

ALPHACOOOL

ALPHACOOOL – THE COOLING COMPANY

Alphacool Laing Pump

Model: VPP-655 PWM Single Version

Ceramic Bearing Ball and Carbon Bearing Cap

High density ceramic bearing ball and graphite impeller bearing cap designed for high efficiency and long life.

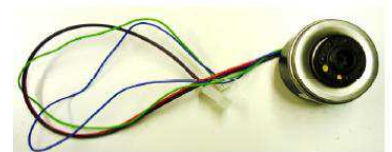
Efficient and balanced

The Impeller Design is highly efficient and dynamically balanced. The Nylon build impeller is balanced with a carbon bearing. The total package is so design for smooth ultra quiet operation.

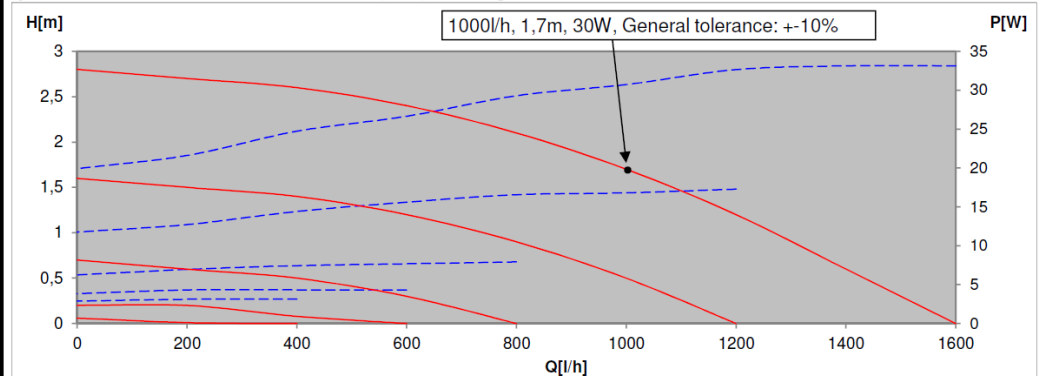
Electronics

Embedded microprocessor control is self regulating and available with variable speed.

	Data	Unit
Control Type	PWM	
Speed Range:	800-4800	RPM
Rated Voltage :	8-24	VDC
Standard Voltage	12	VDC
Operating Voltage :	6 ~13,2	VDC
Input Current	1,38	A
Input Power	33,12	W
Bearing Material	Carbon/ Allumina Ceramic	
Impeller Material	Nylon /PPO	
Max. Hydraulic	4,72W (1000l/h, 1,7m)	
Max. Water Head :	2,8 (20W)	m
Operating Water Temperature	10-95	°C
Operating Temperature Range	10-50	°C
Storage Temperature Range	-20-50	°C
Dimensions (WxHxD) :Single	70 x 72 x 82	mm
Power Connector :	4	Pin
Tacho Signal Connector	3	Pin
Pump MTBF	50,000	Hours
Weight :	600	g
Acceptable media	Water, water-/Glycolic Mixtures (50%) Other media on request	



Hydraulic curve: 24V, DC, Measured: P70 pumphousing



Allowed mounting positions:

All, except top side down

