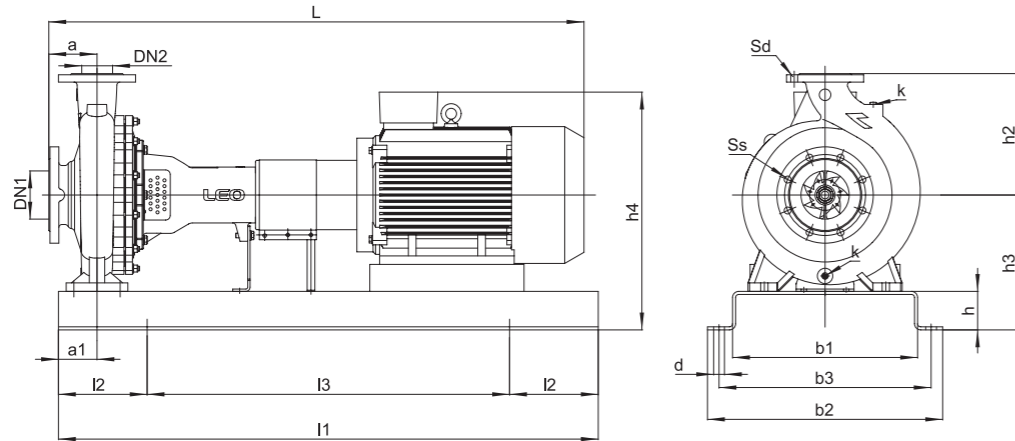


Dimension



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																						
LEN125-80-200B				431	1035																						
LEN125-80-200C				100	125	125	567	1265				1250	205	840	100	8-018		280	325	430	490	540					
LEN125-80-200D							431	1035																			
LEN125-80-200E							567	1265																			
LEN125-80-250							140	140				140	513	1166				1400	230	940	100	8-022	315	350	480	550	610
LEN125-80-250A													513	1166													
LEN125-80-250B													617	1388													
LEN125-80-250C				592	1350																						
LEN125-80-250D				150	150	150							592	1309	1250	205		840	125	8-022			315	350	480	550	610
LEN125-80-250E													592	1265													
LEN125-80-315	617	1388																									
LEN125-80-315A	125	125	125				488	1128	1120	190	740	100	8-018	300	100	430	490	540									
LEN125-80-315A							488	1128																			
LEN125-80-315B							469	1053																			
LEN125-80-315C				100	100	100	567	1324	1400	230	940			125	8-022	280	325	480	550	610							
LEN125-80-315C							567	1280																			
LEN125-80-315D							513	1181																			
LEN125-80-315E	140	140	140				649	1462	1400	230	940	125	8-022			315	350	480	550	610							
LEN125-100-200							649	1462																			
LEN125-100-200A							617	1403																			
LEN125-100-200B				150	150	150	617	1365	1324	1400	230			125	8-022	350	355	480	550	610							
LEN125-100-200C							592	1324																			
LEN125-100-200D							513	1181																			
LEN125-100-250	125	125	125				513	1181	1250	205	840	100	8-018			280	325	430	490	540							
LEN125-100-250A							513	1181																			
LEN125-100-250B							649	1462																			
LEN125-100-250C				140	140	140	649	1462	1400	230	940			125	8-022	315	350	480	550	610							
LEN125-100-250D							649	1462																			
LEN125-100-250E							617	1403																			
LEN125-100-250F	150	150	150				617	1365	1324	1400	230	125	8-022			350	355	480	550	610							
LEN125-100-315							592	1324																			
LEN125-100-315A							513	1181																			
LEN125-100-315A				125	125	125	592	1324	1250	205	840			100	8-018	280	325	430	490	540							
LEN125-100-315A							592	1324																			
LEN125-100-315B							649	1462																			
LEN125-100-315B	140	140	140				649	1462	1400	230	940	125	8-022			315	350	480	550	610							
LEN125-100-315B							649	1462																			
LEN125-100-315C							617	1403																			
LEN125-100-315C				150	150	150	617	1365	1324	1400	230			125	8-022	350	355	480	550	610							
LEN125-100-315C							617	1365																			
LEN125-100-315D							592	1324																			
LEN125-100-315D	125	125	125				592	1324	1250	205	840	100	8-018			280	325	430	490	540							
LEN125-100-315D							592	1324																			
LEN125-100-315E							649	1462																			
LEN150-125-250				150	150	150	649	1462	1400	230	940			125	8-022	315	350	480	550	610							
LEN150-125-250A							649	1462																			
LEN150-125-250B							617	1403																			
LEN150-125-250C	125	125	125				617	1365	1324	1400	230	100	8-018			300	100	430	490	540							
LEN150-125-250C							617	1365																			
LEN150-125-250D							592	1324																			
LEN150-125-250D				140	140	140	592	1324	1250	205	840			125	8-022	280	325	430	490	540							
LEN150-125-250D							592	1324																			
LEN150-125-250E							649	1462																			

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

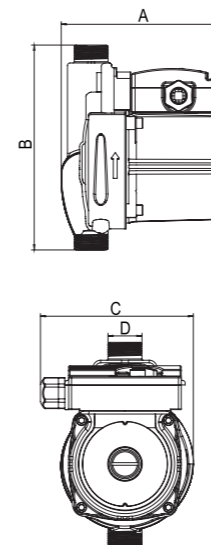
- Insulation class: H
- Protection class: IP42
- 99% alumina ceramic bearing
- Copper winding



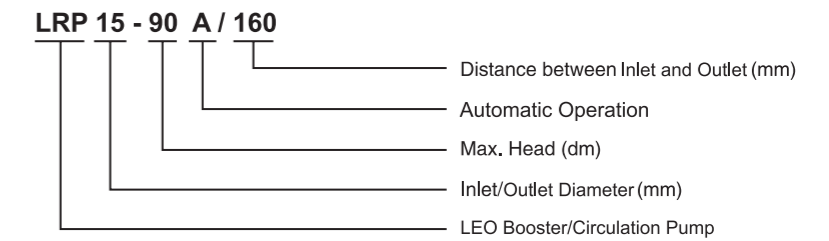
Connectors on request



Dimension Drawing



Identification Codes

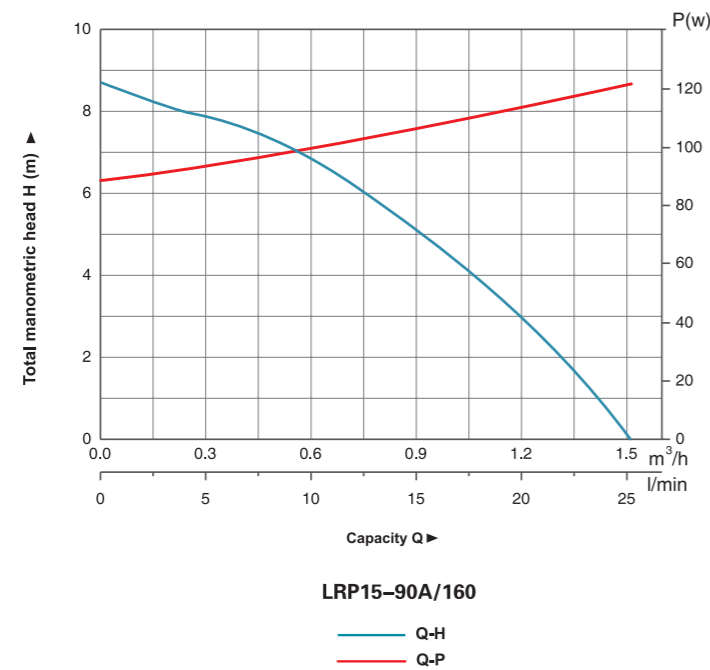


MODEL	A (mm)	B (mm)	C (mm)	D
LRP15-90A/160	129	160	120	G <sup>3/4</sup>

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	Φ15	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

