130
— Q-H
— Q-P



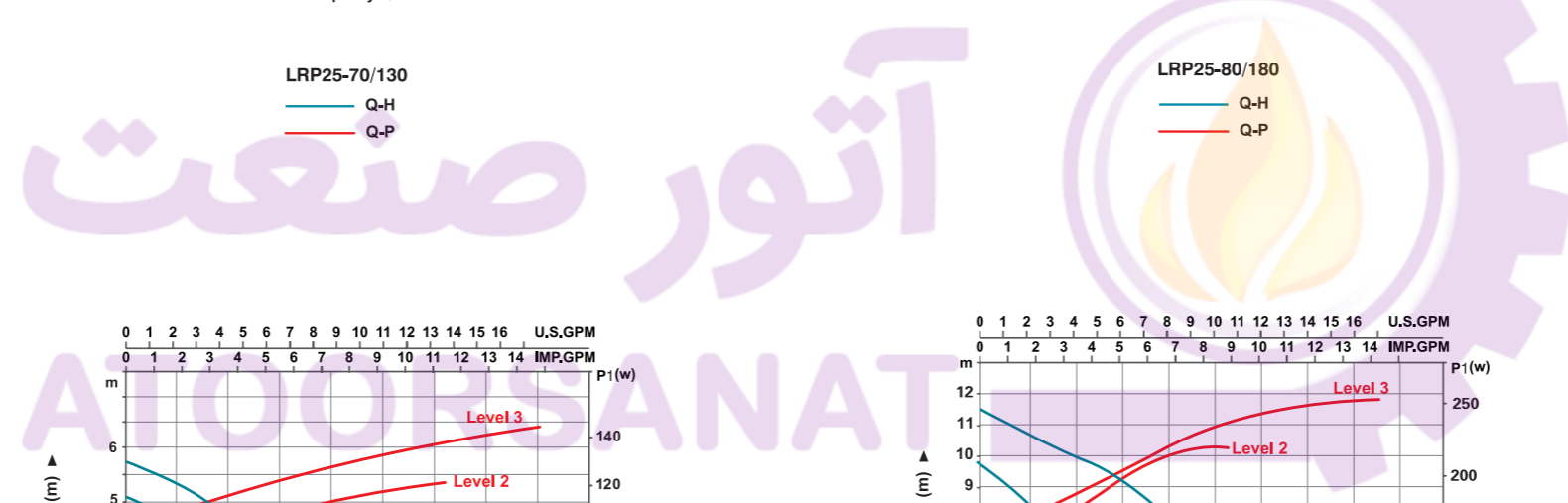
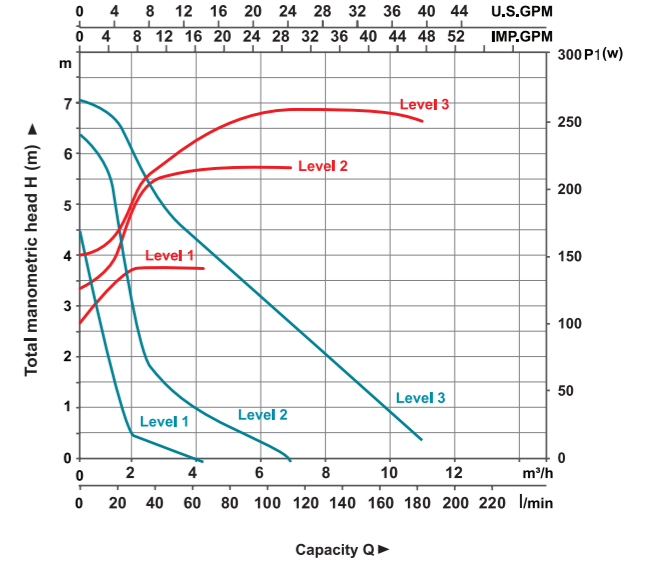
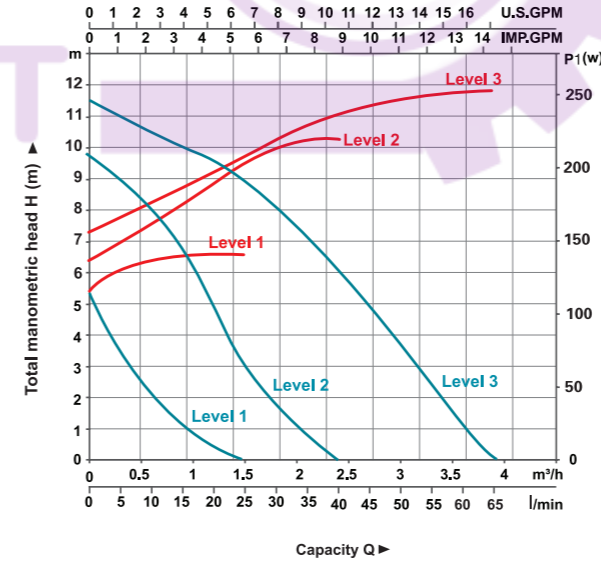
