**Company name:**
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**Phone:**

**Date:** 14/09/2020

| Qty. | Description |
|---|---|
| 1 | **SEG.40.26.EX.2.50B** |



**Note! Product picture may differ from actual product**

Product No.: On request

Non-self-priming, single-stage, centrifugal pump with horizontal discharge port, specifically designed for lift and pumping of wastewater containing discharge from toilets. The pump is equipped with a grinder system that grinds destructible solids into small pieces so that they can be led away through pipes of a relatively small diameter.

The surface of the pump is smooth to prevent dirt and impurities from sticking to the pump. A corrosion resistant stainless steel clamp is securing the motor to the pump housing and allow for ease of service of the pump.

For maintaining maximum pump efficiency during the pump life, a SmartTrim system allows easy adjustment of impeller clearance.

The pump is explosion-proof.

Controls:

| | |
|---|---|
| Moisture sensor: | without moisture sensors |
| AUTOADAPT: | NO |

Liquid:

| | |
|---|---|
| Pumped liquid: | Any Newtonian liquid |
| Liquid temperature range: | 0 .. 40 °C |
| Density: | 998.2 kg/m³ |

Technical:

| | |
|---|---|
| Type of impeller: | GRINDER SYSTEM |
| Primary shaft seal: | SIC/SIC |
| Secondary shaft seal: | CARBON/CERAMICS |
| Approvals on nameplate: | PA-I, ATEX |
| Curve tolerance: | ISO9906:2012 3B2 |

Materials:

| | |
|---|---|
| Pump housing: | Cast iron<br>EN1561 EN-GJL-200 |
| Impeller: | Cast iron<br>EN1561 EN-GJL-200 |

Installation:

| | |
|---|---|
| Maximum ambient temperature: | 40 °C |
| Maximum operating pressure: | 6 bar |
| Flange standard: | DIN |

GRUNDFOS

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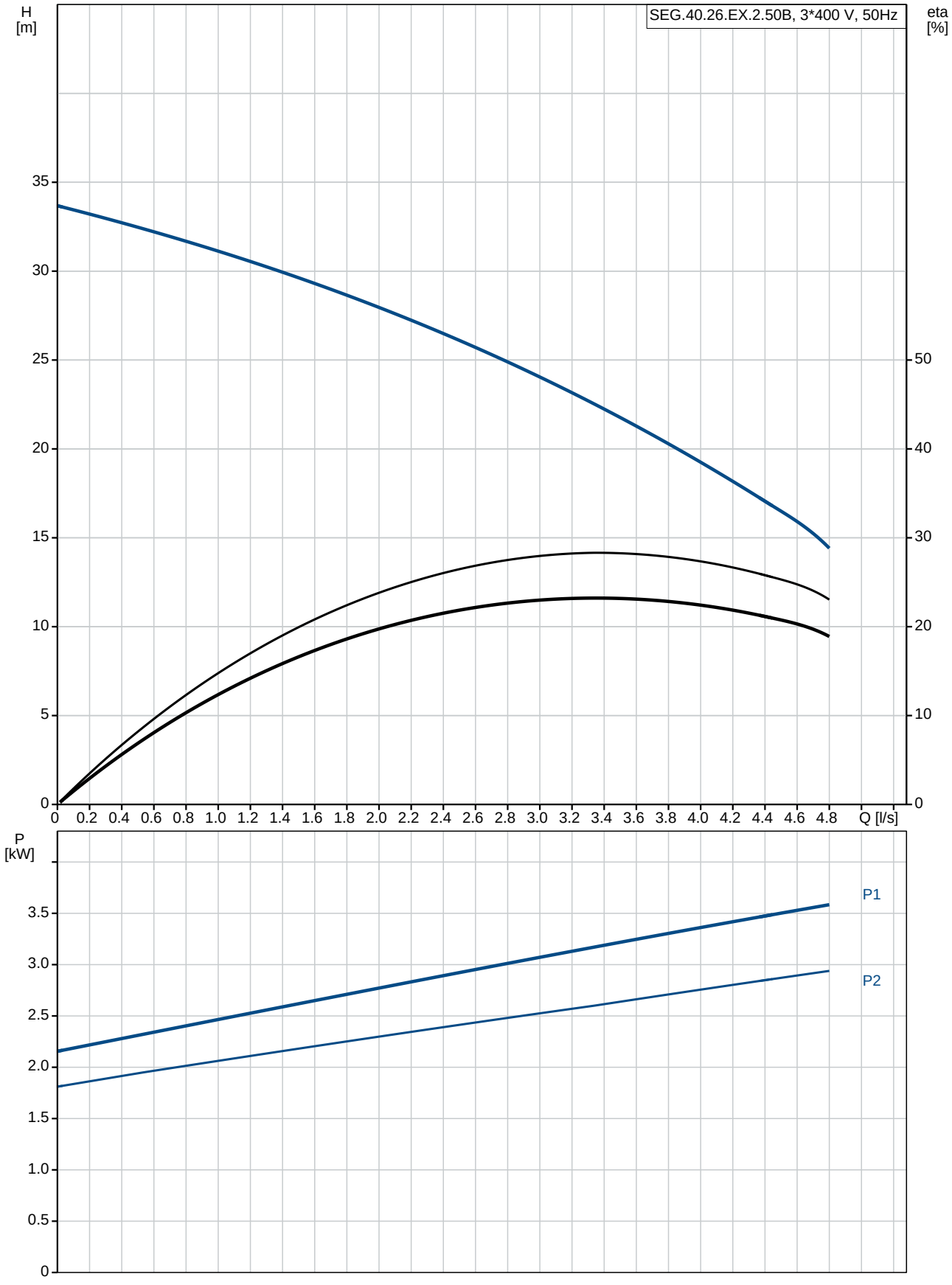
**Date:** 14/09/2020

