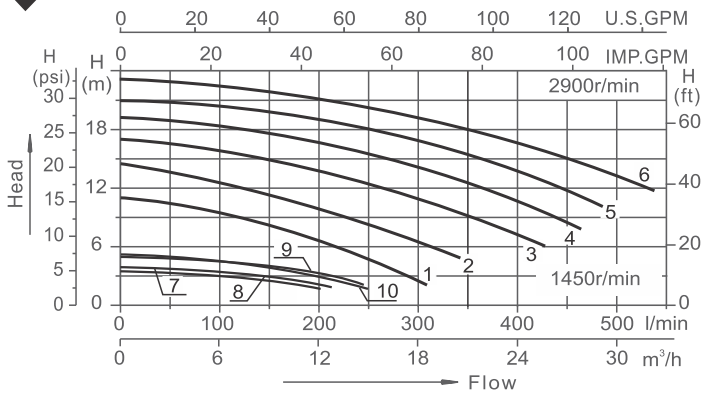
Hydro Max Series

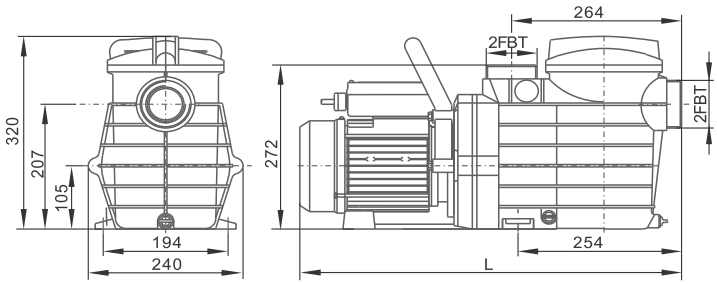
Performance curves



Overall dimension

Model	L
RTL0.75HM	593
RTL1HM	
RTL1.5HM	
RTL2HM	
RTL2.5HM	
RTL3HM	609

Model	L
RTL1.5HM-A	628
RTL2HM-A	
RTL2.5HM-A	
RTL3HM-A	
RTL1.5HM-A-II	646
RTL2HM-A-II	
RTL2.5HM-A-II	
RTL3HM-A-II	



Technical parameter list

Model	Qmax (l/min)	Hmax (m)	Curves	V/Hz	Power(P_1) kW	Power(P_1) HP	Amps	Fitting size (mm)	G.W (Kg)	Packing size (mm)
RTL0.75HM	290	10	1	380V/50Hz	0.55	0.75	3.2	60.3or63	14.6	635×275×380
RTL1HM	380	13	2	380V/50Hz	0.75	1.0	3.8	60.3or63	16	635×275×380
RTL1.5HM	420	17	3	380V/50Hz	1.1	1.5	5.2	60.3or63	17.3	635×275×380
RTL2HM	465	19	4	380V/50Hz	1.5	2.0	7.0	60.3or63	19	635×275×380
RTL2.5HM	480	21	5	380V/50Hz	1.85	2.5	8.6	60.3or63	20.8	635×275×380
RTL3HM	540	23	6	380V/50Hz	2.2	3.0	10	60.3or63	22.3	650×275×380
RTL1.5HM-A	420	18.5	3	380V/50Hz	1.1	1.5	5.2	60.3or63	19.3	670×275×380
RTL2HM-A	465	19.5	4	380V/50Hz	1.5	2.0	7.0	60.3or63	21	670×275×380
RTL2.5HM-A	480	21	5	380V/50Hz	1.85	2.5	8.6	60.3or63	23	670×275×380
RTL3HM-A	540	23	6	380V/50Hz	2.2	3.0	10	60.3or63	24.1	670×275×380
RTL1.5HM-A-II	200	4.0	7	380V/50Hz	(Low speed) 0.3	3/8	2.2	60.3or63	20	685×275×380
	420	18.5	3		(Hight speed)1.1	1.5	5.2			
RTL2HM-A-II	215	4.5	8	380V/50Hz	(Low speed) 0.35	3/8	2.4	60.3or63	22	685×275×380
	465	19.5	4		(Hight speed)1.5	2.0	7.0			
RTL2.5HM-A-II	230	5	9	380V/50Hz	(Low speed) 0.4	1/2	2.8	60.3or63	24	685×275×380
	480	21	5		(Hight speed)1.85	2.5	8.6			
RTL3HM-A-II	250	5.5	10	380V/50Hz	(Low speed) 0.45	5/8	3.2	60.3or63	24.8	685×275×380
	540	23	6		(Hight speed)2.2	3.0	10			

230V/60Hz Version on request

Working conditions

Medium temperature:

5-50℃

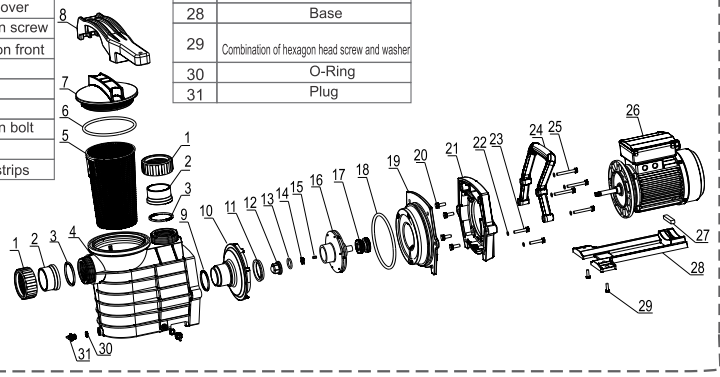
Environmental temperature:

≤50℃

Max.working pressure:

0.3MPa

NO.	Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Pump Casing
5	Filter
6	O-Ring
7	Transparent Cover
8	Spanner
9	O-Ring
10	Guide plate
11	Impeller activity ring
12	Impeller Nut
13	Spring washer
14	O-Ring
15	Flat Key
16	Impeller
17	Mechanical seal
18	O-Ring

NO.	Name
19	Pump Cover
20	Hexagon screw
21	Transition front
22	Washer
23	
24	Handle
25	Hexagon bolt
26	Motor
27	Plastic strips

NO.	Name
28	Base
29	Combination of hexagon head screw and washer
30	O-Ring
31	Plug