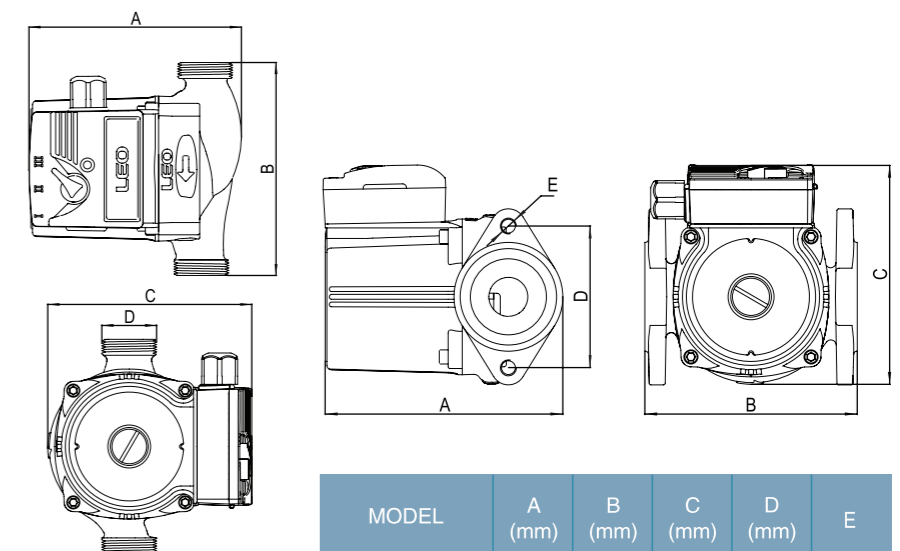
**Motor**

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

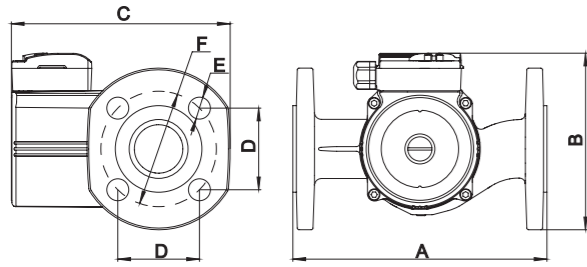


MODEL	A (mm)	B (mm)	C (mm)	D
LRP15-40/130	130	130	125	G1
LRP15-40B/130	130	130	125	G1
LRP20-40/130	130	130	125	G1.25
LRP25-40/130	130	130	125	G1.5
LRP25-40/180	130	180	125	G1.5
LRP32-40/180	135	180	125	G2
LRP15-50/130	130	130	125	G1
LRP15-50B/130	130	130	125	G1
LRP20-50/130	130	130	125	G1.25
LRP25-50/130	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**



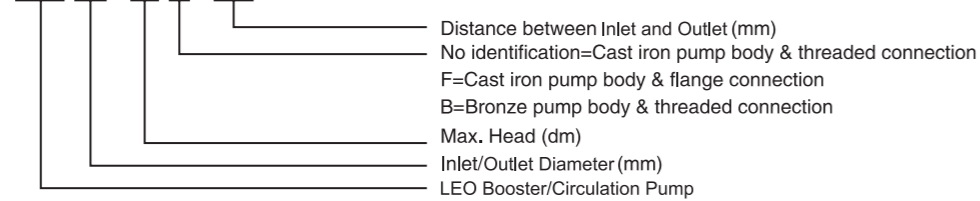
MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E
LRP21-40F/120	130	120	125	80	M10
LRP21-50F/120	130	120	125	80	M10
LRP21-60F/120	130	120	125	80	M10
LRP21-70F/120	130	120	125	80	M10



MODEL	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
LRP32-80F/220	220	150	191.5	70.7	Ø19	Ø100
LRP36-80F/200	200	138	174.5	63.6	Ø11.5	Ø90
LRP40-80F/250	250	155	196.5	77.8	Ø19	Ø110