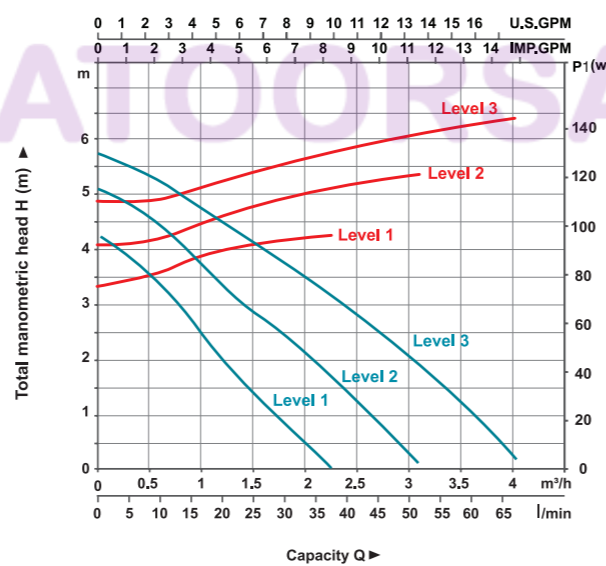
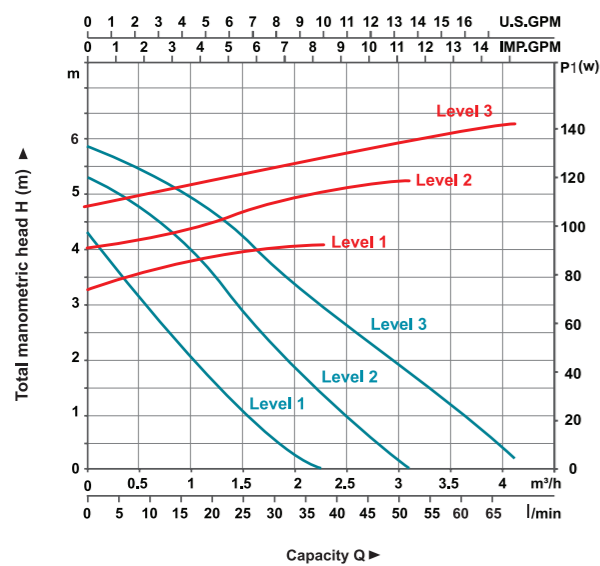
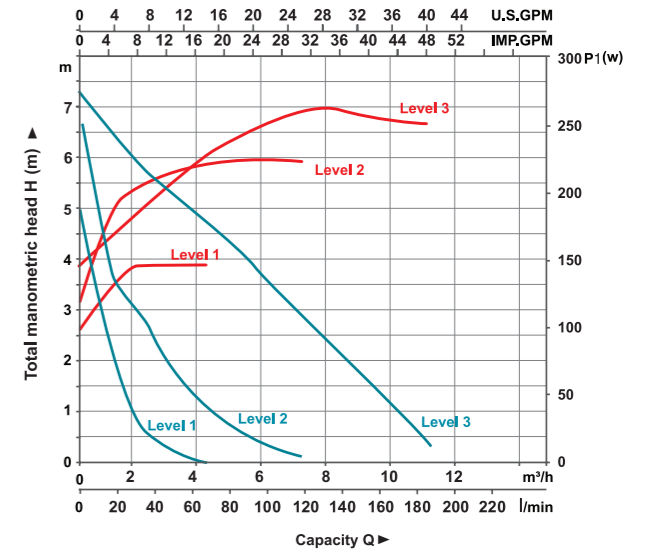
