HYDRO MULTI-B
RELIABLE BOOSTING SYSTEM
WITH USER-FRIENDLY INTERFACE

USER-FRIENDLY, BASIC BOOTING SOLUTION
The Hydro Multi-B is a simple and easy-to-use booster solution. The user-friendly control unit has the basic functionalities needed and together with the tank filling function, the Hydro Multi-B is a strong and reliable choice from the hydro booster product range.

The Hydro Multi-B is most commonly used in:
- Tank filling applications
- Apartment buildings
- Hotels
- Hospitals
- Schools
- Irrigation
- Wash and clean
- Fire hydrants

HYDRO MULTI-B HIGHLIGHTS
Customizable operating range
The Hydro Multi-B’s controller has a dedicated tank-filling feature, which makes it possible to define a low and high limit in a tank and the system will then operate between these.

Low flow stop
The system will stop completely during low consumption periods to save energy.

User-friendly controller
The controller has a simple and user-friendly interface, which covers the most important functionalities such as start/stop of each individual pump, adjustment and read-out of the set point and warning/alarm indication.

Energy saving proportional pressure
By lowering the set point during low consumption periods, the proportional pressure mode of this booster solution saves considerable energy.

Redundancy
Operation reliability in the system is secured by redundant sensors or standby pumps.
HYDRO MULTI-B IN MORE DETAIL

High efficiency IES Motors
All motors used in the Hydro Multi-B range carry the blueflux logo – a guarantee for the very high IES efficiency level.

Dry run protection
A safety feature will stop the system if it runs dry. It can easily be set up to react to a digital input via e.g. a pressure switch or an inlet pressure measurement.

Standby pumps
It is possible to configure a number of standby pumps. The pumps will still alternate automatically to ensure that all pumps run eventually and no pumps seize up.

Maximum pressure alarm
A dedicated function monitors the discharge pressure and gives a warning/alarm if a defined limit is exceeded.

General information

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Product range</td>
<td>2-3 pumps</td>
</tr>
<tr>
<td>Flow range</td>
<td>0-108 m³/h</td>
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<tr>
<td>Pressure range</td>
<td>PN10 &amp; PN16</td>
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<tr>
<td>Max power</td>
<td>3 x 7.5kW</td>
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<tr>
<td>Liquid temp.</td>
<td>0-60°C</td>
</tr>
<tr>
<td>Ambient temp.</td>
<td>0-40°C</td>
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</table>

Material information

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manifold + base frame: Stainless steel EN/DIN 1.4301/AISI 304*</td>
<td>CME-I 3 to 25</td>
</tr>
<tr>
<td>Pump: Stainless steel EN/DIN 1.4301/AISI 304**</td>
<td>CME-I 3 to 25</td>
</tr>
</tbody>
</table>

*Galvanized steel is optional
** Cast iron pump is optional

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