Pump type: Dry installed pump
Application: Waste water, Sewage

Solids passage 100 mm
Discharge NW100, PN10
Suction NW125, PN10
Impeller type: Closed screw impeller
Impeller diameter 250 – 155 mm
Recommended min. flow 6 l/sec (21 m3/h)
Weight (HX version) 150 kg

Materials
Pump parts Cast iron GG 25 (EN-GJL-250)
Impeller S.g. iron GGG 40 (EN-GJS-400-15)
Pump shaft AISI 431 (X20 CrNi 17 2)
Alt: AISI 316 (X5 CrNiMo 17 12 2)
Pump support S235JR
Bolts AISI 316 (X5 CrNiMo 17 12 2)
Seal lubrication Oil
Seal pump side Silicon carbide – Silicon carbide - FPM
Seal motor side Carbon – Ceramic - NBR
Coating Two component polyurethane

Installation options
Horizontal bare shaft HX with motor and support HM
Vertical bare shaft VX with motor and stand VM
V-belt driven KM

Available motors (IP55)
Size kW rpm
IEC 132S 3.0 960
5.5 1450
IEC132M 4.0 960
5.5 960
7.5 1450
IEC 160M 11.0 1450
IEC 160L 15.0 1450

Optional
• Seal flushing

Dimensions HX Version [mm]

Landustrie datasheet BTP42-40-E1-16
We reserve the right to alter specification without prior notice.
Pump type: Dry installed pump
Application: Waste water, Sewage

Solids passage 100 mm
Discharge NW150, PN10
Suction NW150, PN10
Impeller type: Closed screw impeller
Impeller diameter 255 – 185 mm
Recommended min. flow 13 l/sec (47 m³/h)
Weight (HX version) 185 kg

**Materials**

Pump parts Cast iron GG 25 (EN-GJL-250)
Impeller S.g. iron GGG 40 (EN-GJS-400-15)
Pump shaft AISI 431 (X20 CrNi 17 2)
Alt: AISI 316 (X5 CrNiMo 17 12 2)
Pump support S235JR
Bolts AISI 316 (X5 CrNiMo 17 12 2)
Seal lubrication Oil
Seal pump side Silicon carbide – Silicon carbide - FPM
Seal motor side Carbon – Ceramic - NBR
Coating Two component polyurethane

**Installation options**

Horizontal bare shaft HX with motor and support HM
Vertical bare shaft VX with motor and stand VM
V-belt driven KM

**Available motors (IP55)**

<table>
<thead>
<tr>
<th>Size</th>
<th>kW</th>
<th>rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEC 132S</td>
<td>3.0</td>
<td>960</td>
</tr>
<tr>
<td></td>
<td>5.5</td>
<td>1450</td>
</tr>
<tr>
<td>IEC 132M</td>
<td>4.0</td>
<td>960</td>
</tr>
<tr>
<td></td>
<td>5.5</td>
<td>960</td>
</tr>
<tr>
<td></td>
<td>7.5</td>
<td>1450</td>
</tr>
<tr>
<td>IEC 160M</td>
<td>11.0</td>
<td>1450</td>
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<tr>
<td>IEC 160L</td>
<td>15.0</td>
<td>1450</td>
</tr>
<tr>
<td>IEC 180M</td>
<td>18.5</td>
<td>1450</td>
</tr>
</tbody>
</table>

**Optional**

- Seal flushing

**Dimensions HX Version [mm]**

Landustrie datasheet BTP42-41-E1-16
We reserve the right to alter specification without prior notice.
Pump type: Dry installed pump
Application: Waste water, Sewage

Solids passage: 125 mm
Discharge: NW200, PN16 (12xØ23 at Ø295)
Suction: NW200, PN16 (12xM20 at Ø295)
Impeller type: Closed screw impeller
Impeller diameter: 332 – 275 mm
Recommended min. flow: 13 l/sec (47 m3/h)
Weight (HX version): 305 kg

Materials
Pump parts: Cast iron GG 25 (EN-GJL-250)
Impeller: S.g. iron GGG 40 (EN-GJS-400-15)
Pump shaft: AISI 431 (X20 CrNi 17 2)
Alt: AISI 316 (X5 CrNiMo 17 12 2)
Pump support: Fe 380
Bolts: AISI 316 (X5 CrNiMo 17 12 2)
Seal lubrication: Oil
Seal pump side: Silicon carbide – silicon carbide
Seal motor side: Carbon - ceramic
Coating: Two component polyurethane