| Qty. | Description | |
|---|---|---|
| | Pipework connection: | DN 40/50 |
| | Pump outlet: | DN 40 |
| | Pressure rating: | PN 10 |
| | Maximum installation depth: | 10 m |
| | Auto-coupling: | 96076063 |
| | | |
| | Electrical data: | |
| | Power input - P1: | 3.2 kW |
| | Rated power - P2: | 2.6 kW |
| | Mains frequency: | 50 Hz |
| | Rated voltage: | 3 x 400-415 V |
| | Voltage tolerance: | +6/-10 % |
| | Max starts per. hour: | 30 |
| | Rated current: | 6 A |
| | Starting current: | 33 A |
| | Rated current at no load: | 2.8 A |
| | Cos phi - power factor: | 0.87 |
| | Cos phi - p.f. at 3/4 load: | 0.81 |
| | Cos phi - p.f. at 1/2 load: | 0.68 |
| | Rated speed: | 2870 rpm |
| | Moment of inertia: | 0.0093 kg m² |
| | Motor efficiency at full load: | 82 % |
| | Motor efficiency at 3/4 load: | 84 % |
| | Motor efficiency at 1/2 load: | 84 % |
| | Number of poles: | 2 |
| | Start. method: | direct-on-line |
| | Enclosure class (IEC 34-5): | IP68 |
| | Insulation class (IEC 85): | F |
| | Explosion proof: | yes |
| | Ex-description: | EEX D IIB T4 |
| | Explosion protection standard: | EN 60079-0/EN 60079-1 |
| | Length of cable: | 10 m |
| | Cable type: | LYNIFLEX |
| | Type of cable plug: | NO PLUG |
| | | |
| | Others: | |
| | Net weight: | 62.6 kg |

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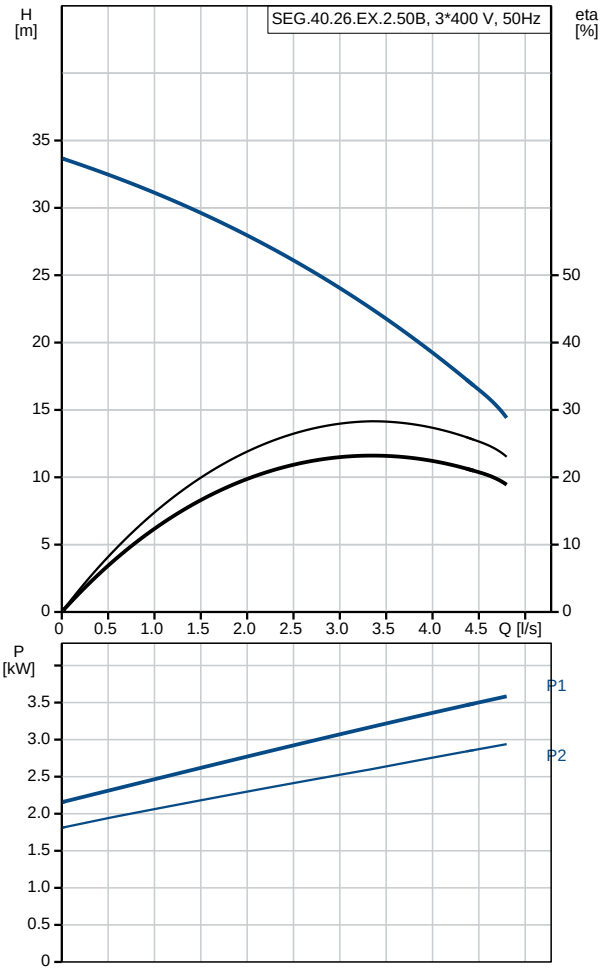
# On request SEG.40.26.EX.2.50B 50 Hz



