Pump Specification Sheet

Doc. ID.	RD-004
Date	7/15/2021
Version	4

PSS Information

Part Number:	LH6000500	Description:	D5-38/700B	Version:	-	PSS No.:	1272
Project No.:	-	Serial No.:	2023112910057	Technical code:		-	
Report No.:	LMR_771	Platform:	D5 8bit	Customer:		-	
Description of sample if different from BOM:							

Specification

Input voltage range [V]	8-24	Control type		Variable with Knob		Insulation	Class 155
System frequency [Hz]	DC	Max. pressure [bar]		10	IP class	IP42	Temp. class	TF95
Max. input power [W]	37	Speed range [RPM]		1800-4800	EEI	0,22	PWM type	N/A
Operating temperature range [°C]	Media:	5 - 95	Ambient:	10 - 50	Storage:	-20 - 50	Media type:	Water, Glycol (Max 50%)

Not Freezing, Not Condensing

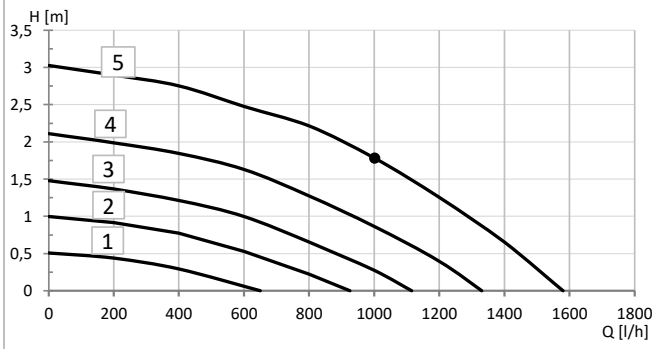
Hydraulics performance and temperature conditions 24V

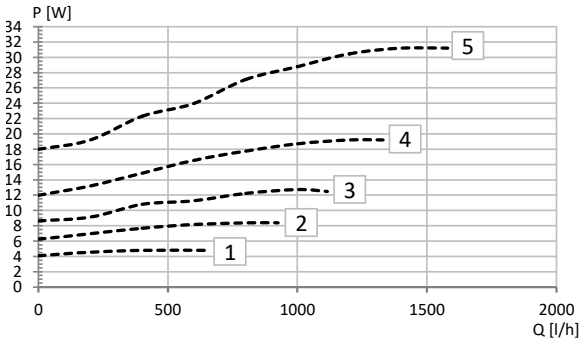
Theoretical maximum parameters		Operational point (QH max.)		Custom operational point	
Hydraulic power [W]	4,85	P [W]	28,8	P [W]	N/A
Max. head [m]	3,03	H [m]	1,78	H [m]	N/A
Max. flow [l/h]	1580	Q [l/h]	1000	Q [l/h]	N/A

Hydraulics performance and temperature conditions 12V

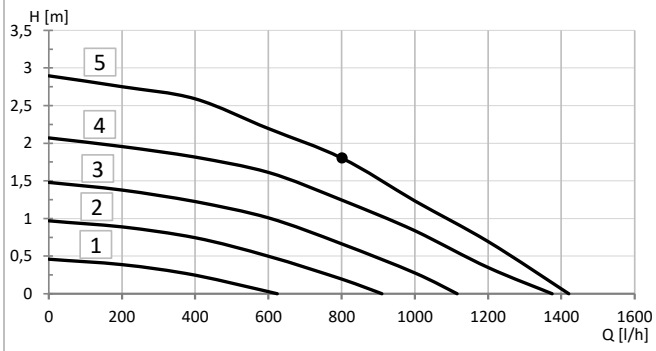
Theoretical maximum parameters		Operational point (QH max.)		Custom operational point	
Hydraulic power [W]	3,93	P [W]	22,3	P [W]	N/A
Max. head [m]	2,90	H [m]	1,81	H [m]	N/A
Max. flow [l/h]	1420	Q [l/h]	800	Q [l/h]	N/A

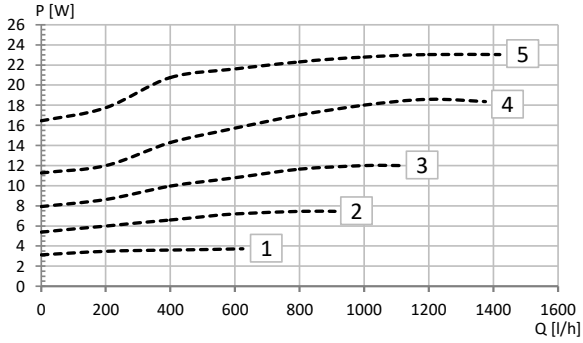
Performance curves 24V





Performance curves 12V





Additional information

Allowed mounting positions	Connection size	1/2" thread connection
	Weight	620 g
	Dimensions (LxWxH)	72 x 72 x 83

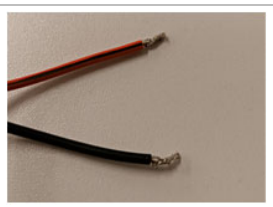
Pump

Label

PWM: N/A

Cable pinout

Red - Positive
Black - Negative



Other:

Certifications	CE	Date	2023.12.08