Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 100 mm
- Discharge/ Suction diameter: NW100 / NW125, PN10
- Impeller type: Closed screw
- Impeller diameter: 175 - 155 mm
- Recommended min. flow: 6 l/sec (21 m3/h)
- Weight: 130 kg

**Motor**
- Mains: 50 c/s – 3 phase
- Rated shaft power: 5.0 kW
- Rated electrical power: 6.3 kW
- Nominal speed: 1420 rpm
- Motor efficiency: 79%
- Power factor (cos phi): 0.82
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) or neoprene (CR)
  
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – Silicon carbide - FPM
- Seal motor side: Carbon – Ceramic - NBR
- Coating: Two components polyurethane

**Installation options**
- Header coupling: BWK 100
- Guide bar coupling: OWK 100-N
- Freestanding: 100mm hose connection or G 4° threaded connection
- Dry Installation: Vertical or horizontal install. discharge flange NW100, suction flange NW125

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Electrical cable size [mm²]</th>
<th>motor protection and/or water detector</th>
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<td>7G1.5</td>
</tr>
</tbody>
</table>

starting current DOL start: 5.0 x rated current
starting current YD start: 1.7 x rated current

* other voltages on request

Landustrie datasheet DTP42-40DJ-E1-15
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 100 mm
- Discharge/ Suction diameter: NW100 /NW125, PN10
- Impeller type: closed screw
- Impeller diameter: 190 - 170 mm
- Recommended min. flow: 6 l/sec (21 m³/h)
- Weight: 132 kg

**Motor**
- Mains: 50 c/s – 3 phase
- Rated shaft power: 6.0 kW
- Rated electrical power: 7.7 kW
- Nominal speed: 1395 rpm
- Motor efficiency: 78 %
- Power factor (cos φ): 0.85
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Alt: AISI 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) or neoprene (CR)
- Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide - Silicon carbide - FPM
- Seal motor side: Carbon – Ceramic - NBR
- Coating: Two components polyurethane

**Installation options**
- Header coupling: BWK 100
- Guide bar coupling: OWK 100-N
- Freestanding: 100mm hose connection or G 4" threaded connection
- Dry Installation: vertical or horizontal install. discharge flange NW100 suction flange NW125

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm²]</th>
<th>Motor protection and/or water detector</th>
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<td>4G6</td>
<td>7G1.5</td>
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<tr>
<td>400</td>
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<td>7G1.5</td>
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<td>7G1.5</td>
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<td></td>
<td>starting current DOL start: 4.2 x rated current</td>
<td>starting current YD start: 1.4 x rated current</td>
</tr>
</tbody>
</table>

*other voltages on request*

Landustrie datasheet DTP42-40DL-E1-15
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

Pump data
Solids passage 100 mm
Discharge/ Suction NW100 /NW125, PN10
Impeller type: closed screw
Impeller diameter 210 - 190 mm
Recommended min. flow 6 l/sec (21 m³/h)
Weight 138 kg

Motor
Mains: 50 c/s – 3 phase
Rated shaft power 7.5 kW
Rated electrical power 9.3 kW
Nominal speed 1390 rpm
Motor efficiency 81 %
Power factor (cos phi) 0.88
Degree of protection IP 68
Isolation class F (155°C)
Max. water temperature 40°C
Standard cable length 10 m

Materials
Pump casing Cast iron GG 25 (EN-GJL-250)
Impeller S.g cast iron GG 40 (EN-GJS-400-15)
Motor unit Cast iron GG 25 (EN-GJL-250)
Shaft AISI 431
Bolts AISI 316
Elastomers Nitrile (NBR) or neoprene (CR)
Electrical cable Neoprene (CR)
Seal lubrication Oil
Seal pump side Silicon carbide – Silicon carbide - FPM
Seal motor side Carbon – Ceramic - NBR
Coating Two components polyurethane

Installation options
Header coupling BWK 100
Guide bar coupling OWK 100-N
Freestanding 100 mm hose connection or
Including support (VRS) G 4° threaded connection
Dry Installation vertical or horizontal install.
Including cooling system discharge flange NW100
(O DO) suction flange NW125