**Company name:**
**Created by:**
**Phone:**

**Date:** 14/09/2020

| Description | Value |
|---|---|
| **General information:** | |
| Product name: | SEG.40.26.EX.2.50B |
| Product No: | On request |
| EAN number: | On request |
| Price: | |
| **Technical:** | |
| Maximum flow: | 5.28 l/s |
| Max flow: | 5.28 l/s |
| Head max: | 33.8 m |
| Type of impeller: | GRINDER SYSTEM |
| Primary shaft seal: | SIC/SIC |
| Secondary shaft seal: | CARBON/CERAMICS |
| Approvals on nameplate: | PA-I, ATEX |
| Curve tolerance: | ISO9906:2012 3B2 |
| **Materials:** | |
| Pump housing: | Cast iron |
| Pump housing: | EN1561 EN-GJL-200 |
| Impeller: | Cast iron |
| Impeller: | EN1561 EN-GJL-200 |
| **Installation:** | |
| Maximum ambient temperature: | 40 °C |
| Maximum operating pressure: | 6 bar |
| Flange standard: | DIN |
| Pipework connection: | DN 40/50 |
| Pump outlet: | DN 40 |
| Pressure rating: | PN 10 |
| Maximum installation depth: | 10 m |
| Inst dry/wet: | SUBMERGED |
| Auto-coupling: | 96076063 |
| **Liquid:** | |
| Pumped liquid: | Any Newtonian liquid |
| Liquid temperature range: | 0 .. 40 °C |
| Density: | 998.2 kg/m³ |
| **Electrical data:** | |
| Power input - P1: | 3.2 kW |
| Rated power - P2: | 2.6 kW |
| Mains frequency: | 50 Hz |
| Rated voltage: | 3 x 400-415 V |
| Voltage tolerance: | +6/-10 % |
| Max starts per. hour: | 30 |
| Rated current: | 6 A |
| Starting current: | 33 A |
| Rated current at no load: | 2.8 A |
| Cos phi - power factor: | 0.87 |
| Cos phi - p.f. at 3/4 load: | 0.81 |
| Cos phi - p.f. at 1/2 load: | 0.68 |
| Rated speed: | 2870 rpm |
| Moment of inertia: | 0.0093 kg m² |
| Motor efficiency at full load: | 82 % |
| Motor efficiency at 3/4 load: | 84 % |
| Motor efficiency at 1/2 load: | 84 % |
| Number of poles: | 2 |
| Start. method: | direct-on-line |
| Enclosure class (IEC 34-5): | IP68 |
| Insulation class (IEC 85): | F |
| Explosion proof: | yes |
| Ex-description: | EEX D IIB T4 |
| Explosion protection standard: | EN 60079-0/EN 60079-1 |



