

Alpha2 | Danfoss



Circulateur chauffage ALPHA2 25-40 180 Grundfos

Réf 99411165 **278.99€^{TTC*}**

<https://www.domomat.com/39909-circulateur-chauffage-alpha2-25-40-180-grundfos-grundfos-99411165.html>

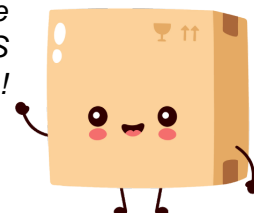


Circulateur chauffage ALPHA2 25-60 180 Grundfos


Réf 99411175 **329.04€^{TTC*}**

<https://www.domomat.com/39910-circulateur-chauffage-alpha2-25-60-180-grundfos-grundfos-99411175.html>

Retrouvez tous les produits de la catégorie
Circulateurs GRUNDFOS
chez Domomat !



* : Prix sur le site Domomat.com au 19/04/2024. Le prix est susceptible d'être modifié.

Quantité	Description
1	<p data-bbox="252 338 475 367">ALPHA2 25-40 180</p> <div data-bbox="288 383 603 819">  </div> <p data-bbox="644 797 1118 824" style="text-align: center;">Note ! La photo produit peut différer du produit réel</p> <p data-bbox="252 831 504 857">Référence: 99411165</p> <p data-bbox="252 891 1422 965">High efficiency canned-rotor circulator, designed for circulating liquids in domestic heating systems. With a world-class energy efficiency index (EEI) well below the ErP benchmark it ensures substantial energy savings.</p> <p data-bbox="252 1005 355 1032">Features</p> <ul data-bbox="252 1037 1457 1464" style="list-style-type: none"> • AUTOADAPT which provides the ultimate comfort levels with the lowest possible energy consumption and makes the commissioning safe and easy Night-setback function which saves energy Manual Summer mode saves energy during summertime and ensure safe start in the heating season Intuitive one-button operation makes selection of any control mode simple No external motor protection required reducing installation time High-torque start improves startup under harsh conditions Maintenance free due to canned-rotor design and use of robust components ALPHA plug makes electrical installation quick and easy Insulating shells are supplied with pumps to minimize heat loss in heating systems Hydronic balancing by temporary use of the ALPHA Reader and the Grundfos GO Balance App enables the installer to perform fast and easy hydronic balancing <p data-bbox="252 1503 1445 1576">When using the ALPHA2 with two other components the ALPHA Reader and the Grundfos GO Balance app, it enables the installers to perform fast and easy hydronic balancing - without compromising on reliability, efficiency and easy installation.</p> <p data-bbox="252 1615 1422 1720">The AUTOADAPT function continuously adjusts the pump performance to the actual heat demand, i.e. the size of the system and the changing heat demand during the year. The function will find the setting that provides optimal comfort with minimal energy consumption. It contributes to fast, safe and easy commissioning.</p> <p data-bbox="252 1758 1145 1785">In addition, the pump also features three control modes - each with three settings</p> <ul data-bbox="252 1789 938 1877" style="list-style-type: none"> • proportional-pressure control constant-pressure control constant-curve mode <p data-bbox="252 1910 1382 1962">The display shows the actual power consumption in Watts or actual flow in m3/h as well as alarms and warnings. LEDs indicate the actual operating status.</p> <p data-bbox="252 1995 1374 2047">The night-setback function, when enabled automatically reduces the motor speed to save energy. The changeover depends on a change in the flow-pipe temperature.</p>

Quantité	Description
	<p>Manual summer mode; once enabled, the pump is automatically started frequently at low speed to avoid blocking the rotor. At the same time, it saves energy.</p> <p>The pump is of the canned-rotor type, which means that the pump and motor form an integral unit. The bearings are lubricated by the pumped liquid ensuring maintenance-free operation. The pump features dry-running protection.</p> <p>The pump has a ceramic shaft and radial bearings, carbon thrust bearing, stainless-steel rotor can, bearing plate and rotor cladding, composite impeller, all of which contribute to long life.</p> <p>The pump is self-venting through the system, which contributes to easy commissioning. The compact design featuring pump head with integrated control box and control panel fits into most common installations.</p> <p>The pump housing is made of cast iron and electrocoated to improve the corrosion resistance.</p> <p>The motor is a synchronous permanent-magnet/compact-stator motor characterized by high efficiency. The pump speed is controlled by an integrated frequency converter incorporated in the control box.</p> <p>Liquide:</p> <p>Liquide pompé: Eau Plage température liquide: 2 .. 110 °C Selected liquid temperature: 60 °C Masse volumique: 983.2 kg/m³</p> <p>Technique:</p> <p>Classe TF: 110 Certifications sur la plaque signalétique: VDE,CE,EAC</p> <p>Matériaux:</p> <p>Corps de pompe: Fonte EN-GJL-150 ASTM A48-150B</p> <p>Roue mobile: PES 30%GF</p> <p>Installation:</p> <p>Plage température ambiante: 0 .. 40 °C Pression maximale de service: 10 bar Raccordement tuyauterie: G 1 1/2 Pression par étage: PN 10 Entraxe: 180 mm</p> <p>Donnée électrique:</p> <p>Puissance élec.-P1: 3 .. 18 W Fréquence d'alimentation: 50 Hz Tension nominale: 1 x 230 V Intensité maximum consommée: 0.04 .. 0.18 A Indice de protection (IEC 34-5): X4D Classe d'isolement (IEC 85): F</p> <p>Autres:</p> <p>Energie (EEI): 0.15 Poids net: 1.98 kg Poids brut: 2.15 kg Colisage: 0.004 m³ Danish VVS No.: 380473240 Swedish RSK No.: 5758779 Finnish LVI No.: 4615339 Norwegian NRF no.: 9043148</p>