Optional
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

Connections

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current (A)</th>
<th>Direct start</th>
<th>Star delta start</th>
<th>Direct start</th>
<th>Star delta start</th>
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<td>7G2.5</td>
<td>4G6 + 4G1.5</td>
<td>7G2.5 + 4G1.5</td>
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<td>10G1.5</td>
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<td>10G1.5</td>
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<tr>
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<td></td>
<td>starting current DOL start : 6.1 x rated current</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>starting current YD start : 2.0 x rated current</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* other voltages on request
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 100 mm
- Discharge/ Suction: NW100 /NW125, PN10
- Impeller type: closed screw
- Impeller diameter: 235 - 210 mm
- Recommended min. flow: 6 l/sec (21 m3/h)
- Weight: 148 kg

**Motor**
- Mains: 50 c/s – 3 phase
- Rated shaft power: 10.5 kW
- Rated electrical power: 12.5 kW
- Nominal speed: 1420 rpm
- Motor efficiency: 84 %
- Power factor (cos phi): 0.85
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
  - Alt: AISI 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) or neoprene (CR)
  - Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
  - Seal pump side: Silicon carbide – Silicon carbide - FPM
  - Seal motor side: Carbon – Ceramic - NBR
- Coating: Two components polyurethane

**Installation options**
- Header coupling: BWK 100
- Guide bar coupling: OWK 100-N
- Freestanding: 100mm hose connection or G 4" threaded connection
- Dry Installation: discharge flange NW100 suction flange NW125

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>Current (A)</th>
<th>Electrical cable size (mm²)</th>
<th>Motor protection and/or water detector</th>
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<tr>
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<td>4G10</td>
<td>2x4G6, 4G10 + 4G1.5</td>
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<td>4G6</td>
<td>7G1.5, 4G6 + 4G1.5, 10G1.5</td>
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<td>7G1.5, 10G1.5</td>
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</table>

* other voltages on request

Landustrie datasheet DTP42-40DU-E1-15
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump  
Application: Waste water, sewage

**Pump data**
- **Solids passage:** 100 mm
- **Discharge / Suction:** NW100 / NW125, PN10
- **Impeller type:** closed screw
- **Impeller diameter:** 250 - 230 mm
- **Recommended min. flow:** 6 l/sec (21 m³/h)
- **Weight:** 153 kg

**Motor**
- **Mains:** 50 c/s – 3 phase
- **Rated shaft power:** 13.0 kW
- **Rated electrical power:** 15.1 kW
- **Nominal speed:** 1420 rpm
- **Motor efficiency:** 86 %
- **Power factor (cos phi):** 0.84
- **Degree of protection:** IP 68
- **Isolation class:** F (155°C)
- **Max. water temperature:** 40°C
- **Standard cable length:** 10 m

**Materials**
- **Pump casing:** Cast iron GG 25 (EN-GJL-250)
- **Impeller:** S.g cast iron GG 40 (EN-GJS-400-15)
- **Motor unit:** Cast iron GG 25 (EN-GJL-250)
- **Shaft:** AISI 431
- **Bolts:** AISI 316
- **Elastomers:** Nitrile (NBR) or neoprene (CR)
- **Electrical cable:** Neoprene (CR)
- **Seal lubrication:** Oil
- **Seal pump side:** Silicon carbide – Silicon carbide - FPM
- **Seal motor side:** Carbon – Ceramic - NBR
- **Coating:** Two components polyurethane

**Installation options**
- **Header coupling:** BWK 100
- **Guide bar coupling:** OWK 100-N
- **Freestanding:** 100mm hose connection or G 4" threaded connection
- **Dry Installation:** vertical or horizontal install. discharge flange NW100 suction flange NW125

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>voltage</th>
<th>current</th>
<th>Electrical cable size [mm²]</th>
<th>motor protection and/or water detector</th>
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</thead>
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<td>[A]</td>
<td>direct start</td>
<td>stardelta start</td>
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<td>4G10</td>
<td>2x4G6</td>
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<tr>
<td>500</td>
<td>20.9</td>
<td>4G6</td>
<td>7G1.5</td>
</tr>
</tbody>
</table>

starting current DOL start: 5.0 x rated current
starting current YD start: 1.7x rated current

* other voltages on request

Landustrie datasheet DTP42-40DZ-E1-15
We reserve the right to alter specification without prior notice.
**Landustrie datasheet D**

We reserve the right to alter specification without prior notice.

**Pump type:** Submersible pump  
**Application:** Waste water, sewage

### Pump data
- **Solids passage:** 100 mm  
- **Discharge/ Suction diameter:** NW100 / NW125, PN10  
- **Impeller type:** closed screw  
- **Impeller diameter:** 210 – 170 mm  
- **Recommended min. flow:** 6 l/sec (21 m3/h)  
- **Weight:** 125 kg

### Motor
- **Mains:** 50 c/s – 3 phase  
- **Rated shaft power:** 2.4 kW  
- **Rated electrical power:** 3.2 kW  
- **Nominal speed:** 960 rpm  
- **Motor efficiency:** 75 %  
- **Power factor (cos phi):** 0.81  
- **Degree of protection:** IP 68  
- **Isolation class:** F (155°C)  
- **Max. water temperature:** 40°C  
- **Standard cable length:** 10 m

### Materials
- **Pump casing:** Cast iron GG 25 (EN-GJL-250)  
- **Impeller:** S.g cast iron GG 40 (EN-GJS-400-15)  
- **Motor unit:** Cast iron GG 25 (EN-GJL-250)  
- **Shaft:** AISI 431  
- **Bolts:** AISI 316  
- **Elastomers:** Nitrile (NBR) or neoprene (CR)  
- **Electrical cable:** Neoprene (CR)  
- **Seal lubrication:** Oil  
- **Seal pump side:** Silicon carbide – Silicon carbide - FPM  
- **Seal motor side:** Carbon – Ceramic - NBR  
- **Coating:** Two components polyurethane

### Installation options
- **Header coupling:** BWK 100  
- **Guide bar coupling:** OWK 100-N  
- **Freestanding:** 100mm hose connection or G 4” threaded connection  
- **Dry Installation:** vertical or horizontal install.  
- **Including support (VRS):** discharge flange NW100 suction flange NW125

### Optional
- Thermo switches in stator windings  
- Cable protective sheathing (AISI 316)  
- Water detector in motor and oil chamber

### Connections

<table>
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<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm2]</th>
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<td>G1.5, 7G1.5, 10G1.5</td>
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<td>400</td>
<td>5.7</td>
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<td>G1.5, 7G1.5, 10G1.5</td>
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<td>G1.5, 7G1.5, 10G1.5</td>
</tr>
</tbody>
</table>

starting current DOL start : 6.0 x rated current  
starting current YD start : 2.0 x rated current

* other voltages on request
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 100 mm
- Discharge/ Suction diameter: NW100 / NW125, PN10
- Impeller type: closed screw
- Impeller diameter: 250 - 210 mm
- Recommended min. flow: 6 l/sec (21 m3/h)
- Weight: 130 kg

**Motor**
- Mains: 50 c/s – 3 phase
- Rated shaft power: 4.0 kW
- Rated electrical power: 5.3 kW
- Nominal speed: 930 rpm
- Motor efficiency: 75%
- Power factor (cos phi): 0.75
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) or neoprene (CR)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – Silicon carbide - FPM
- Seal motor side: Carbon – Ceramic - NBR
- Coating: Two components polyurethane

**Installation options**
- Header coupling: BWK 100
- Guide bar coupling: OWK 100-N
- Freestanding: 100mm hose connection
- Including support (VRS): G 4° threaded connection
- Dry Installation: vertical or horizontal install.
- Including cooling system (ODO): discharge flange NW100
- suction flange NW125

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>Electrical cable size [mm²]</th>
<th>Motor protection and/or water detector</th>
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<td>[A]</td>
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<td>7G1.5</td>
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</tbody>
</table>

Starting current DOL start: 5.5 x rated current
Starting current YD start: 1.8 x rated current

*other voltages on request

Landustrie datasheet DTP42-40FH-E1-15
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump  
Application: Waste water, sewage

**Pump data**
- Solids passage: 100 mm
- Discharge/ Suction: NW150 / NW150, PN10
- Impeller type: closed screw
- Impeller diameter: 215 - 185 mm
- Recommended min. flow: 13 l/sec (47 m³/h)
- Weight: 185 kg

**Motor**
- Mains: 50 c/s – 3 phase
- Rated shaft power: 10.5 kW
- Rated electrical power: 12.5 kW
- Nominal speed: 1420 rpm
- Motor efficiency: 84 %
- Power factor (cos phi): 0.85
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431 (Alt: AISI 316)
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) or neoprene (CR) (Alt: viton (FPM))
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – Silicon carbide - FPM
- Seal motor side: Carbon – Ceramic - NBR
- Coating: Two components polyurethane

**Installation options**
- Header coupling: BWK 150
- Guide bar coupling: OWK 150-N
- Freestanding: 150mm hose connection
- Including support (VRS): vertical or horizontal install.
- Dry Installation: discharge flange NW150
- Including cooling system (ODO): suction flange NW150

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>[V]*</th>
<th>[A]</th>
<th>Voltage</th>
<th>Current</th>
<th>Motor protection and/or water detector</th>
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<td>10G1.5</td>
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</tbody>
</table>

* Voltage and current values are subject to change. Other voltages are available upon request.
Landustrie datasheet DTP42-41DZ-E1-15
We reserve the right to alter specification without prior notice.

Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
Solids passage: 100 mm
Discharge/ Suction diameter: NW150 / NW150, PN10
Impeller type: closed screw
Impeller diameter: 240 - 210 mm
Recommended min. flow: 13 l/sec (47 m3/h)
Weight: 190 kg

**Motor**
Mains: 50 c/s – 3 phase
Rated shaft power: 13.0 kW
Rated electrical power: 15.1 kW
Nominal speed: 1420 rpm
Motor efficiency: 86 %
Power factor (cos phi): 0.84
Degree of protection: IP 68
Isolation class: F (155°C)
Max. water temperature: 40°C
Standard cable length: 10 m

**Materials**
Pump casing: Cast iron GG 25 (EN-GJL-250)
Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
Motor unit: Cast iron GG 25 (EN-GJL-250)
Shaft: AISI 431
Alt: AISI 316
Bolts: AISI 316
Elastomers: Nitrile (NBR) or neoprene (CR)
Alt: viton (FPM)
Electrical cable: Neoprene (CR)
Seal lubrication: Oil
Seal pump side: Silicon carbide – Silicon carbide - FPM
Seal motor side: Carbon – Ceramic - NBR
Coating: Two components polyurethane

**Installation options**
Header coupling: BWK 150
Guide bar coupling: OWK 150-N
Freestanding: 150mm hose connection
Including support (VRS)
Dry Installation: vertical or horizontal install.
Including cooling system (ODO) discharge flange NW150 suction flange NW150

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm²]</th>
<th>Motor protection and/or water detector</th>
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<tbody>
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<td>4G10 + 4G1.5</td>
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<td>26.1</td>
<td>4G6</td>
<td>4G6 + 4G1.5</td>
</tr>
<tr>
<td>500</td>
<td>20.9</td>
<td>4G6</td>
<td>4G6 + 4G1.5</td>
</tr>
</tbody>
</table>

starting current DOL start : 5.0 x rated current
starting current YD start : 1.7 x rated current
* other voltages on request
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 100 mm
- Discharge / Suction diameter: NW150 / NW150, PN10
- Impeller type: closed screw
- Impeller diameter: 240 - 210 mm
- Recommended min. flow: 13 l/sec (47 m³/h)
- Weight: 150 kg

**Motor**
- Mains: 50 c/s – 3 phase
- Rated shaft power: 4.0 kW
- Rated electrical power: 5.3 kW
- Nominal speed: 930 rpm
- Motor efficiency: 75%
- Power factor (cos phi): 0.75
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Alt: AISI 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) or neoprene (CR)
  Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – Silicon carbide - FPM
- Seal motor side: Carbon – Ceramic - NBR
- Coating: Two components polyurethane

**Installation options**
- Header coupling: BWK 150
- Guide bar coupling: OWK 150-N
- Freestanding: 150mm hose connection
- Including support (VRS): vertical or horizontal install.
- Dry Installation: discharge flange NW150
  Including cooling system (ODO): suction flange NW150

**Optional**
- Thermo switches in stator windings
- Cable protective sheathing (AISI 316)
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm²]</th>
<th>Motor protection and/or water detector</th>
</tr>
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<tbody>
<tr>
<td>230</td>
<td>17.9</td>
<td>4G2.5</td>
<td>direct start</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>standelta start</td>
</tr>
<tr>
<td>400</td>
<td>10.3</td>
<td>4G2.5</td>
<td>7G1.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>direct start</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>standelta start</td>
</tr>
<tr>
<td>500</td>
<td>8.2</td>
<td>4G2.5</td>
<td>7G1.5</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>direct start</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>standelta start</td>
</tr>
</tbody>
</table>

starting current DOL start: 5.5 x rated current
starting current YD start: 1.6 x rated current

* other voltages on request

Landustrie datasheet DTP42-41FH-E1-15
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 110 mm
- Discharge/ Suction: NW150/ NW200, PN16
- Impeller type: Closed screw impeller
- Impeller diameter: 300 - 210 mm
- Recommended min. flow: 13 l/sec (47 m3/h)
- Weight: 330 kg