GRUNDFOS

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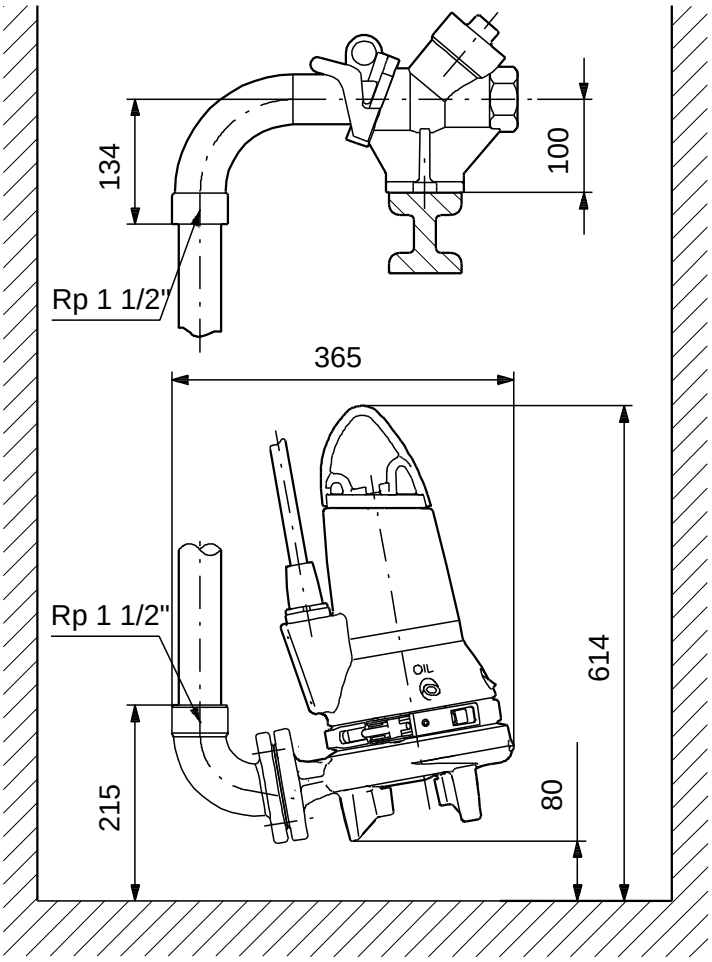
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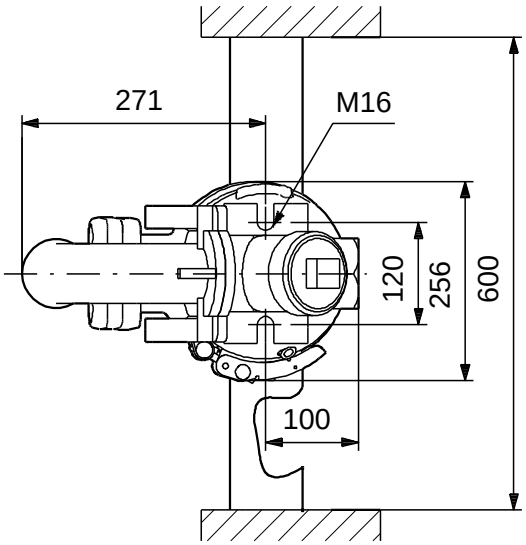
| Description | Value |
|---|---|
| Motor protec: | THERMAL SWITCH |
| Thermal protec: | external |
| Length of cable: | 10 m |
| Cable type: | LYNIFLEX |
| Type of cable plug: | NO PLUG |
| **Controls:** | |
| Control box: | not included |
| Additional I/O: | External |
| Moisture sensor: | without moisture sensors |
| AUTOADAPT: | NO |
| **Others:** | |
| Net weight: | 62.6 kg |

**Company name:**
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**Phone:**

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# On request SEG.40.26.EX.2.50B 50 Hz



