Amarex KRT –
With Next Generation Impellers

Applications:
- Waste water transport
- Municipal and industrial waste water
- Waste water treatment
- Sludge treatment
- Storm water transport

More information:
www.ksb.us.com
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1 Reliable operation
   - Non-clogging impellers with large free passages, optimized for every type of waste water
   - Specially protected cable entry
   - Monitoring: Sensors trigger a warning in the event of overheating or ingress of moisture

2 Energy savings
   - Optimized hydraulic system yields high efficiency
   - Energy-saving motors meeting IE3 requirements*

3 Dependability
   Two bi-directional mechanical seals

4 Cost efficiency
   - The right material for every fluid. Available in grey cast iron or, optionally, in corrosion-resistant duplex stainless steel or wear-resistant white cast iron for a long service life
   - Rolling element bearings are lubricated for life to reduce maintenance
   - Optimized spare parts inventories: Standardized components are interchangeable within this type series and with the waste water pumps of the Sewatec type series

Flexibility
   Various installation types to suit different building structures

## Technical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sizes</td>
<td>DN 40 to 700, 1½ - 28 in.</td>
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<tr>
<td>Capacity</td>
<td>Up to 45,000 gpm</td>
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<tr>
<td>Head</td>
<td>Up to 330 ft.</td>
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<tr>
<td>Fluid temperature</td>
<td>Up to 140 °F</td>
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<tr>
<td>Automation possible</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*IEC 60034-30 standard not binding for submersible motors. Efficiencies calculated/determined according to the measurement method specified in IEC 60034-2. The marking is used for submersible motors that achieve efficiency levels similar to those of standardised motors to the IEC 60034-30 standard.

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