Multitec – High-pressure Pump in Ring-section Design

Applications include:
- Water supply
- Drinking water supply (ACS)
- Industry
- Irrigation
- Power stations
- Heating, filtering, fire-fighting, reverse osmosis, snow guns, washing plants

More information: www.ksb.com/products

Your contact:

[Image of Multitec with PumpDrive]
**Flexible**
Ideal adjustment of suction and discharge nozzles to the system

**Low NPSH**
Special suction impeller

**Reliable**
Wear-resistant, self-aligning plain bearing made of silicon carbide

**High availability**
Axial thrust balancing for a long service life

**Service-friendly**
Easy dismantling of bearing and mechanical seal

**Low operating costs**
Only one shaft seal and hydraulic system with optimum efficiency

**Versatile**
Large choice of materials and designs

**Energy savings of up to 60%**
On pump sets equipped with PumpDrive, the motor speed is controlled automatically to match current demand.

**Designs**

- **A** Horizontal long-coupled design with axial inlet and plain bearing
- **B** Horizontal long-coupled design with radial inlet and plain bearing
- **C** Horizontal long-coupled design with radial nozzles rolling element bearing on both ends and drive on the discharge side
- **D** Horizontal long-coupled design with radial nozzles rolling element bearing on both ends and drive on the suction side
- **E** Horizontal close-coupled pump with radial inlet
- **F** Horizontal close-coupled pump with axial inlet
- **V** Vertical close-coupled design

**Technical data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Size</td>
<td>DN 32 to 150</td>
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<tr>
<td>Flow rate</td>
<td>Up to 850 m³/h</td>
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<tr>
<td>Head</td>
<td>Up to 630 m (1,000 m)</td>
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<tr>
<td>Fluid temperature</td>
<td>-10 to +200 °C</td>
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<tr>
<td>Pump discharge pressure</td>
<td>Up to 63 bar (100 bar)</td>
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**Materials**
- Cast iron, bronze, cast steel, stainless steel, duplex and super duplex stainless steel

**Automation available**
- PumpDrive, PumpMeter, PumpExpert, Hyamaster