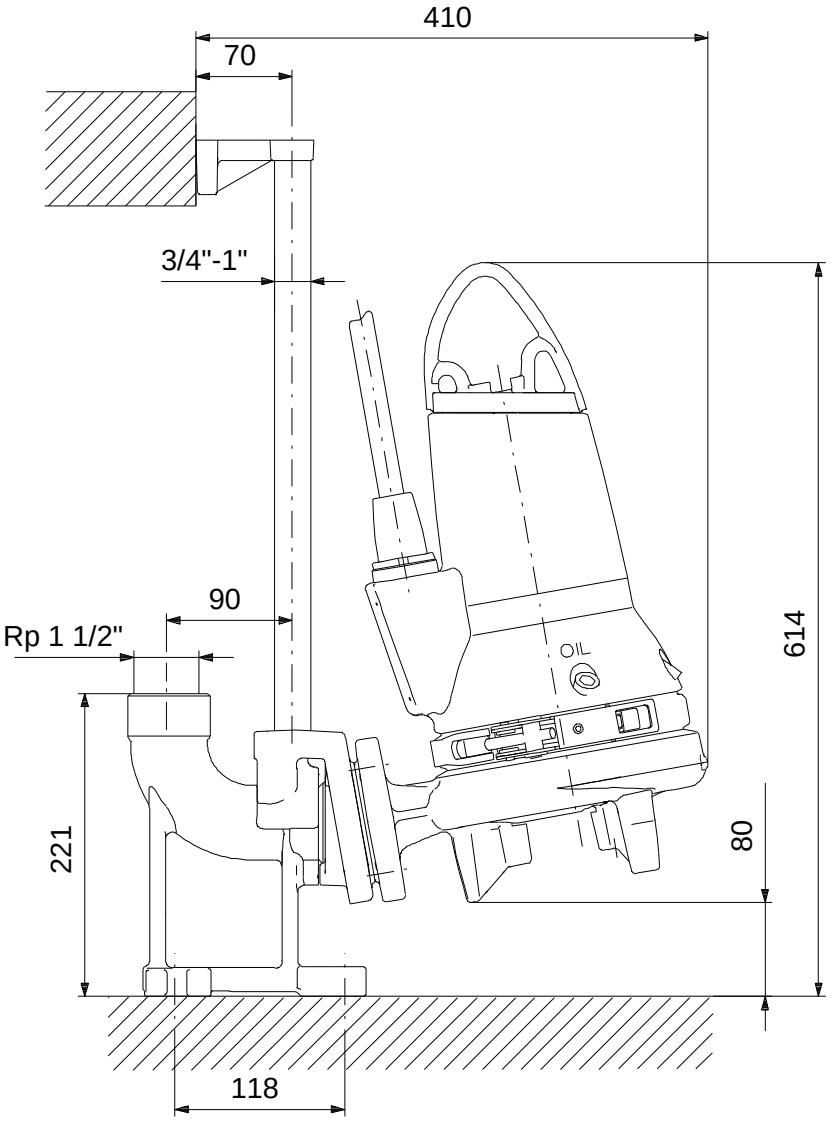



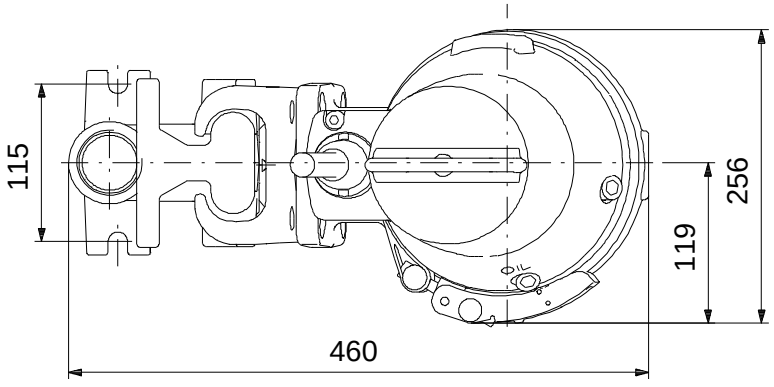

Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

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# On request SEG.40.26.EX.2.50B 50 Hz