**Motor**
- Mains: 50 Hz – 3 phase
- Rated shaft power: 9.0 kW
- Rated electrical power: 10.7 kW
- Nominal speed: 960 rpm
- Motor efficiency: 84 %
- Power factor (cos phi): 0.87
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Standard with thermo-switches: 125°C
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GG G 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Alt: AISI 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) of neoprene (CR)
- Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – silicon carbide
- Seal motor side: Carbon - Ceramic
- Coating: Two components polyurethane

**Installation options**
- Guide bar coupling: OWK 150-N
- Freestanding: 150 mm hose connection
- Including support (VRS)
- Dry Installation: vertical or horizontal install.
- Including cooling system: discharge flange NW150
  suction flange NW200

**Optional**
- Version with cooling system
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Motor protection and/or water detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>31.0</td>
<td>1 x 4G36 + 4G2.5</td>
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<tr>
<td>400</td>
<td>17.8</td>
<td>1 x 7G2.5 + 4G2.5</td>
</tr>
<tr>
<td>500</td>
<td>14.2</td>
<td>1 x 7G2.5 + 4G2.5</td>
</tr>
</tbody>
</table>

**Starting current DOL start**: 5.1 x rated current
**Starting current YD start**: 1.7 x rated current

* other voltages on request
Pump type: Submersible pump  
Application: Waste water, sewage

**Pump data**

- **Solids passage:** 110 mm  
- **Discharge/ Suction:** NW150/ NW200, PN16  
- **Impeller type:** Closed screw impeller  
- **Impeller diameter:** 250 - 210 mm  
- **Recommended min. flow:** 13 l/sec (47 m³/h)  
- **Weight:** 330 kg

**Motor**

- **Mains:** 50 Hz – 3 phase  
- **Rated shaft power:** 16.0 kW  
- **Rated electrical power:** 18.8 kW  
- **Nominal speed:** 1450 rpm  
- **Motor efficiency:** 85 %  
- **Power factor (cos phi):** 0.78  
- **Degree of protection:** IP 68  
- **Isolation class:** F (155°C)  
- **Standard with thermo-switches:** 125°C  
- **Max. water temperature:** 40°C  
- **Standard cable length:** 10 m

**Materials**

- **Pump casing:** Cast iron GG 25 (EN-GJL-250)  
- **Impeller:** S.g cast iron GG 40 (EN-GJS-400-15)  
- **Motor unit:** Cast iron GG 25 (EN-GJL-250)  
- **Shaft:** AISI 431  
- **Bolts:** AISI 316  
- **Elastomers:** Nitrile (NBR) of neoprene (CR)  
- **Electrical cable:** Neoprene (CR)  
- **Seal lubrication:** Oil  
- **Seal pump side:** Silicon carbide – silicon carbide  
- **Seal motor side:** Carbon - Ceramic  
- **Coating:** Two components polyurethane

**Installation options**

- **Guide bar coupling:** OWK 150-N  
- **Freestanding:** 150 mm hose connection  
- **Including support (VRS):**  
- **Dry Installation:** vertical or horizontal install.  
- **Including cooling system (ODO):** discharge flange NW150  
- **suction flange NW200**

**Optional**

- Version with cooling system
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>Current (A)</th>
<th>Electrical cable size [mm²]</th>
<th>Motor protection and/or water detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>60.5</td>
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<td>direct start, star-delta start</td>
</tr>
<tr>
<td>400</td>
<td>34.8</td>
<td>1x4G6 + 4G2.5, 1x7G2.5 + 4G2.5</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>27.9</td>
<td>1x4G6 + 4G2.5, 1x7G2.5 + 4G2.5</td>
<td></td>
</tr>
</tbody>
</table>

starting current DOL start: 5.4 x rated current  
starting current YD start: 1.8 x rated current  
* other voltages on request

Landustrie datasheet DTP62-40LD-E1-14  
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 110 mm
- Discharge/ Suction: NW150/ NW200, PN16
- Impeller type: Closed screw impeller
- Impeller diameter: 300 - 210 mm
- Recommended min. flow: 13 l/sec (47 m³/h)
- Weight: 335 kg