**Identification Codes**

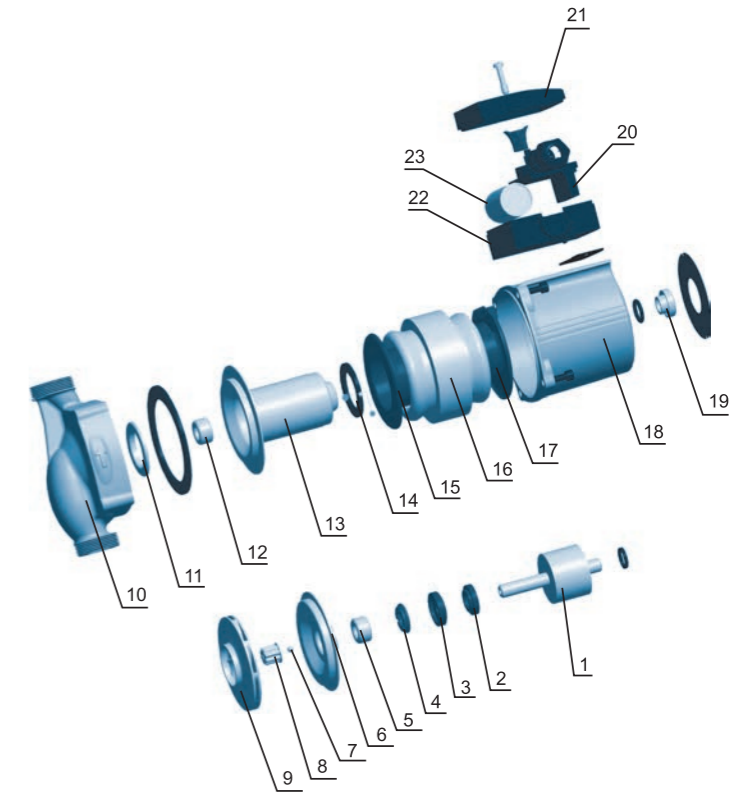
**LRP 15 - 50 B / 130**



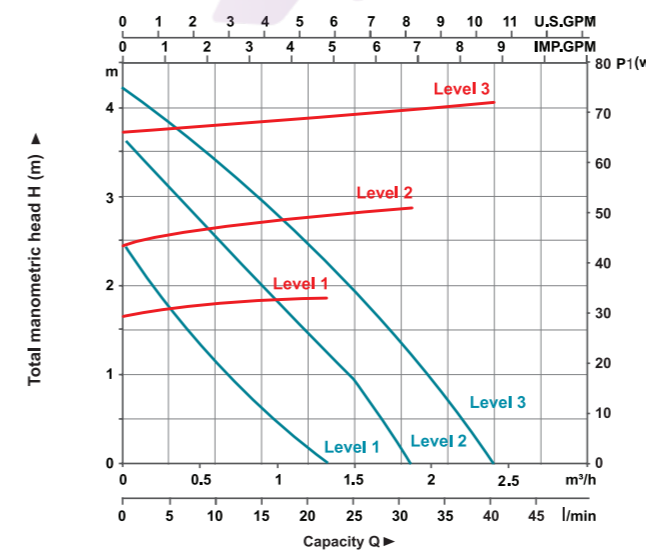
MODEL	POWER	POWER (W)			Max. Flow (l/min)	Max. Head (m)	Inet/Outlet (mm)	Pipe Size (inch)	N.W. (kgs)	G.W. (kgs)	Packing Size (mm)
		3	2	1							
LRP15-40/130	1~230V/50Hz	74	54	34	40/30/22	4.0/3.3/2.3	Ø15	1	2.32	2.45	154x143x153
LRP15-40B/130	1~230V/50Hz	74	54	34	40/30/22	4.0/3.3/2.3	Ø15	1	2.41	2.54	154x143x153
LRP20-40/130	1~230V/50Hz	74	54	34	45/35/25	4.0/3.3/2.3	Ø20	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	Ø21	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	Ø25	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	Ø25	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	Ø32	2	2.73	2.885	198x143x160
LRP15-50/130	1~230V/50Hz	85	60	40	40/32/23	4.5/3.8/2.5	Ø15	1	2.32	2.45	154x143x153
LRP15-50B/130	1~230V/50Hz	85	60	40	40/32/23	4.5/3.8/2.5	Ø15	1	2.41	2.54	154x143x153
LRP20-50/130	1~230V/50Hz	85	60	40	47/37/25	4.5/3.8/2.5	Ø20	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	Ø21	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	Ø25	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	Ø25	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	Ø32	2	2.73	2.885	198x143x160
LRP15-60/130	1~230V/50Hz	96	69	45	40/32/23	5.5/4.5/2.8	Ø15	1	2.32	2.45	154x143x153
LRP15-60B/130	1~230V/50Hz	96	69	45	40/32/23	5.5/4.5/2.8	Ø15	1	2.41	2.54	154x143x153
LRP20-60/130	1~230V/50Hz	96	69	45	53/37/25	5.5/4.5/2.8	Ø20	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	Ø21	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	Ø25	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	Ø25	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	Ø32	2	2.73	2.885	198x143x160
LRP21-70F/120	1~230V/50Hz	150	130	105	67/50/37	6.3/6.0/5.2	Ø21	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	Ø25	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	Ø25	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	Ø32	2	2.75	2.905	198x143x160
LRP25-80/180	1~230V/50Hz	200	190	160	120/100/60	7.1/6.5/5.5	Ø28	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	Ø42	2	4.75	5.09	192x170x190
LRP32-80F/220	1~230V/50Hz	270	245	160	170/113/65	7.3/6.7/5.4	Ø42	2	7.57	8	235x181x207
LRP36-80F/200	1~230V/50Hz	270	245	160	170/113/65	7.3/6.7/5.4	Ø42	2	5.98	6.36	214x170x190
LRP40-80F/250	1~230V/50Hz	270	245	160	170/113/65	7.3/6.7/5.4	Ø42	2	8.27	8.74	264x186x212
LRP25-120/180	1~230V/50Hz	270	245	160	67/38/22.5	11.5/10/6.3	Ø18	1.5	4.62	4.96	192x170x190

**Materials Table**

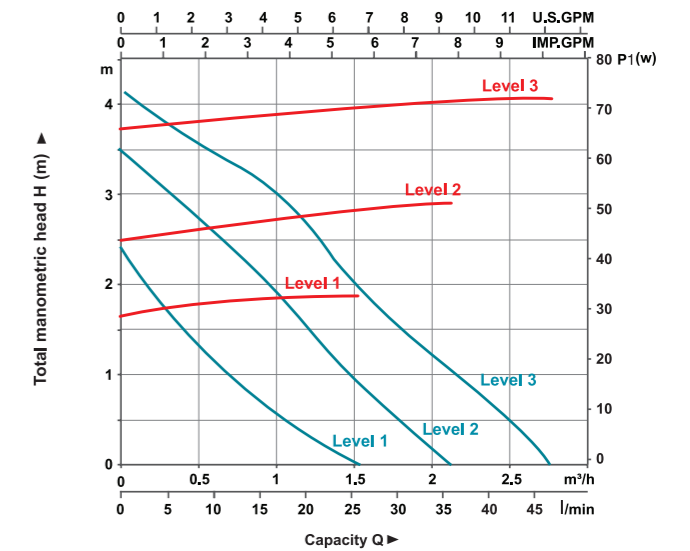
No.	Part	Material
1	Rotor	
2	Thrust bearing adjusting mat	Noryl
3	Thrust bearing rubber mat	Silicon rubber
4	Thrust bearing	Graphite
5	Front bearing	Alumina
6	Pump support cover	Stainless steel
7	Check ball	Silicon rubber
8	Locking	Stainless steel
9	Impeller	PPO
10	Pump body	Cast iron/Bronze
11	Pump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