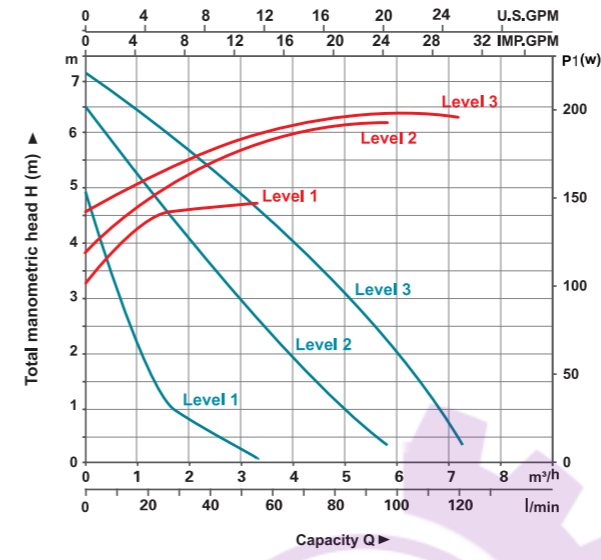
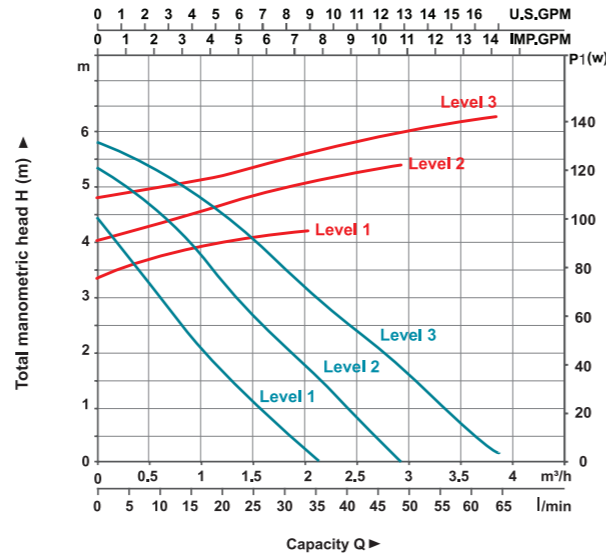
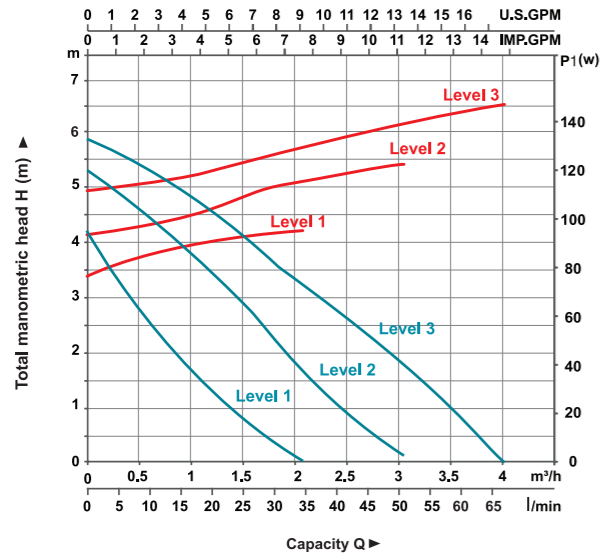
LRP25-60/180
— Q-H
— Q-P