**Motor**
- Mains: 50 Hz – 3 phase
- Rated shaft power: 22.0 kW
- Rated electrical power: 26.2 kW
- Nominal speed: 1430 rpm
- Motor efficiency: 84 %
- Power factor (cos phi): 0.82
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Standard with thermo-switches: 125°C
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GGG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Alt: AISi 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) of neoprene (CR)
- Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – silicon carbide
- Seal motor side: Carbon - Ceramic
- Coating: Two components polyurethane

**Installation options**
- Guide bar coupling: OWK 150-N
- Freestanding: 150 mm hose connection
- Including support (VRS)
- Dry Installation: vertical or horizontal install.
- Including cooling system (ODD): discharge flange NW150
- suction flange NW200

**Optional**
- Version with cooling system
- Water detector in motor and oil chamber

**Connections**

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm²]</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>80.2</td>
<td>direct start: 2x4G10 + 4G2.5</td>
</tr>
<tr>
<td>400</td>
<td>46.1</td>
<td>star-delta start: 2x4G10 + 4G2.5</td>
</tr>
<tr>
<td>500</td>
<td>36.9</td>
<td>1x4G10 + 4G2.5 + 4G2.5</td>
</tr>
</tbody>
</table>

Starting current DOL start: 5.7 x rated current
Starting current YD start: 1.9 x rated current

* other voltages on request

Landustrie datasheet DTP62-40LF-E1-14
We reserve the right to alter specification without prior notice.
**Pump data**

- **Solids passage**: 125 mm
- **Discharge/ Suction**: NW200/ NW200, PN16
- **Impeller type**: Closed screw impeller
- **Impeller diameter**: 285 - 260 mm
- **Recommended min. flow**: 23 l/sec (84 m3/h)
- **Weight**: 370 kg

**Motor**

- **Mains**: 50 Hz – 3 phase
- **Rated shaft power**: 9.0 kW
- **Rated electrical power**: 10.7 kW
- **Nominal speed**: 940 rpm
- **Motor efficiency**: 84 %
- **Power factor (cos phi)**: 0.87
- **Degree of protection**: IP 68
- **Isolation class**: F (155°C)
- **Standard with thermo-switches**: 125°C
- **Max. water temperature**: 40°C
- **Standard cable length**: 10 m

**Materials**

- **Pump casing**: Cast iron GG 25 (EN-GJL-250)
- **Impeller**: S.g cast iron GGG 40 (EN-GJS-400-15)
- **Motor unit**: Cast iron GG 25 (EN-GJL-250)
- **Shaft**: AISI 431
  - Alt: AISI 316
- **Bolts**: AISI 316
- **Elastomers**: Nitrile (NBR) of neoprene (CR)
  - Alt: viton (FPM)
- **Electrical cable**: Neoprene (CR)
- **Seal lubrication**: Oil
- **Seal pump side**: Silicon carbide – silicon carbide
- **Seal motor side**: Carbon - Ceramic
- **Coating**: Two components polyurethane

**Installation options**

- **Guide bar coupling**: OWK 200-N
- **Freestanding**: 200 mm hose connection
- **Including support (VRS)**
- **Dry Installation**
  - vertical or horizontal install.
  - including cooling system
  - discharge flange NW200
  - suction flange NW200

**Optional**

- Version with cooling system
- Water detector in motor and oil chamber
- Duplex impeller 1.4460

**Connections**

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>Current (A)</th>
<th>Electrical cable size [mm²]</th>
<th>Motor protection and/or water detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>31.0</td>
<td>1x4G6 + 4G2.5</td>
<td>1x7G2.5 + 4G2.5</td>
</tr>
<tr>
<td>400</td>
<td>17.8</td>
<td>1x7G2.5</td>
<td>1x7G2.5 + 4G2.5</td>
</tr>
<tr>
<td>500</td>
<td>14.2</td>
<td>1x7G2.5</td>
<td>1x7G2.5 + 4G2.5</td>
</tr>
</tbody>
</table>

* starting current DOL start : 5.1 x rated current
* starting current YD start : 1.7 x rated current

* other voltages on request

---

Landustrie datasheet DTP62-50FR-E1-14
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

### Pump data

<table>
<thead>
<tr>
<th>Solids passage</th>
<th>125 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharge/ Suction</td>
<td>NW200/ NW200, PN16</td>
</tr>
<tr>
<td>Impeller type:</td>
<td>Closed screw impeller</td>
</tr>
<tr>
<td>Impeller diameter</td>
<td>325 - 285 mm</td>
</tr>
<tr>
<td>Recommended min. flow</td>
<td>23 l/sec (84 m3/h)</td>
</tr>
<tr>
<td>Weight</td>
<td>380 kg</td>
</tr>
</tbody>
</table>

### Motor

| Mains: | 50 Hz – 3 phase |
| Rated shaft power | 13.0 kW |
| Rated electrical power | 15.1 kW |
| Nominal speed | 960 rpm |
| Motor efficiency | 86 % |
| Power factor (cos phi) | 0.83 |
| Degree of protection | IP 68 |
| Isolation class | F (155°C) |
| Standard with thermo-switches | 125°C |
| Max. water temperature | 40°C |
| Standard cable length | 10 m |

### Materials

- **Pump casing:** Cast iron GG 25 (EN-GJL-250)
- **Impeller:** S.g cast iron GG 40 (EN-GJS-400-15)
- **Motor unit:** Cast iron GG 25 (EN-GJL-250)
- **Shaft:** AISI 431
  - Alt: AISI 316
- **Bolts:** AISI 316
- **Elastomers:** Nitrile (NBR) of neoprene (CR)
  - Alt: viton (FPM)
- **Electrical cable:** Neoprene (CR)
- **Seal lubrication:** Oil
- **Seal pump side:** Silicon carbide – silicon carbide
- **Seal motor side:** Carbon - Ceramic
- **Coating:** Two components polyurethane

### Installation options

- **Guide bar coupling:** OWK 200-N
- **Freestanding:** 200 mm hose connection
  - Including support (VRS)
- **Dry Installation:** vertical or horizontal install.
  - Including cooling system (ODO)
  - Discharge flange NW200
  - Suction flange NW200

### Optional

- Version with cooling system
- Water detector in motor and oil chamber
- Duplex impeller 1.4460

### Connections

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Electrical cable size [mm²]</th>
</tr>
</thead>
<tbody>
<tr>
<td>[V]*</td>
<td>[A]</td>
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<td>26.3</td>
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<tr>
<td>500</td>
<td>21.0</td>
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<tr>
<td>Starting current DOL start</td>
<td>5.1 x rated current</td>
</tr>
<tr>
<td>Starting current YD start</td>
<td>1.7 x rated current</td>
</tr>
</tbody>
</table>

* other voltages on request

---

Landustrie datasheet DTP62-50FZ-E1-14
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

Pump data
- Solids passage: 125 mm
- Discharge/Suction: NW200/ NW200, PN16
- Impeller type: Closed screw impeller
- Impeller diameter: 260 mm
- Recommended min. flow: 23 l/sec (84 m³/h)
- Weight: 380 kg

Motor
- Mains: 50 Hz – 3 phase
- Rated shaft power: 22.0 kW
- Rated electrical power: 26.2 kW
- Nominal speed: 1430 rpm
- Motor efficiency: 84 %
- Power factor (cos phi): 0.82
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Standard with thermo-switches: 125°C
- Max. water temperature: 40°C
- Standard cable length: 10 m

Materials
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GGG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Alt: AISI 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) of neoprene (CR)
- Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – silicon carbide
- Seal motor side: Carbon - Ceramic
- Coating: Two components polyurethane

Installation options
- Guide bar coupling: OWK 200-N
- Freestanding: 200 mm hose connection
- Including support (VRS)
- Dry Installation: vertical or horizontal install.
- Including cooling system (ODO): discharge flange NW200 suction flange NW200

Optional
- Version with cooling system
- Water detector in motor and oil chamber
- Duplex impeller 1.4460

Connections

<table>
<thead>
<tr>
<th>Voltage (V)</th>
<th>Current (A)</th>
<th>Electrical cable size [mm²]</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>80.2</td>
<td>2x4G10 + 4G2.5</td>
</tr>
<tr>
<td>400</td>
<td>46.1</td>
<td>1x4G10 + 4G2.5 + 2x4G6 + 4G2.5</td>
</tr>
<tr>
<td>500</td>
<td>36.9</td>
<td>1x4G10 + 4G2.5 + 2x4G6 + 4G2.5</td>
</tr>
</tbody>
</table>

* other voltages on request
Pump type: Submersible pump
Application: Waste water, sewage

**Pump data**
- Solids passage: 125 mm
- Discharge/ Suction: NW200/ NW200, PN16
- Impeller type: Closed screw impeller
- Impeller diameter: 305 - 260 mm
- Recommended min. flow: 23 l/sec (84 m3/h)
- Weight: 400 kg

