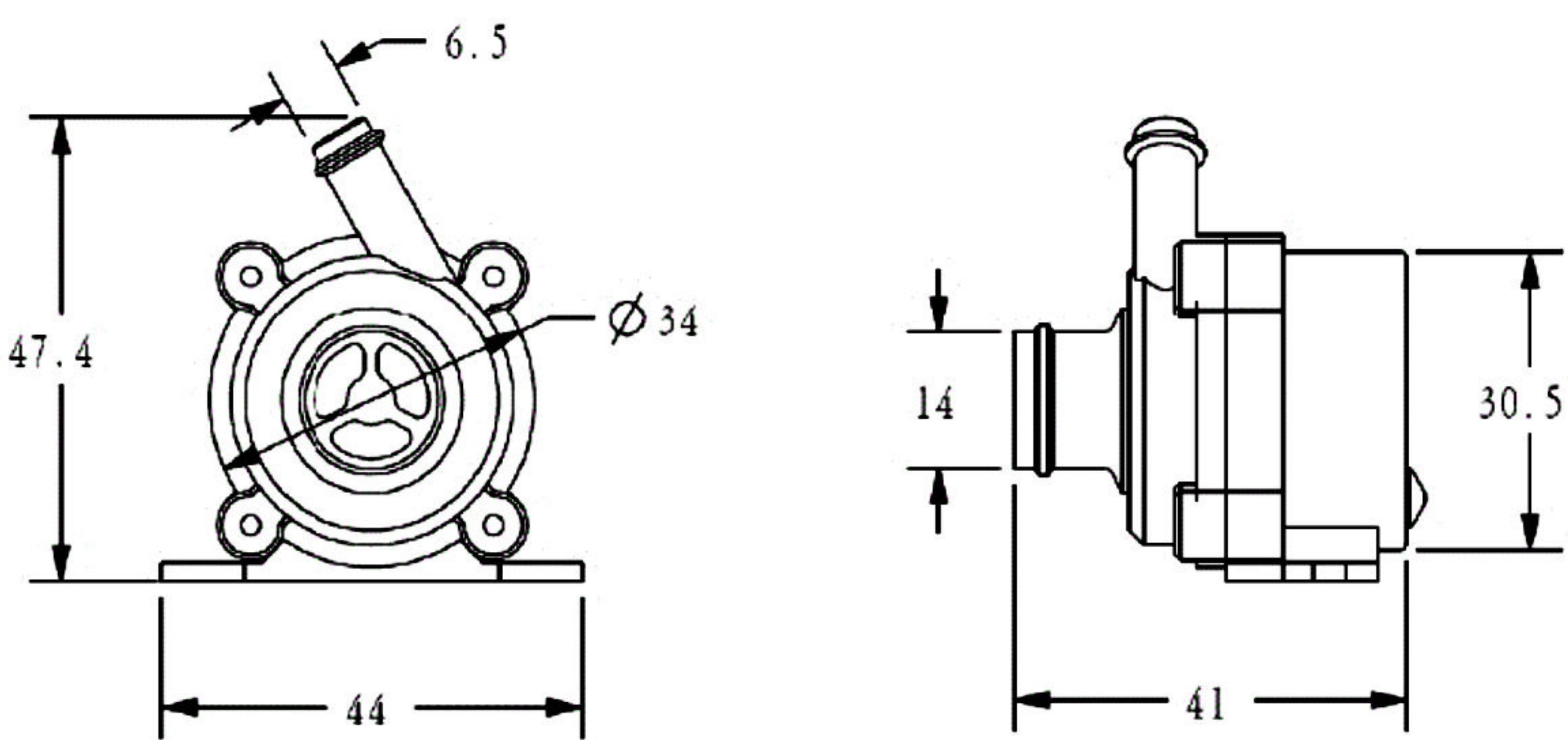


BLDC Water Pump

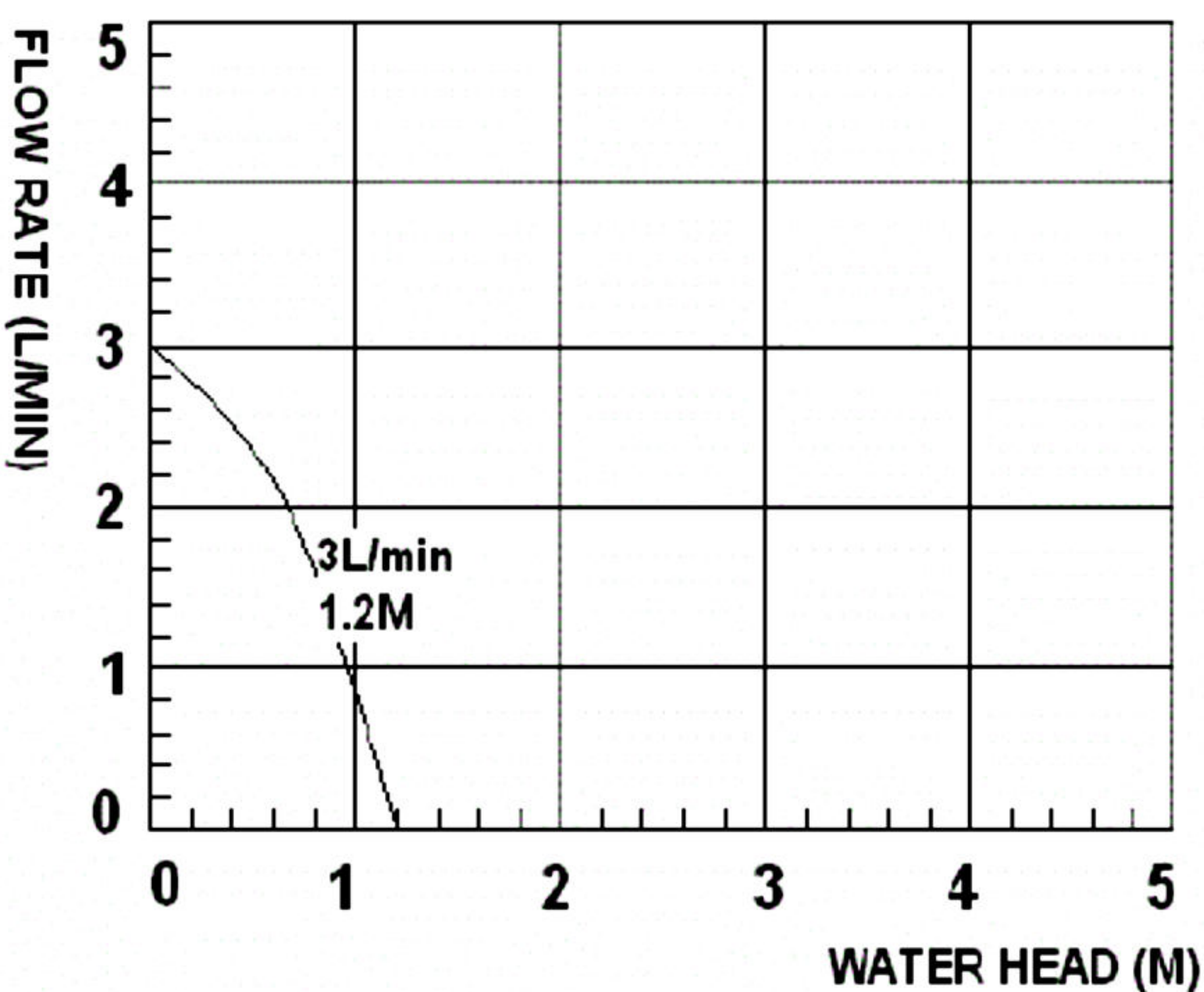
BLPT3441 (12V)



DIMENSION



PERFORMANCE CURVE



SPECIFICATIONS

Part Name	3 Phases motor Brushless DC Pump
Bearing type	Alumina ceramics
Housing Material	PPS
Lead wire	adhibited wires red+"/black"-, wire length 180mm ±10mm
Net weight	60g/PC

ELECTRICAL CHARACTERISTICS

NO	ITEMS	SPECIFICATION	NOTE
1	Phases.poles	3 phases, 6Poles	
2	Rated Voltage	DC12(V)	
3	Operation Voltage	9-14V	
4	Rated current	0.3A ±10%	DC 12V
5	Working rated	Continuous	
6	Input power	3.6W	
8	Maximum flow rate	2.7L/min (at 0 head and open outlet)	
9	Maximum water head	1.6M (Circumgyrate orientation)	
10	Operating Temperature	< 70 °C (Motor surface)	
11	Starting voltage	≥ 9V	
13	NOISE	35 DB/MAX	1M distance
14	Lifetime	25000H	At rated speed
15	Coil Insulation class	Class E	
16	Insulation resistance		
	more than DC500V/10MΩ between the bracket and terminal		
17	Insulation endurance		
	AC500/60S or AC600V/1S between the bracket and terminal, leakage current of 1mA		

OPERATION RANGE

1	Ambient temperature	0-50°C
2	Ambient humidity	under 90%RH
3	Operation Liquid	pure water
4	Liquid temperature	0-100°C
5	Operation site	1n house