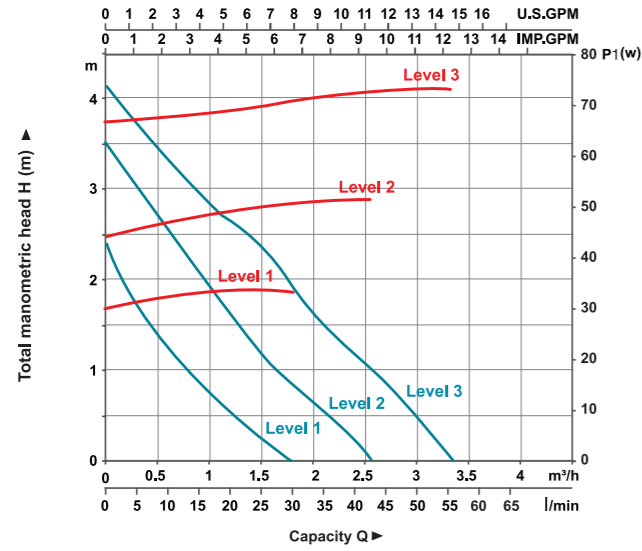


LRP15-40B/130  
LRP15-40/130  
— Q-H  
— Q-P

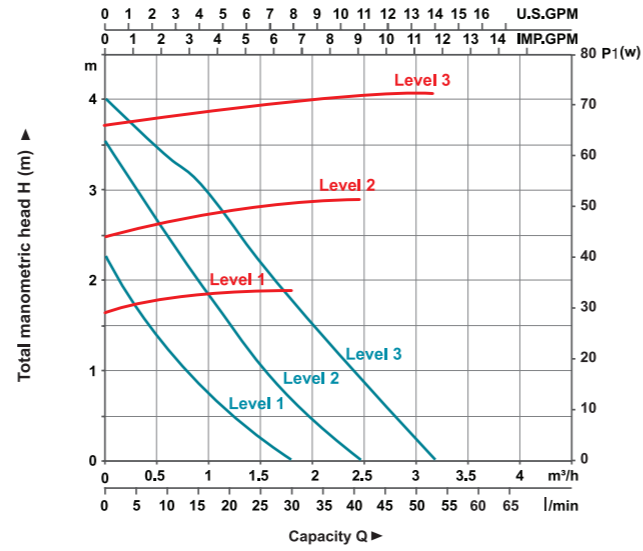


LRP20-40/130  
— Q-H  
— Q-P

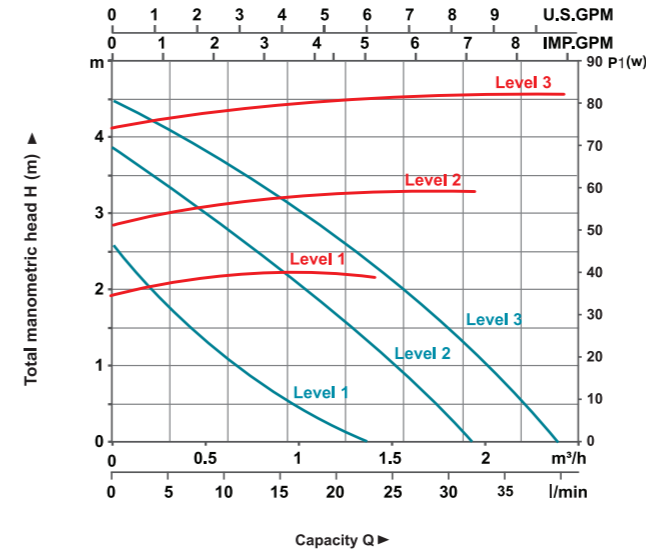
### Hydraulic Performance Curves



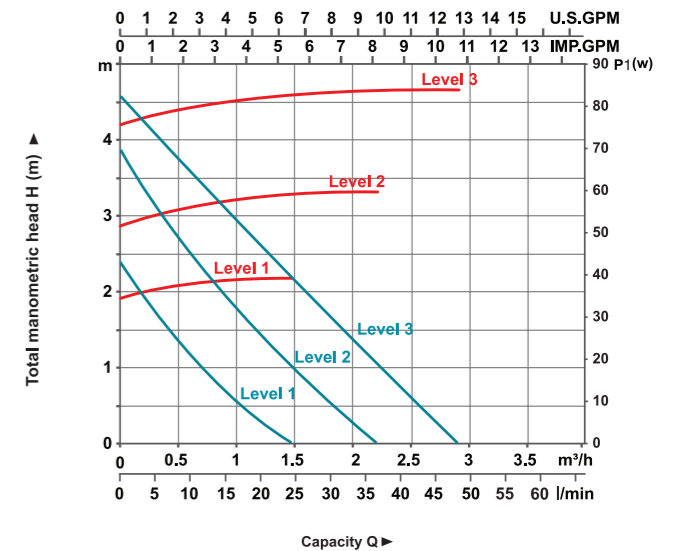
LRP21-40F/120  
— Q-H  
— Q-P



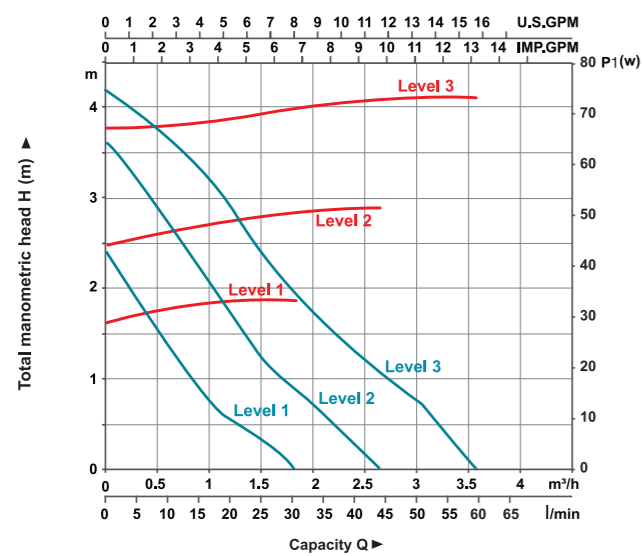
LRP25-40/130  
— Q-H  
— Q-P



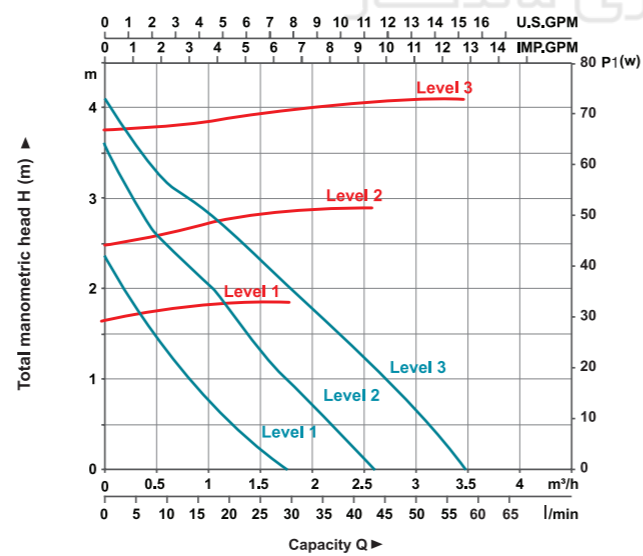
LRP15-50B/130  
LRP15-50/130  
— Q-H  
— Q-P