**Motor**
- Mains: 50 Hz – 3 phase
- Rated shaft power: 34.0 kW
- Rated electrical power: 39.5 kW
- Nominal speed: 1440 rpm
- Motor efficiency: 86 %
- Power factor (cos phi): 0.86
- Degree of protection: IP 68
- Isolation class: F (155°C)
- Standard with thermo-switches: 125°C
- Max. water temperature: 40°C
- Standard cable length: 10 m

**Materials**
- Pump casing: Cast iron GG 25 (EN-GJL-250)
- Impeller: S.g cast iron GGG 40 (EN-GJS-400-15)
- Motor unit: Cast iron GG 25 (EN-GJL-250)
- Shaft: AISI 431
- Alt: AISI 316
- Bolts: AISI 316
- Elastomers: Nitrile (NBR) of neoprene (CR)
- Alt: viton (FPM)
- Electrical cable: Neoprene (CR)
- Seal lubrication: Oil
- Seal pump side: Silicon carbide – silicon carbide
- Seal motor side: Carbon - Ceramic
- Coating: Two components polyurethane

**Installation options**
- Guide bar coupling: OWK 200-N
- Freestanding: 200 mm hose connection
- Including support (VRS)
- Dry Installation: vertical or horizontal install. discharge flange NW200 suction flange NW200

**Optional**
- Version with cooling system
- Water detector in motor and oil chamber
- Duplex impeller 1.4460

**Connections**

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm2]</th>
<th>motor protection and/or water detector</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>115.5</td>
<td>2x4G16 + 4G2.5</td>
<td>direct start</td>
</tr>
<tr>
<td>400</td>
<td>66.4</td>
<td>2x4G10 + 4G2.5</td>
<td>star-delta start</td>
</tr>
<tr>
<td>500</td>
<td>53.1</td>
<td>2x4G6 + 4G2.5</td>
<td>direct start</td>
</tr>
<tr>
<td></td>
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<td>star-delta start</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>other voltages on request</td>
</tr>
</tbody>
</table>

Landustrie datasheet DTP62-50LI-E1-14
We reserve the right to alter specification without prior notice.
Pump type: Submersible pump
Application: Waste water, sewage

Pump data
Solids passage 125 mm
Discharge/Suction NW200/ NW200, PN16
Impeller type: Closed screw impeller
Impeller diameter 332 - 285 mm
Recommended min. flow 23 l/sec (84 m3/h)
Weight 470 kg

Motor
Mains: 50 Hz – 3 phase
Rated shaft power 48.0 kW
Rated electrical power 54.5 kW
Nominal speed 1460 rpm
Motor efficiency 88 %
Power factor (cos phi) 0.86
Degree of protection IP 68
Isolation class F (155°C)
Standard with thermo-switches 125°C
Max. water temperature 40°C
Standard cable length 10 m

Materials
Pump casing Cast iron GG 25 (EN-GJL-250)
Impeller S.g cast iron GG40 (EN-GJS-400-15)
Motor unit Cast iron GG 25 (EN-GJL-250)
Shaft AISI 431
Bolts AISI 316
Elastomers Nitrile (NBR) of neoprene (CR)
Electrical cable Neoprene (CR)
Seal lubrication Oil
Seal pump side Silicon carbide – silicon carbide
Seal motor side Carbon - Ceramic
Coating Two components polyurethane

Installation options
Guide bar coupling OWK 200-N
Freestanding 200 mm hose connection
Including support (VRS)
Dry Installation vertical or horizontal install.
Including cooling system discharge flange NW200
(ODO) suction flange NW200

Optional
- Version with cooling system
- Water detector in motor and oil chamber
- Duplex impeller 1.4460

Connections

<table>
<thead>
<tr>
<th>Voltage [V]</th>
<th>Current [A]</th>
<th>Electrical cable size [mm2]</th>
</tr>
</thead>
<tbody>
<tr>
<td>230</td>
<td>159.2</td>
<td>motor protection and/or water detector</td>
</tr>
<tr>
<td>400</td>
<td>91.5</td>
<td>direct start star-delta start</td>
</tr>
<tr>
<td>500</td>
<td>73.2</td>
<td>2x4G16 + 4G2.5</td>
</tr>
</tbody>
</table>

starting current DOL start: 4.4 x rated current
starting current YD start: 1.5 x rated current

* other voltages on request

Landustrie datasheet DTP62-50LL-E1-14
We reserve the right to alter specification without prior notice.