

Company name: tradepumps.com

**Phone:** 0800 211 8044

Email: sales@tradepumps.com

**Date:** 07/03/2017

#### Position | Qty. | Description

ALPHA3 15-50/60 130



Product No.: 98890833

High-efficiency circulator pump with permanent-magnet motor (ECM technology) and integrated electronic performance adaptation due to continuously variable speed control for circulation of clean heating water according to VDI 2035.

Features and benefits:

- New Read out of pump performance. Enable the use of ALPHAreader for heat emission balancing.
- New Adv. Dry run protection. Protect the pump in case of no water in the pump.
- New Improved start. Secure start under tough conditions
- New Manual Summer mode. Save energy during summertime and ensure safe start in the heating season
- AUTOADAPT function will automatically find the best setpoint- save energy consumption and set-up time.
- Insulating shells are supplied with pumps to minimize heat loss in heating and cooling systems.
- Display showing actual power consumption in Watt or actual flow in m<sup>3</sup>/h to control design paramters.
- Best energy efficiency index (EEI) in the market provide highest energy savings during a year.
- Stainless-steel pump housings are available if the application is sensitive or SS is a demand.
- Energieeinsparverordnung EnEV §14(3). Complies with the German regulation for energy saving in buildings and building systems
- Automatic Night Setback that further reduces the energy consumption.
- Simple selection among three constant-pressure curves, three proportional-pressure curves or three fixed speeds with only one button . Quick and simple setup.
- ALPHA plug. Easy, quick and safe electrical connection.
- ALPHA2 is suitable for cold-water systems. Higher application flexibility .
- Electro-coated pump housing. No corrosion issues.
- No external motor protection is required. Reduced installation time and costs.

## Liquid:

Pumped liquid: Water
Liquid temperature range: 2 .. 110 °C
Q\_OpFluidTemp: 60 °C
Density: 983.2 kg/m³

### Technical:

TF class: 110
Approvals on nameplate: CE,BSI

### Materials:

Pump housing: Cast iron

EN-GJL-150

ASTM A48-150B PES 30%GF

Impeller:

Installation:

Range of ambient temperature: 0 .. 40 °C
Maximum operating pressure: 10 bar
Pipe connection: G 1 1/2
Pressure stage: PN 10
Port-to-port length: 130 mm

# Electrical data:

Power input - P1: 3 .. 34 W
Mains frequency: 50 Hz
Rated voltage: 1 x 230 V
Maximum current consumption: 0.04 .. 0.32 A

Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): F



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				Date:	07/03/2017	
Position	Qty.	Description				
		Others:				
		Energy (EEI).	0.17			
		Not woight:	0.17 1.99 kg			
		Gross woights	1.00 kg			
		Energy (EEI): Net weight: Gross weight: Shipping volume:	1.88 kg 2 kg 0.004 m³			
		Shipping volume.	0.004 1119			
	1	l				



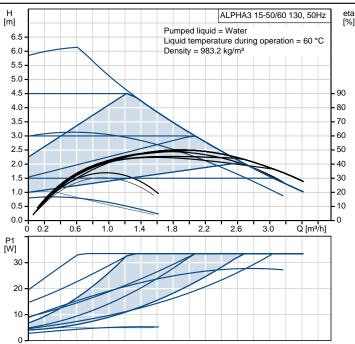
Company name: tradepumps.com

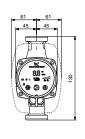
Phone: 0800 211 8044

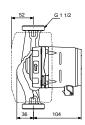
Email: sales@tradepumps.com Date:

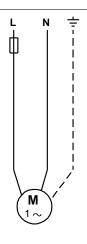
07/03/2017

H [m]	ALPHA3 15-50/60 130, 50Hz	eta [%]
6.5	Pumped liquid = Water	[, 4]
	Liquid temperature during operation = 60 °C	
6.0	Density = 983.2 kg/m <sup>3</sup>	
5.5		
5.0		
4.5	<del></del>	90
4.0		80
3.5		70
3.0		60
2.5		50
2.0		40
1.5		30
1.0		20
0.5		10
0.0 0.2 0.6 1.0 1.4	1.8 2.2 2.6 3.0 Q [m³/h]	0
P1 1	1.0 2.2 2.0 3.0 Q [III-/II]	
įwj		
30		
20		
10		
	-	
0		









Description	Value
General information:	
Product name:	ALPHA3 15-50/60 130
Product No:	98890833
EAN number:	5712603032740
Price:	On request
Technical:	
Head max:	50/60 dm
TF class:	110
Approvals on nameplate:	CE,BSI
Model:	Α
Materials:	
Pump housing:	Cast iron
	EN-GJL-150
	ASTM A48-150B
Impeller:	PES 30%GF
Installation:	
Range of ambient temperature:	0 40 °C
Maximum operating pressure:	10 bar
Pipe connection:	G 1 1/2
Pressure stage:	PN 10
Port-to-port length:	130 mm

Electrical data:		
Density:	983.2 kg/m³	
Q_OpFluidTemp:	60 °C	
Liquid temperature range:	2 110 °C	
Pumped liquid:	Water	
Liquid:		

Electrical data:	
Power input - P1:	3 34 W
Mains frequency:	50 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.04 0.32 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
Motor protec:	NONE
Thermal protec:	ELEC

Controls:	
Aut. night:	automatic reduced night-time duty included
Pos term box:	6H
Others:	
Energy (EEI):	0.17
Net weight:	1.88 kg

2 kg 0.004 m<sup>3</sup>

GB

Gross weight:

Shipping volume: Sales region: