


Qty.	Description																														
1	<p data-bbox="199 336 510 369"><b>ALPHA SOLAR 25-75 180</b></p>  <p data-bbox="199 660 470 694">Product No.: <a href="#">98989300</a></p> <p data-bbox="199 750 1404 806">The new ALPHA SOLAR is designed to be integrated in all kinds of thermal solar systems with either variable (matched-flow) or constant flow rate.</p> <p data-bbox="199 840 1324 896">High-efficiency ECM (Electronically Commutated Motor) pumps, such as ALPHA SOLAR, must not be speed-controlled by an external speed controller varying or pulsing the supply voltage.</p> <p data-bbox="199 929 1444 1008">The speed can be controlled by a low-voltage PWM (Pulse Width Modulation) signal from a solar controller to optimise the solar harvesting and temperature of the system. As a result, the power consumption of the pump will be reduced considerably.</p> <p data-bbox="199 1041 1388 1097">If no PWM signal is available, ALPHA SOLAR can be set to constant speed, only switched on and off by the controller.</p> <p data-bbox="199 1131 311 1164"><b>Features:</b></p> <ul data-bbox="199 1164 1300 1344" style="list-style-type: none"> <li>• Constant speed.</li> <li>• PWM A profile. The PWM signal is a method for generating an analog signal using a digital source.</li> <li>• Low EEI (Energy Efficiency Index).</li> <li>• Maintenance-free.</li> <li>• Low noise level.</li> <li>• Very simple installation.</li> </ul> <p data-bbox="199 1400 295 1433"><b>Liquid:</b></p> <table data-bbox="199 1433 702 1556"> <tr> <td>Pumped liquid:</td> <td>Water</td> </tr> <tr> <td>Liquid temperature range:</td> <td>2 .. 110 °C</td> </tr> <tr> <td>Selected liquid temperature:</td> <td>60 °C</td> </tr> <tr> <td>Density:</td> <td>983.2 kg/m<sup>3</sup></td> </tr> </table> <p data-bbox="199 1579 327 1612"><b>Technical:</b></p> <table data-bbox="199 1612 662 1668"> <tr> <td>TF class:</td> <td>110</td> </tr> <tr> <td>Approvals on nameplate:</td> <td>CE,EAC</td> </tr> </table> <p data-bbox="199 1691 327 1724"><b>Materials:</b></p> <table data-bbox="199 1724 670 1758"> <tr> <td>Pump housing:</td> <td>Cast iron</td> </tr> </table> <p data-bbox="199 1780 343 1814"><b>Installation:</b></p> <table data-bbox="199 1814 678 1960"> <tr> <td>Range of ambient temperature:</td> <td>2 .. 70 °C</td> </tr> <tr> <td>Maximum operating pressure:</td> <td>10 bar</td> </tr> <tr> <td>Pipe connection:</td> <td>G 1 1/2</td> </tr> <tr> <td>Pressure rating:</td> <td>PN 10</td> </tr> <tr> <td>Port-to-port length:</td> <td>180 mm</td> </tr> </table> <p data-bbox="199 1982 383 2016"><b>Electrical data:</b></p> <table data-bbox="199 2016 686 2116"> <tr> <td>Power input - P1:</td> <td>2 .. 52 W</td> </tr> <tr> <td>Mains frequency:</td> <td>50 / 60 Hz</td> </tr> <tr> <td>Rated voltage:</td> <td>1 x 230 V</td> </tr> </table>	Pumped liquid:	Water	Liquid temperature range:	2 .. 110 °C	Selected liquid temperature:	60 °C	Density:	983.2 kg/m <sup>3</sup>	TF class:	110	Approvals on nameplate:	CE,EAC	Pump housing:	Cast iron	Range of ambient temperature:	2 .. 70 °C	Maximum operating pressure:	10 bar	Pipe connection:	G 1 1/2	Pressure rating:	PN 10	Port-to-port length:	180 mm	Power input - P1:	2 .. 52 W	Mains frequency:	50 / 60 Hz	Rated voltage:	1 x 230 V
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Company name:

Created by:

Phone:

Date:

04/04/2020

Qty.	Description
	<p>Maximum current consumption: 0.04 .. 0.52 A Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): F</p> <p><b>Others:</b> Energy (EEI): 0.20 Net weight: 2.01 kg Gross weight: 2.13 kg Shipping volume: 0.004 m<sup>3</sup> Country of origin: DK Custom tariff no.: 84137030</p>

Description	Value
<b>General information:</b>	
Product name:	ALPHA SOLAR 25-75 180
Product No:	98989300
EAN number:	5712604776674
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Price:	375,00 EUR
<b>Technical:</b>	
Head max:	75 dm
TF class:	110
Approvals on nameplate:	CE,EAC
<b>Materials:</b>	
Pump housing:	Cast iron
<b>Installation:</b>	
Range of ambient temperature:	2 .. 70 °C
Maximum operating pressure:	10 bar
Pipe connection:	G 1 1/2
Pressure rating:	PN 10
Port-to-port length:	180 mm
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	2 .. 110 °C
Selected liquid temperature:	60 °C
Density:	983.2 kg/m <sup>3</sup>
<b>Electrical data:</b>	
Power input - P1:	2 .. 52 W
Mains frequency:	50 / 60 Hz
Rated voltage:	1 x 230 V
Maximum current consumption:	0.04 .. 0.52 A
Enclosure class (IEC 34-5):	X4D
Insulation class (IEC 85):	F
<b>Controls:</b>	
Pos term box:	9H
<b>Others:</b>	
Energy (EEL):	0.20
Net weight:	2.01 kg
Gross weight:	2.13 kg
Shipping volume:	0.004 m <sup>3</sup>
Country of origin:	DK
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