LRP32-60/180
— Q-H
— Q-P



Hydraulic Performance Curves





Application

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

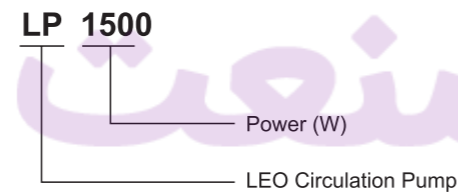
Pump

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

Motor

- Insulation class: B
- Protection class: IP44

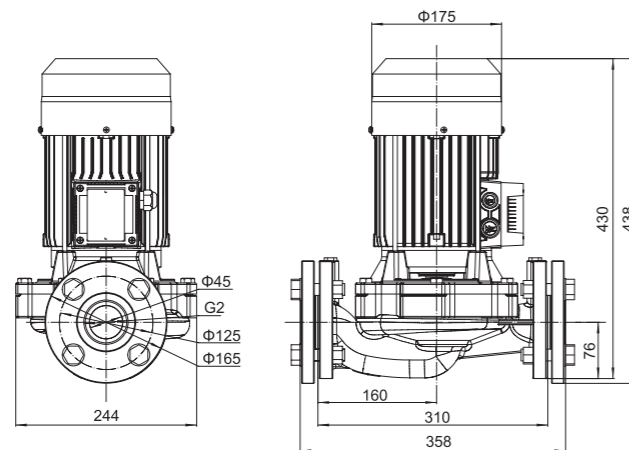
Identification Codes



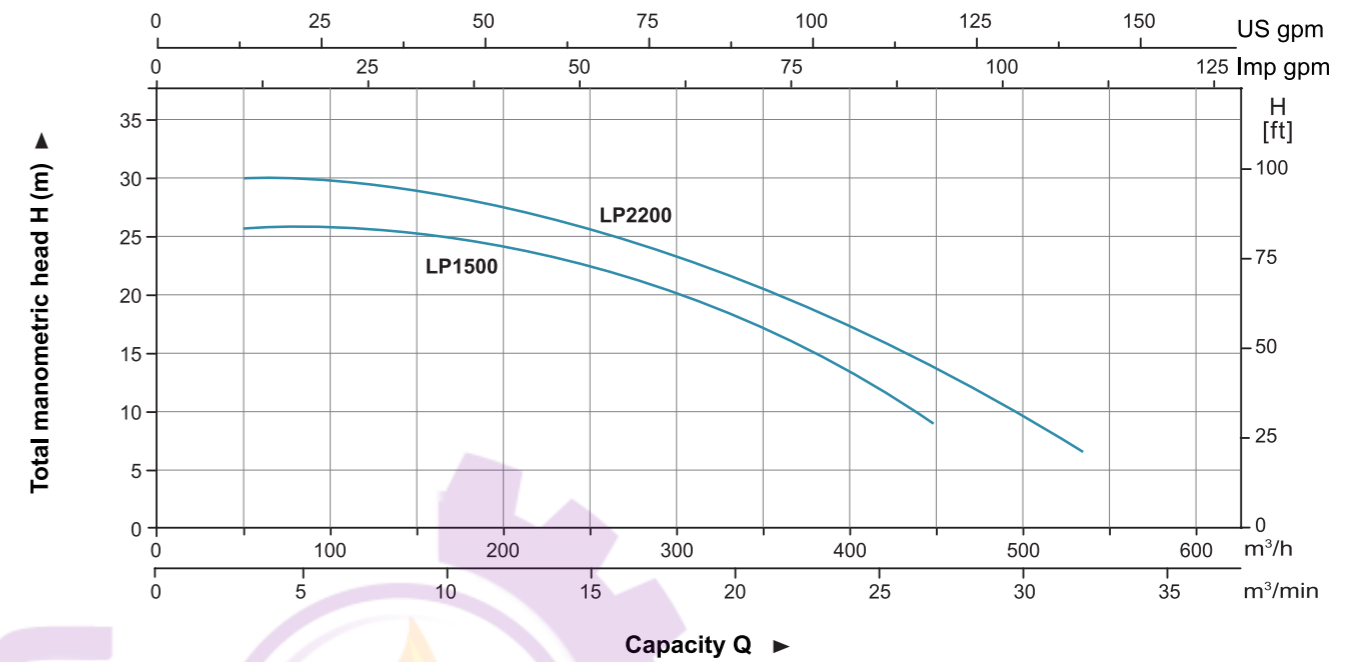
Technical Data

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
LP1500	1.5	2	H (m)	26	25	24	23	21	19	17	13	5	0
LP2200	2.2	3		34	33	32	30	28	26	23	20	12	8

Dimension

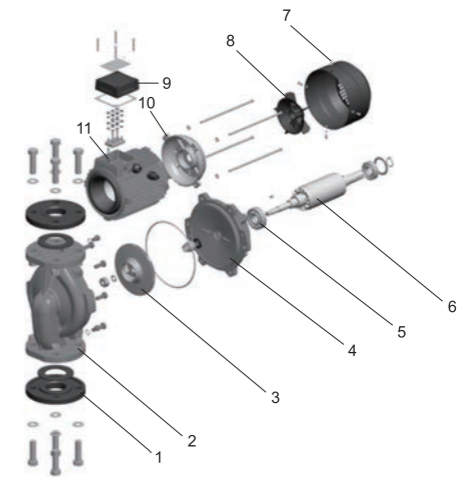


Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Flange	HT 200
2	Pump body	HT 200
3	Impeller	Brass
4	Support	HT 200
5	Bearing	
6	Rotor	
7	Fan cover	08F
8	Fan	PP
9	Terminal box	ABS
10	Rear cover	ZL102
11	Stator	



Package Information

Model	G.W (kg)	L (mm)	W (mm)	H (mm)
LP1500	37	450	325	375
LP2200	38.8	450	325	375