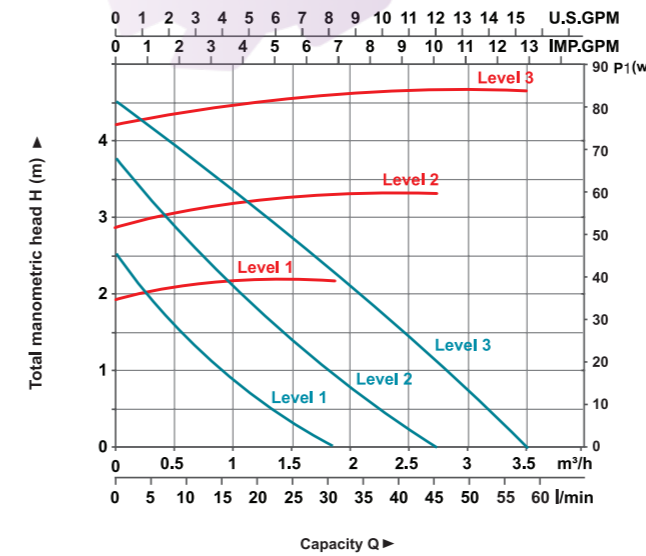
LRP20-50/130  
— Q-H  
— Q-P



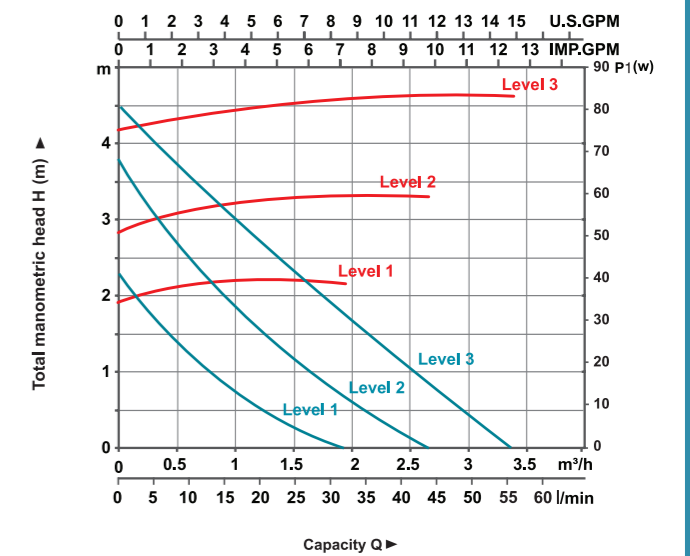
LRP25-40/180  
— Q-H  
— Q-P



LRP32-40/180  
— Q-H  
— Q-P

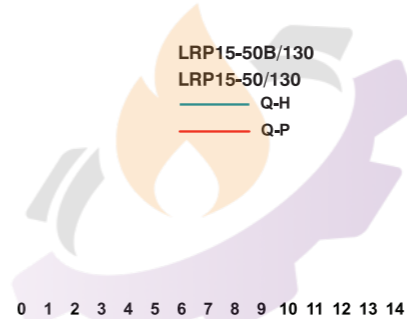


LRP21-50F/120  
— Q-H  
— Q-P

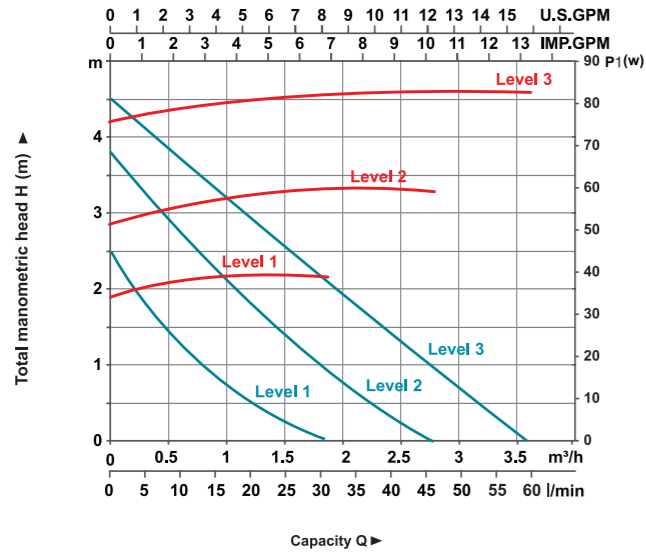


LRP25-50/130  
— Q-H  
— Q-P

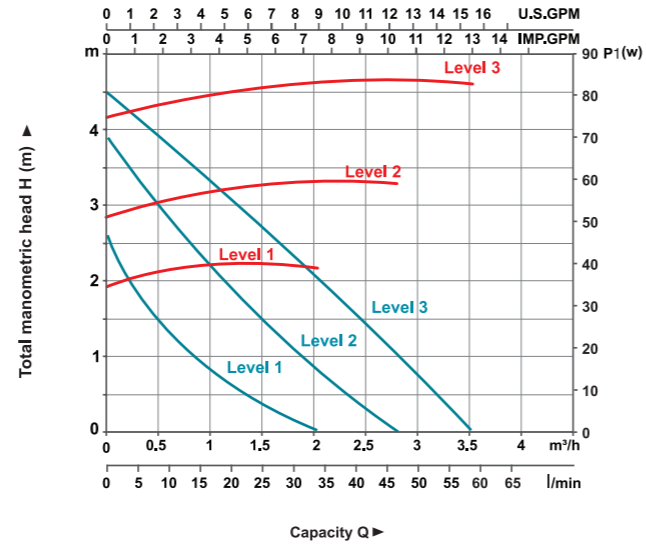
آتور صنعت  
اعتباری ماندگار



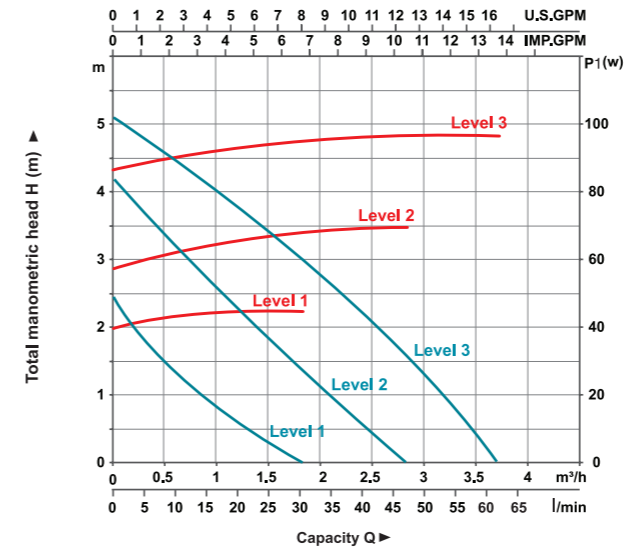
