BM, BMB

Booster modules 4”, 6”, and 8”
60 Hz and 50 Hz

Technical data

Flow, Q:
- 60 Hz max. 1475 gpm (335 m³/h)
- 50 Hz max. 1233 gpm (280 m³/h)

Head, H:
- max. 1595 ft (486 m)

Liquid temp.:
- +32°F to +104°F (0°C to +40°C)

BM working press.:
- max. 1160 psi (80 bar)

BMB working press.:
- max. 870 psi (60 bar)

Applications

Suitable for pressure boosting in:
- Reverse osmosis systems
- Water supply systems
- Water treatment systems
- Industrial plants

Features and benefits

- Low noise
- Handles high pressures/high heads
- Simple installation
- Compact, modular design
- Sealless
- Low maintenance
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Construction

Grundfoss modified standard submersible pumps are used for BM and BMB booster modules. Pump and motor are centered in a stainless steel sleeve. Both sleeve ends can be connected to the piping by means of victaulic couplings.

Sleeve of 4”, 6”, and 8” modules is supplied with straight pipe inlet and outlet. The 4” size is also available with 90° bends at the suction and discharge ends.

BM and BMB pumps have an asynchronous submersible squirrel-cage motor of the canned type with water-lubricated bearings.

Connections

<table>
<thead>
<tr>
<th>Size</th>
<th>Model type</th>
<th>Victaulic coupling Style 77</th>
</tr>
</thead>
<tbody>
<tr>
<td>BM 4”</td>
<td>BM 3A - BM 8A</td>
<td>1 1/4” / ø42 mm</td>
</tr>
<tr>
<td>BMB 4”</td>
<td>BMB 3A - BMB 8A</td>
<td>1 1/4” / ø42 mm</td>
</tr>
<tr>
<td>BM 6”</td>
<td>BM 17 - BM 60</td>
<td>3” / ø89 mm</td>
</tr>
<tr>
<td>BMB 6”</td>
<td>BM 17 - BMB 60</td>
<td>3” / ø89 mm</td>
</tr>
<tr>
<td>BM 8”</td>
<td>BM 30 - BM 46</td>
<td>3” / ø89 mm</td>
</tr>
<tr>
<td>BMB 8”</td>
<td>BM 30 - BMB 46</td>
<td>3” / ø89 mm</td>
</tr>
<tr>
<td>BM 8”</td>
<td>BM 60</td>
<td>4” / ø114 mm</td>
</tr>
<tr>
<td>BMB 8”</td>
<td>BMB 60</td>
<td>4” / ø114 mm</td>
</tr>
<tr>
<td>BM 8”</td>
<td>BM 77 - 95</td>
<td>5” / ø139 mm</td>
</tr>
<tr>
<td>BMB 8”</td>
<td>BMB 77 - 95</td>
<td>5” / ø139 mm</td>
</tr>
<tr>
<td>BM 8”</td>
<td>BM 125</td>
<td>6” / ø168 mm</td>
</tr>
<tr>
<td>BMB 8”</td>
<td>BMB 125</td>
<td>6” / ø168 mm</td>
</tr>
</tbody>
</table>

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Subject to alterations.