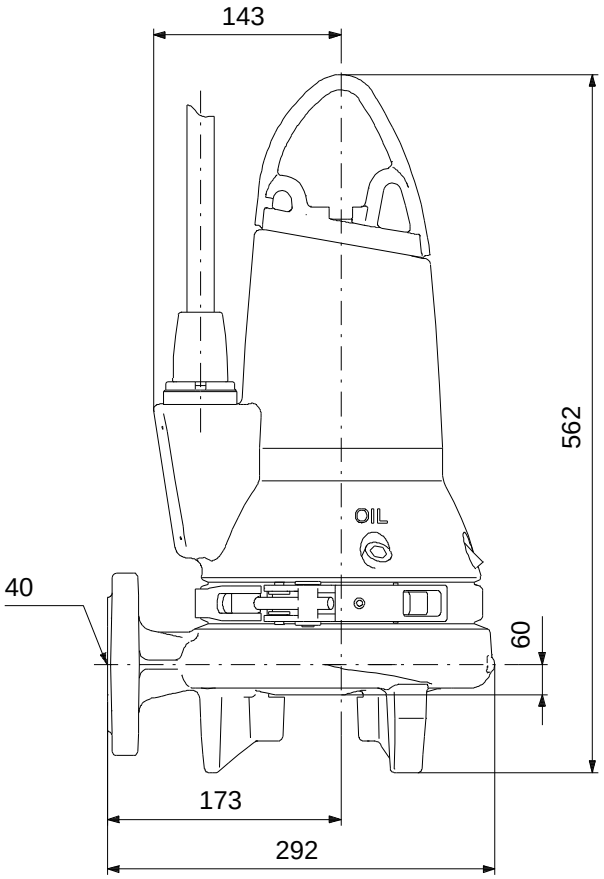



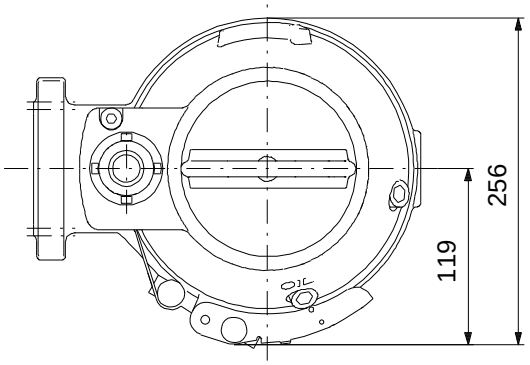

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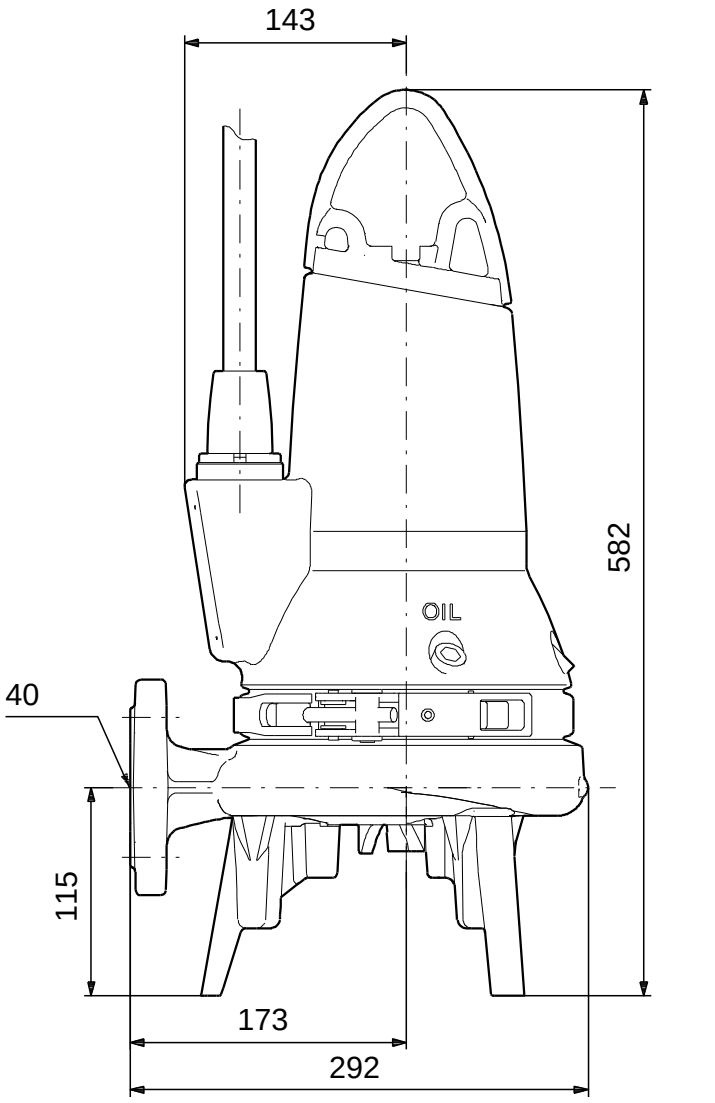



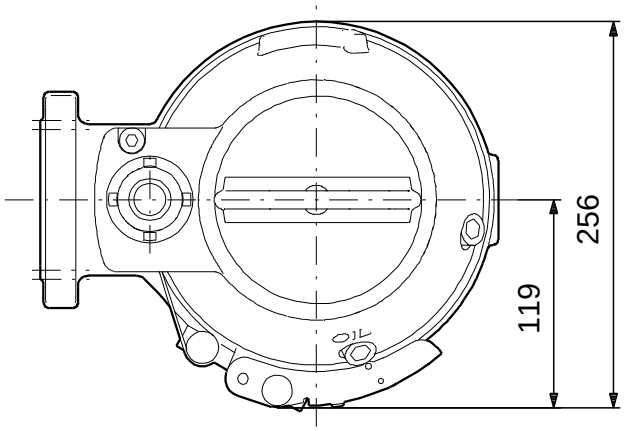

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