### Hydraulic Performance Curves



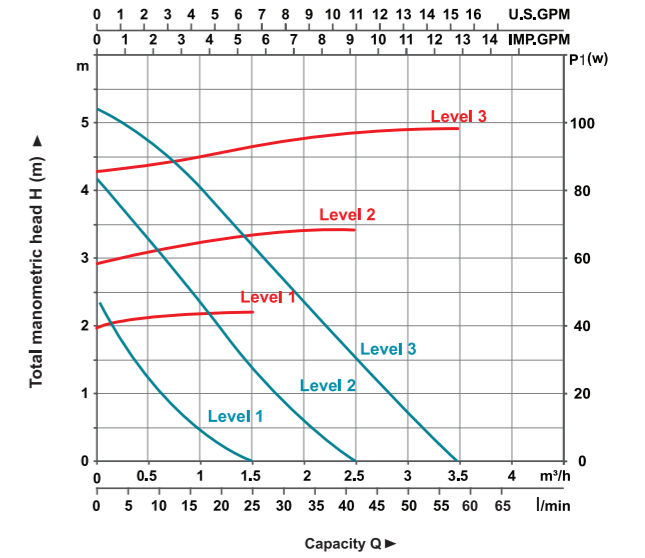
**LRP25-50/180**  
— Q-H  
— Q-P



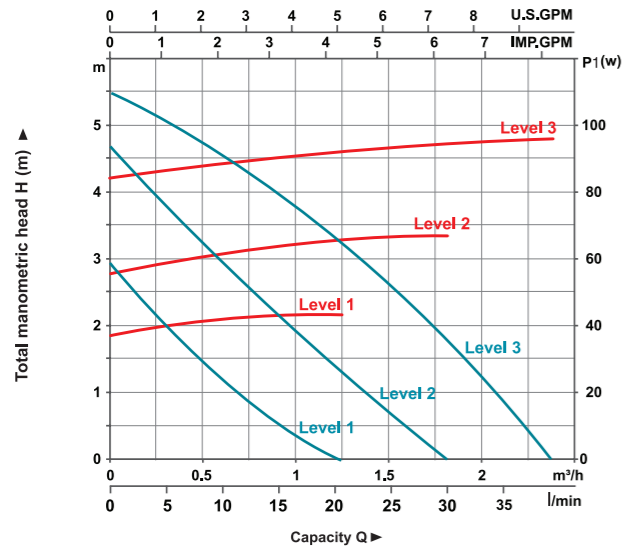
**LRP32-50/180**  
— Q-H  
— Q-P



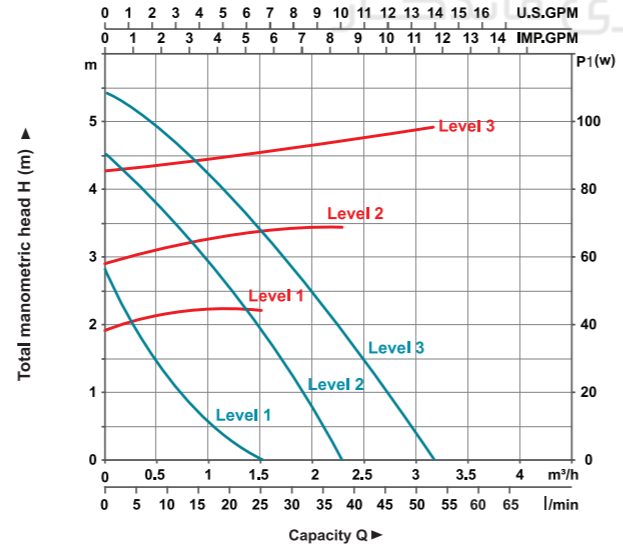
**LRP21-60/120**  
— Q-H  
— Q-P



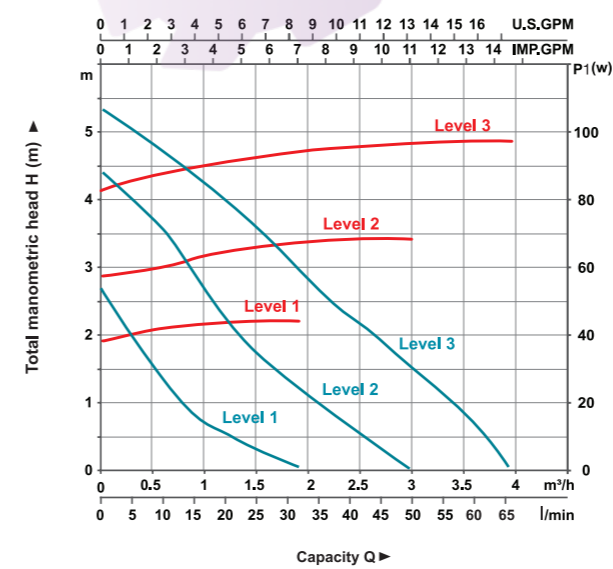
**LRP25-60/130**  
— Q-H  
— Q-P



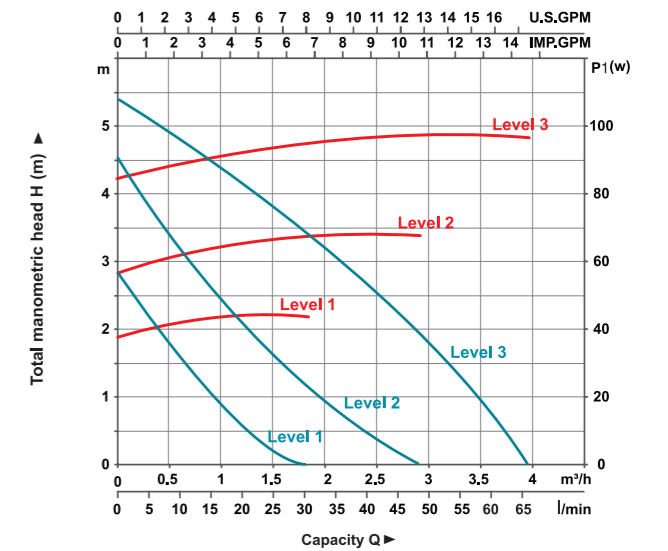
**LRP15-60B/130**  
**LRP15-60/130**  
— Q-H  
— Q-P