Installation options
Horizontal bare shaft: HX with motor and support HM
Vertical bare shaft: VX with motor and stand VM
V-belt driven: KM

Available motors (IP55)
Size kW rpm
IEC 160L 11.0 960
15.0 1450
IEC 180M 18.5 1450
IEC 180L 15.0 960
22.0 1450
IEC 200L 18.5 960
30.0 1450
IEC 225S 37.0 1450
IEC 225M 45.0 1450
IEC 250M 55.0 1450

Optional
- Seal flushing
- Duplex impeller 1.4460

Dimensions HX Version [mm]
### Pump type:
Dry installed pump

### Application:
Waste water, Sewage

<table>
<thead>
<tr>
<th>Solids passage</th>
<th>110 mm</th>
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<tbody>
<tr>
<td>Discharge</td>
<td>NW150, PN16 (8xØ23 at Ø240)</td>
</tr>
<tr>
<td>Suction</td>
<td>NW200, PN16 (12xM20 at Ø295)</td>
</tr>
<tr>
<td>Impeller type:</td>
<td>Closed screw impeller</td>
</tr>
<tr>
<td>Impeller diameter</td>
<td>300 – 210 mm</td>
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<tr>
<td>Recommended min. flow</td>
<td>13 l/sec (47 m3/h)</td>
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<tr>
<td>Weight (HX version)</td>
<td>270 kg</td>
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</tbody>
</table>

### Materials
- **Pump parts**: Cast iron GG 25 (EN-GJL-250)
- **Impeller**: S.g. iron GGG 40 (EN-GJS-400-15)
- **Pump shaft**: AISI 431 (X20 CrNi 17 2)
  - Alt: AISI 316 (X5 CrNiMo 17 12 2)
- **Bolts**: Fe 380
- **Seal lubrication**: Oil
- **Seal pump side**: Silicon carbide – silicon carbide
- **Seal motor side**: Carbon - ceramic
- **Coating**: Two component polyurethane

### Installation options
- **Horizontal bare shaft**: HX with motor and support HM
- **Vertical bare shaft**: VX with motor and stand VM
- **V-belt driven**: KM

### Available motors (IP55)

<table>
<thead>
<tr>
<th>Size</th>
<th>kW</th>
<th>rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEC132M</td>
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<tr>
<td></td>
<td>5.5</td>
<td>960</td>
</tr>
<tr>
<td>IEC 160M</td>
<td>11.0</td>
<td>1450</td>
</tr>
<tr>
<td>IEC 160L</td>
<td>11.0</td>
<td>960</td>
</tr>
<tr>
<td></td>
<td>15.0</td>
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<tr>
<td>IEC 180M</td>
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<td>1450</td>
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<tr>
<td>IEC 180L</td>
<td>15.0</td>
<td>960</td>
</tr>
<tr>
<td></td>
<td>22.0</td>
<td>1450</td>
</tr>
</tbody>
</table>

### Optional
- Seal flushing

### Dimensions HX Version [mm]

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Landustrie datasheet BTP62-40-E1-14
We reserve the right to alter specification without prior notice.
Pump type: Dry installed pump
Application: Waste water, Sewage
Solids passage: 110 x 160 mm
Discharge: NW250, PN10
Suction: NW300, PN10
Impeller type: Closed screw impeller, twin blade
Impeller diameter: 460 – 300 mm
Recommended min. flow: 37 l/sec (132 m3/h)
Weight (HX version): 640 kg

Materials
Pump parts: Cast iron GG 25 (EN-GJL-250)
Impeller: S.g. iron GGG 40 (EN-GJS-400-15)
Pump shaft: AISI 431 (X20 CrNi 17 2)
Alt: AISI 316 (X5 CrNiMo 17 12 2)
Pump support: S235JR
Bolts: AISI 316 (X5 CrNiMo 17 12 2)
Seal lubrication: Oil
Seal pump side: Silicon carbide – silicon carbide
Seal motor side: Carbon – silicon carbide
Coating: Two component polyurethane

Installation options
Horizontal bare shaft: HX with motor and support HM
Vertical bare shaft: VX with motor and stand VM
V-belt driven: KM

Available motors (IP55)
<table>
<thead>
<tr>
<th>Size</th>
<th>kW</th>
<th>rpm</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEC 225M</td>
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<tr>
<td>IEC 250M</td>
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<td>750</td>
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<tr>
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</tr>
<tr>
<td>IEC 280S</td>
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<tr>
<td>IEC 280M</td>
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<td>750</td>
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<tr>
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<tr>
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</table>

Optional
- Seal flushing