


| Position                  | Count              | Description   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
|---------------------------|--------------------|---|----------------|-------|---------------------------|--------------|--------------|-------|----------|--------------|-----------|-----|-------------------------|--------------------|---------------|-----------|--|------------|--|---------------|
|                           | 1                  | <div><div></div><div><p>Product No.: <a href="#">98126819</a></p><p>MAGNA1 circulator pump with easy selection of pump setting</p><p>The pump is of the canned-rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing.</p><p>The bearings are lubricated by the pumped liquid.</p><p>In order to avoid problems in connection with disposal, great importance has been attached to using as few different materials as possible.</p><p>A pump with no maintenance requirements and extremely low life cycle cost.</p><p>Heating systems</p><ul style="list-style-type: none"><li>• Main pump</li><li>• mixing loops</li><li>• heating surfaces</li><li>• air-conditioning surfaces.</li></ul><p>The MAGNA1 circulator pumps are designed for circulating liquids in heating systems with variable flows where it is desirable to optimize the setting of the pump duty point, thus reducing energy costs. The pumps are also suitable for domestic hot-water systems.</p><p>To ensure correct operation, it is important that the sizing range of the system falls within the duty range of the pump.</p><p>The pump is also suitable for systems with hot-water priority as an external signal can immediately force the pump to operate according to the max. curve, for example in solar-heating systems.</p><p>Benefits</p><ul style="list-style-type: none"><li>• Safe selection.</li><li>• Simple installation.</li><li>• Low energy consumption. All MAGNA1 pumps comply with the EuP requirements.</li><li>• Nine light fields for indication of pump setting. Three proportional-pressure curves, three constant-pressure curves and three fixed-speed curves are available.</li><li>• Low noise level.</li><li>• No maintenance and long life.</li></ul><p><b>Liquid:</b></p><table><tr><td>Pumped liquid:</td><td>Water</td></tr><tr><td>Liquid temperature range:</td><td>14 .. 230 °F</td></tr><tr><td>Liquid temp:</td><td>60 °F</td></tr><tr><td>Density:</td><td>62.34 lb/ft³</td></tr></table><p><b>Technical:</b></p><table><tr><td>TF class:</td><td>110</td></tr><tr><td>Approvals on nameplate:</td><td>ETL, FCC WO_RADIAL</td></tr></table><p><b>Materials:</b></p><table><tr><td>Pump housing:</td><td>Cast iron</td></tr><tr><td></td><td>EN-GJL-250</td></tr><tr><td></td><td>ASTM A48-250B</td></tr></table></div></div> | Pumped liquid: | Water | Liquid temperature range: | 14 .. 230 °F | Liquid temp: | 60 °F | Density: | 62.34 lb/ft³ | TF class: | 110 | Approvals on nameplate: | ETL, FCC WO_RADIAL | Pump housing: | Cast iron |  | EN-GJL-250 |  | ASTM A48-250B |
| Pumped liquid:            | Water              |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
| Liquid temperature range: | 14 .. 230 °F       |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
| Liquid temp:              | 60 °F              |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
| Density:                  | 62.34 lb/ft³       |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
| TF class:                 | 110                |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
| Approvals on nameplate:   | ETL, FCC WO_RADIAL |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
| Pump housing:             | Cast iron          |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
|                           | EN-GJL-250         |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |
|                           | ASTM A48-250B      |   |                |       |                           |              |              |       |          |              |           |     |                         |                    |               |           |  |            |  |               |



Company name:

Created by:

Phone:

Date:

1/13/2016

| Position | Count | Description                                 |
|----------|-------|---|
|          |       | Impeller: PES 30%GF                         |
|          |       | <b>Installation:</b>                        |
|          |       | Range of ambient temperature: 32 .. 104 °F  |
|          |       | Maximum operating pressure: 174 psi         |
|          |       | Flange standard: GF                         |
|          |       | Pipe connection: GF15/26/40/43              |
|          |       | Pressure stage: PN12                        |
|          |       | Port-to-port length: 6 1/2 in               |
|          |       | <b>Electrical data:</b>                     |
|          |       | Power input - P1: 8.71 .. 107 W             |
|          |       | Main frequency: 60 Hz                       |
|          |       | Rated voltage: 1 x 115-230 V                |
|          |       | Maximum current consumption: 0.28 .. 1.01 A |
|          |       | Enclosure class (IEC 34-5): X4D             |
|          |       | Insulation class (IEC 85): F                |
|          |       | <b>Others:</b>                              |
|          |       | Energy (EEI): 0.20                          |
|          |       | Net weight: 11 lb                           |
|          |       | Gross weight: 13.2 lb                       |
|          |       | Shipping volume: 0.42 ft <sup>3</sup>       |

| Description                   | Value              |
|-------------------------------|--------------------|
| <b>General information:</b>   |                    |
| Product name:                 | MAGNA1 32-60 F     |
| Product No.:                  | 98126819           |
| EAN:                          | 5710629499813      |
| Price:                        | On request         |
| <b>Technical:</b>             |                    |
| Head max:                     | 19.69 ft           |
| TF class:                     | 110                |
| Approvals on nameplate:       | ETL, FCC WO_RADIAL |
| Model:                        | B                  |
| <b>Materials:</b>             |                    |
| Pump housing:                 | Cast iron          |
|                               | EN-GJL-250         |
|                               | ASTM A48-250B      |
| Impeller:                     | PES 30%GF          |
| <b>Installation:</b>          |                    |
| Range of ambient temperature: | 32 .. 104 °F       |
| Maximum operating pressure:   | 174 psi            |
| Flange standard:              | GF                 |
| Pipe connection:              | GF15/26/40/43      |
| Pressure stage:               | PN12               |
| Port-to-port length:          | 6 1/2 in           |
| <b>Liquid:</b>                |                    |
| Pumped liquid:                | Water              |
| Liquid temperature range:     | 14 .. 230 °F       |
| Liquid temp:                  | 60 °F              |
| Density:                      | 62.34 lb/ft³       |
| <b>Electrical data:</b>       |                    |
| Power input - P1:             | 8.71 .. 107 W      |
| Main frequency:               | 60 Hz              |
| Rated voltage:                | 1 x 115-230 V      |
| Maximum current consumption:  | 0.28 .. 1.01 A     |
| Enclosure class (IEC 34-5):   | X4D                |
| Insulation class (IEC 85):    | F                  |
| <b>Others:</b>                |                    |
| Energy (EEI):                 | 0.20               |
| Net weight:                   | 11 lb              |
| Gross weight:                 | 13.2 lb            |
| Shipping volume:              | 0.42 ft³           |