**LRP20-60/130**  
— Q-H  
— Q-P

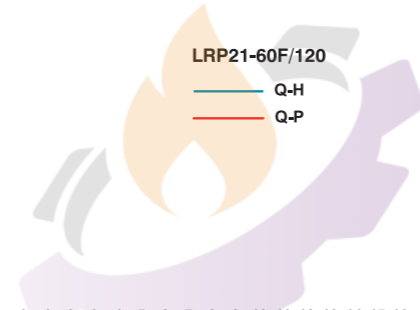


**LRP25-60/180**  
— Q-H  
— Q-P

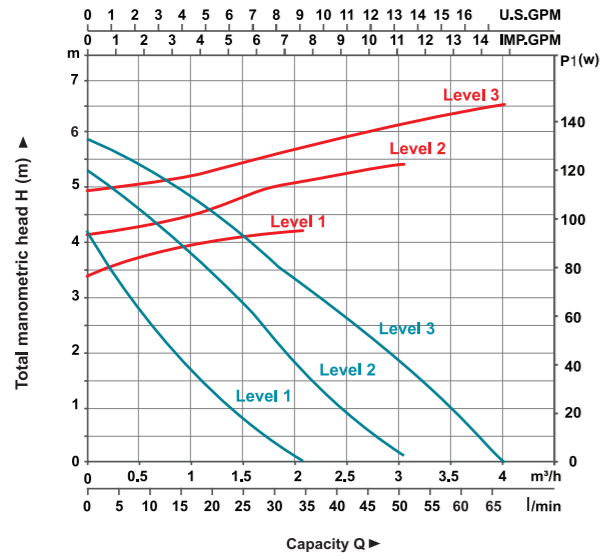


**LRP32-60/180**  
— Q-H  
— Q-P

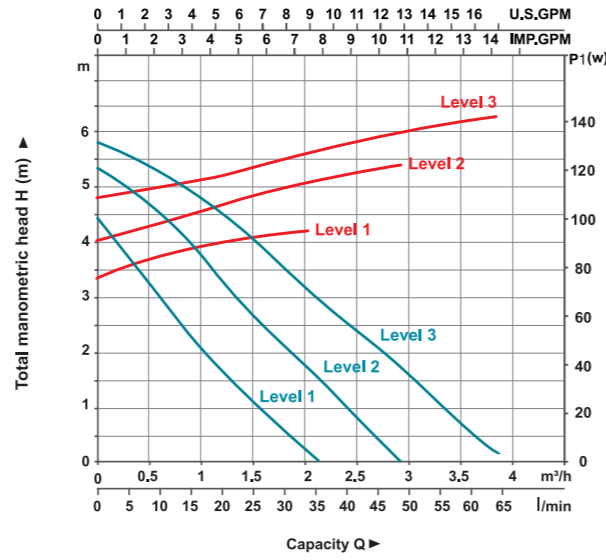
آتور صنعت  
اعتباری سازندگان



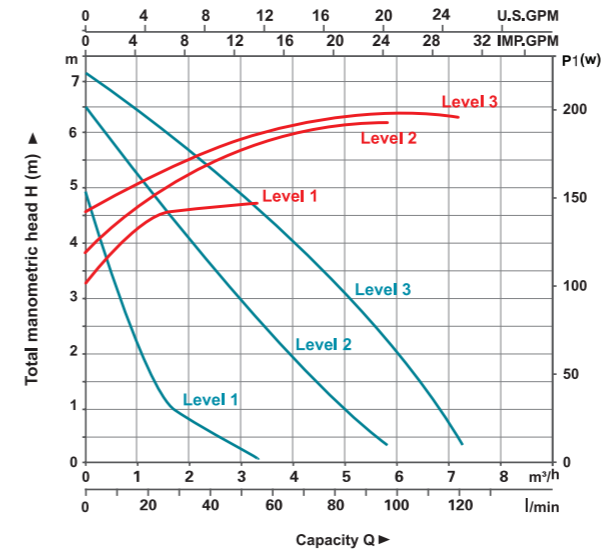
### Hydraulic Performance Curves



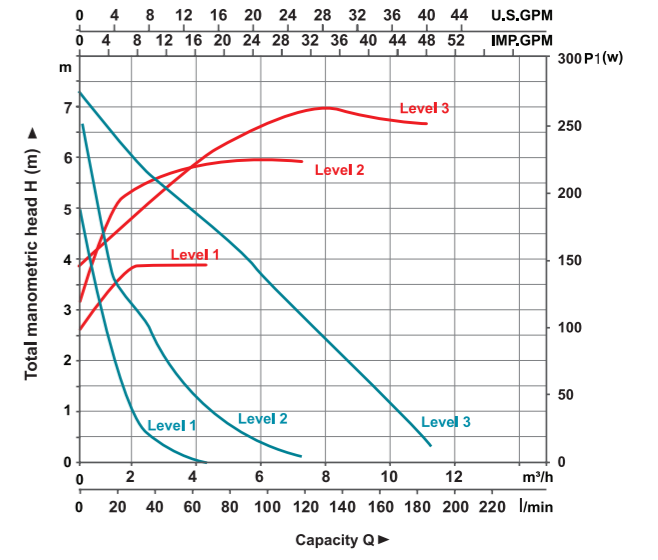
**LRP21-70F/120**  
— Q-H  
— Q-P



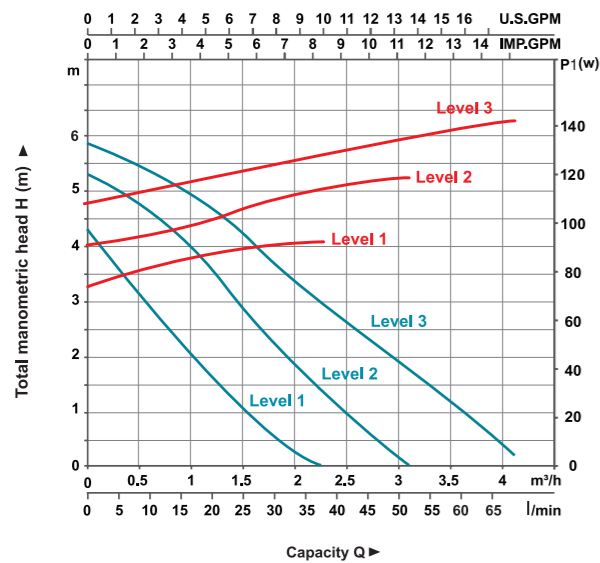
**LRP25-70/130**  
— Q-H  
— Q-P



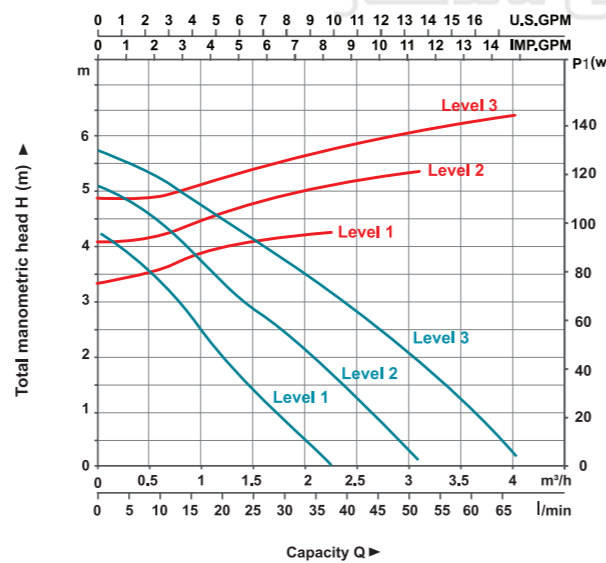
**LRP25-80/180**  
— Q-H  
— Q-P



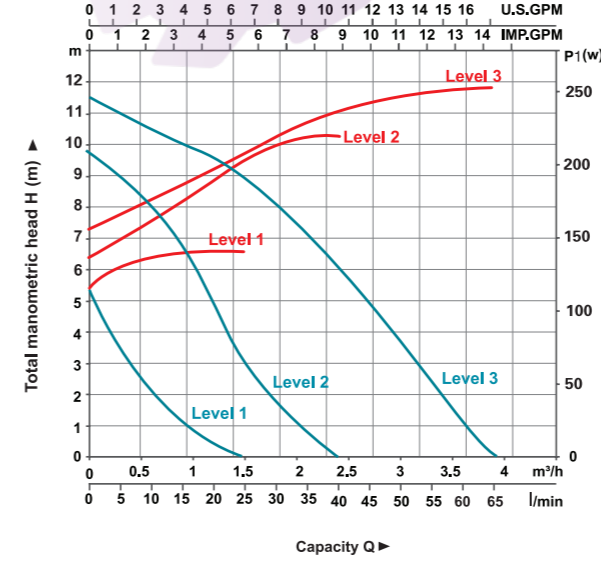
**LRP32-80/180**  
**LRP32-80F/220**  
**LRP36-80F/200**  
— Q-H  
— Q-P



