


Position	Count	Description
	1	<p><b>MAGNA1 32-120 F N</b></p>  <p>Product No.: <a href="#">99221289</a></p> <p>The new MAGNA1 is the simple option for a job well done. It is the perfect choice when replacing older circulators and due to its compliance with the EuP 2015 regulations, substantial savings on electricity is a reality. The ideal choice for basic performance needs in applications where basic system control and monitoring is desired.</p> <ul style="list-style-type: none"> <li>• Monitoring via the fault relay, ensuring peace of mind</li> <li>• Digital start/stop input available for remote pump control</li> <li>• Continuous operation and reduced downtime with the wireless twin pump function (available on twin-head pumps)</li> <li>• High energy efficiency resulting in substantial savings on electricity</li> <li>• Easy setup and operation via the simple user interface</li> <li>• No maintenance due to the canned-rotor type design.</li> </ul> <p>MAGNA1 is the simple and efficient choice for most applications including</p> <ul style="list-style-type: none"> <li>• Heating <ul style="list-style-type: none"> <li>- Main pump</li> <li>- Mixing loops</li> <li>- Heating surfaces</li> </ul> </li> <li>• Cooling <ul style="list-style-type: none"> <li>- Air conditioning surfaces</li> <li>- Ground source heat pump systems</li> <li>- Smaller chiller applications</li> </ul> </li> </ul> <p><b>Liquid:</b></p> <p>Pumped liquid: Water</p> <p>Liquid temperature range: 14 .. 230 °F</p> <p>Liquid temperature during operation: 140 °F</p> <p>Density: 61.35 lb/ft³</p> <p><b>Technical:</b></p> <p>TF class: 110</p> <p>Approvals on nameplate: CE,VDE,EAC,CN ROHS,WEEE</p> <p><b>Materials:</b></p> <p>Pump housing: Stainless steel EN 1.4308 ASTM 351 CF8</p> <p>Impeller: PES 30%GF</p> <p><b>Installation:</b></p> <p>Range of ambient temperature: 32 .. 104 °F</p> <p>Maximum operating pressure: 145 psi</p> <p>Flange standard: DIN</p> <p>Pipe connection: DN 32</p> <p>Pressure stage: PN6/10</p> <p>Port-to-port length: 8 11/16 in</p>



Company name:

Created by:

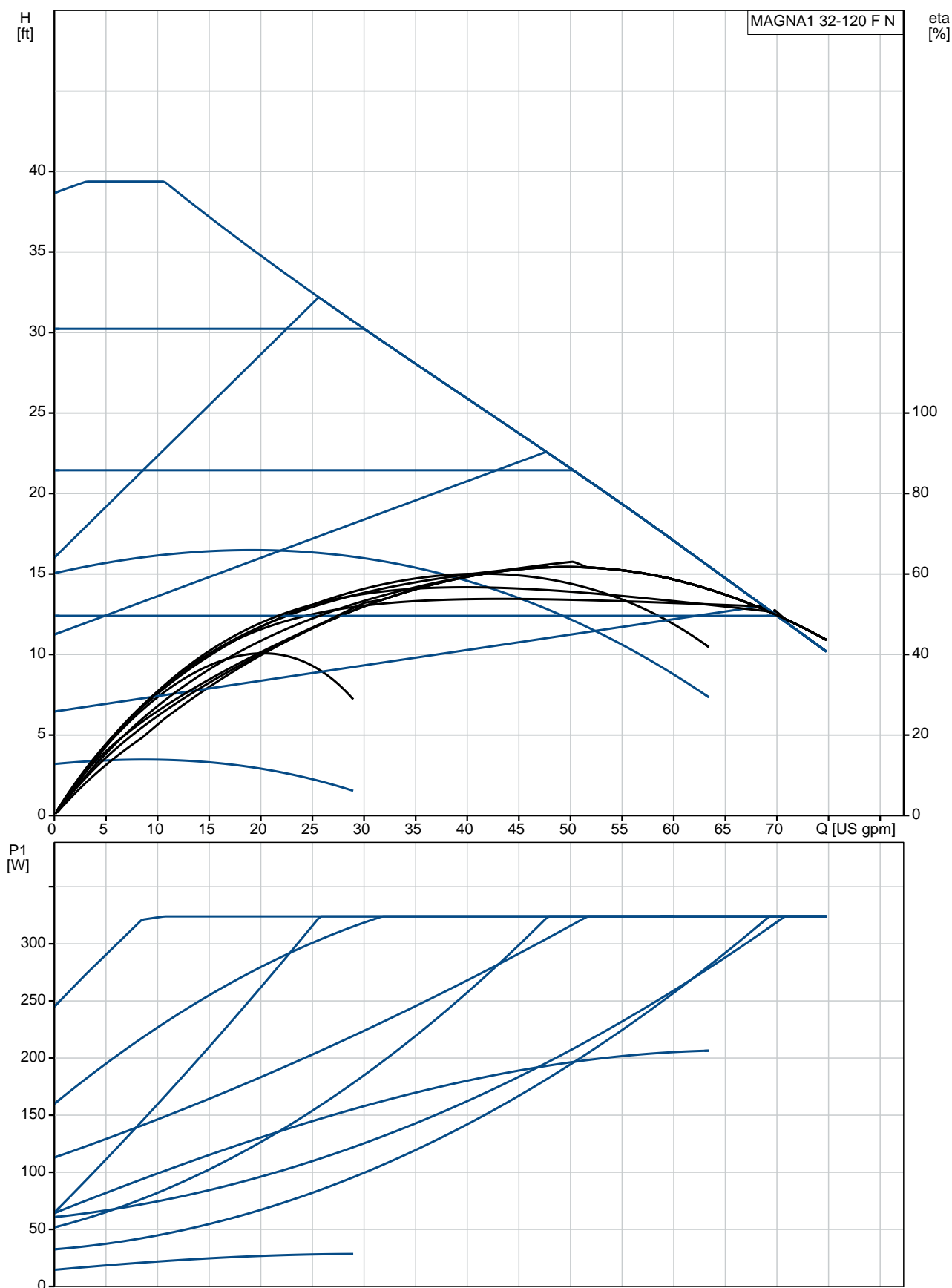
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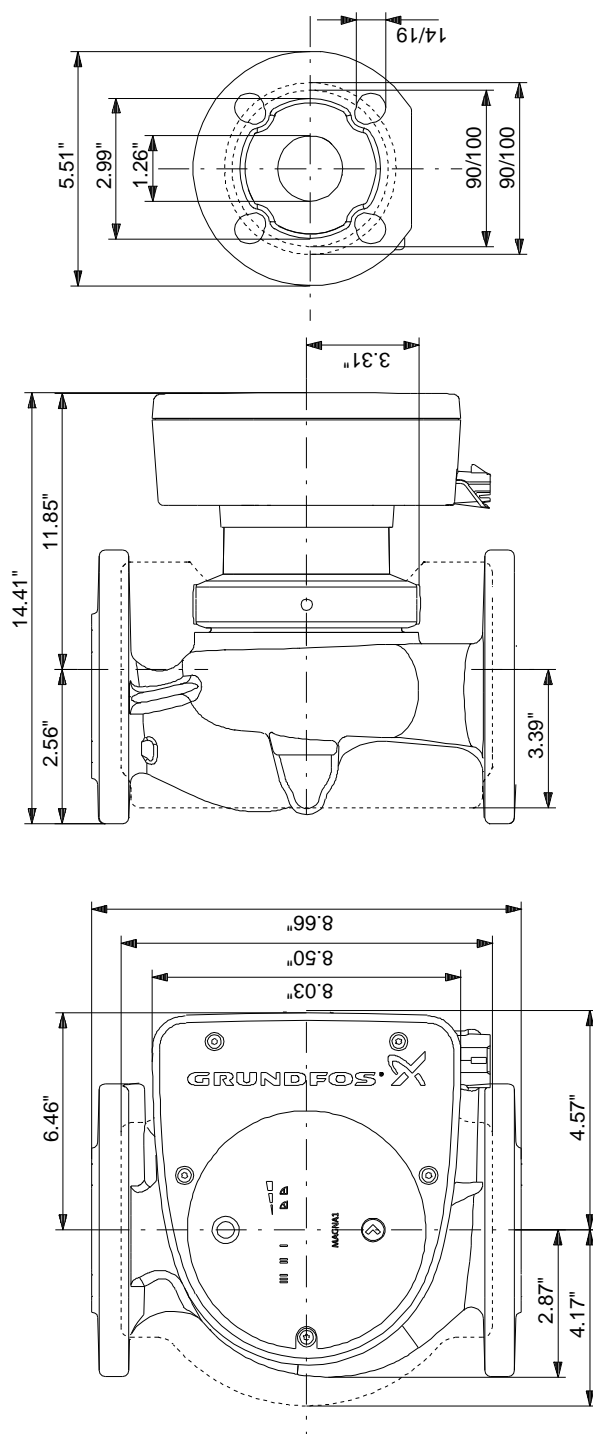
8/23/2018

Position	Count	Description
		<b>Electrical data:</b> Power input - P1: 14.89 .. 329 W Main frequency: 60 Hz Rated voltage: 1 x 230 V Maximum current consumption: 0.17 .. 1.48 A Enclosure class (IEC 34-5): X4D Insulation class (IEC 85): F  <b>Others:</b> Energy (EEI): 0.20 Net weight: 34.9 lb Gross weight: 38.5 lb Shipping volume: 1.38 ft³

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Note! All units are in [mm] unless otherwise stated.  
Disclaimer: This simplified dimensional drawing does not show all details.