


Position	Qty.	Description
	1	<p><b>ALPHA3 15-50/60 130</b></p>  <p>Product No.: <a href="#">98890833</a></p> <p>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.</p> <p>Features and benefits:</p> <ul style="list-style-type: none"> <li>• New Read out of pump performance. Enable the use of ALPHAreader for heat emission balancing.</li> <li>• New Adv. Dry run protection. Protect the pump in case of no water in the pump.</li> <li>• New Improved start. Secure start under tough conditions</li> <li>• New Manual Summer mode. Save energy during summertime and ensure safe start in the heating season</li> <li>• AUTOADAPT function will automatically find the best setpoint- save energy consumption and set-up time.</li> <li>• Insulating shells are supplied with pumps to minimize heat loss in heating and cooling systems.</li> <li>• Display showing actual power consumption in Watt or actual flow in m³/h to control design parameters.</li> <li>• Best energy efficiency index (EEI) in the market provide highest energy savings during a year.</li> <li>• Stainless-steel pump housings are available if the application is sensitive or SS is a demand.</li> <li>• Energieeinsparverordnung – EnEV §14(3). Complies with the German regulation for energy saving in buildings and building systems</li> <li>• Automatic Night Setback that further reduces the energy consumption.</li> <li>• Simple selection among three constant-pressure curves, three proportional-pressure curves or three fixed speeds with only one button . Quick and simple setup.</li> <li>• ALPHA plug. Easy, quick and safe electrical connection.</li> <li>• ALPHA2 is suitable for cold-water systems. Higher application flexibility .</li> <li>• Electro-coated pump housing. No corrosion issues.</li> <li>• No external motor protection is required. Reduced installation time and costs.</li> </ul> <p><b>Liquid:</b>  Pumped liquid: Water  Liquid temperature range: 2 .. 110 °C  Q_OpFluidTemp: 60 °C  Density: 983.2 kg/m³</p> <p><b>Technical:</b>  TF class: 110  Approvals on nameplate: CE,BSI</p> <p><b>Materials:</b>  Pump housing: Cast iron  EN-GJL-150  ASTM A48-150B  Impeller: PES 30%GF</p> <p><b>Installation:</b>  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</p> <p><b>Electrical data:</b>  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</p>

Position	Qty.	Description
		<b>Others:</b>
		Energy (EEI): 0.17
		Net weight: 1.88 kg
		Gross weight: 2 kg
		Shipping volume: 0.004 m <sup>3</sup>

Description	Value
<b>General information:</b>	
Product name:	ALPHA3 15-50/60 130
Product No:	98890833
EAN number:	5712603032740
Price:	On request
<b>Technical:</b>	
Head max:	50/60 dm
TF class:	110
Approvals on nameplate:	CE,BSI
Model:	A
<b>Materials:</b>	
Pump housing:	Cast iron
	EN-GJL-150
	ASTM A48-150B
Impeller:	PES 30%GF
<b>Installation:</b>	
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
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	2 .. 110 °C
Q_OpFluidTemp:	60 °C
Density:	983.2 kg/m³
<b>Electrical data:</b>	
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
<b>Controls:</b>	
Aut. night:	automatic reduced night-time duty included
Pos term box:	6H
<b>Others:</b>	
Energy (EEI):	0.17
Net weight:	1.88 kg
Gross weight:	2 kg
Shipping volume:	0.004 m³
Sales region:	GB