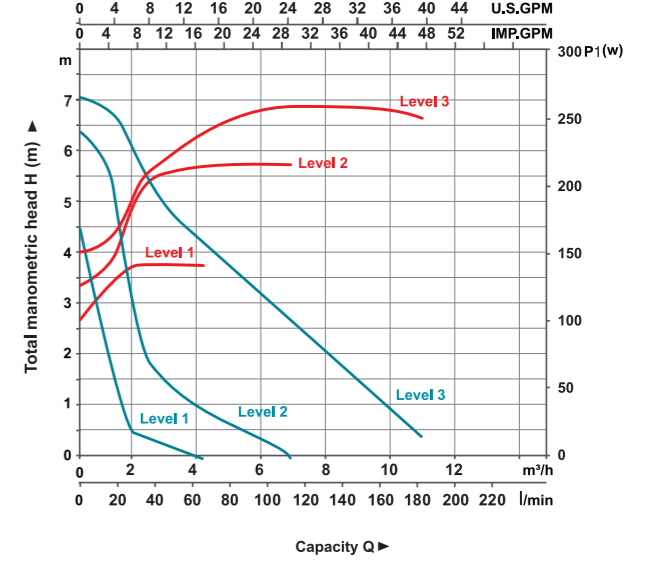
**LRP25-70/180**  
— Q-H  
— Q-P



**LRP32-70/180**  
— Q-H  
— Q-P

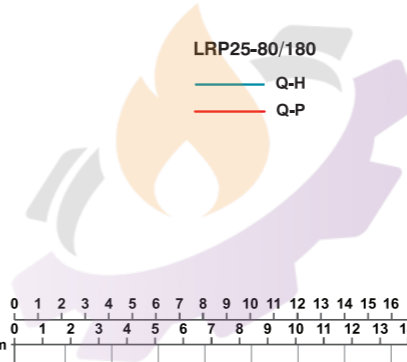


**LRP25-120/180**  
— Q-H  
— Q-P



**LRP40-80F/250**  
— Q-H  
— Q-P

آتور صنعت  
اعتباری ماندگار





### Application

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

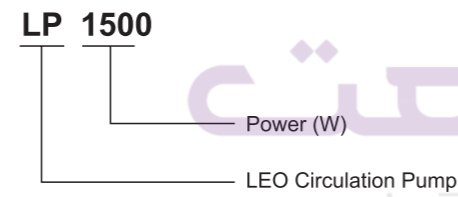
### Pump

- 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

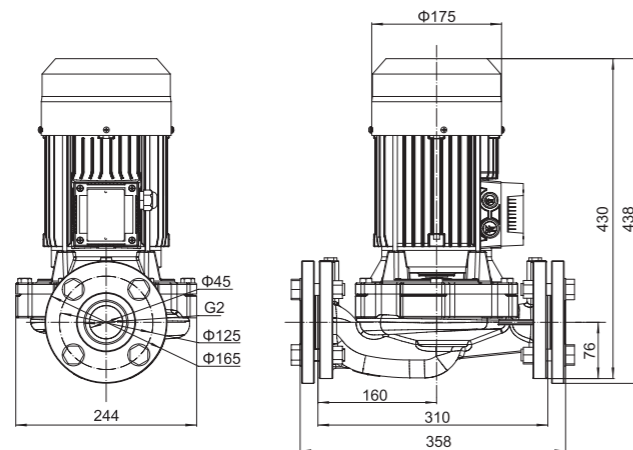
### Identification Codes



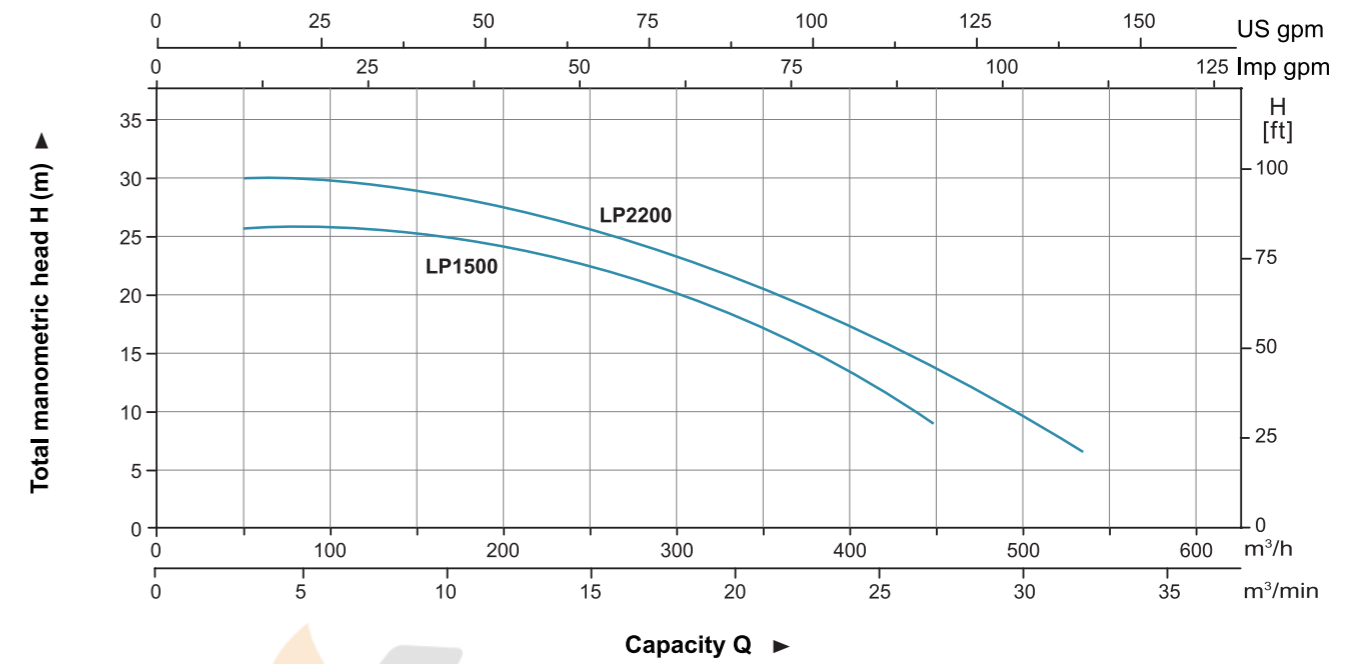
### Technical Data

Model	Power		Q(m³/h)	Q(l/min)											
	kW	HP		0	6	9	12	15	18	21	24	30	32		
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

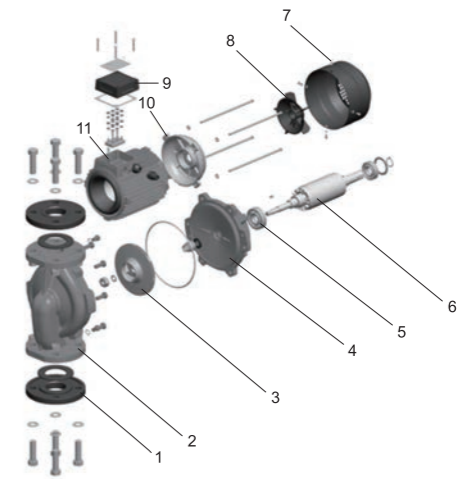


### Hydraulic Performance Curves



### 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

