# PSE 34 - Shaft 14 mm hollow


- Positioning system with 100 W power output
- For vertical applications with integrated brake (optional)
- Absolute measuring system
- Position control for direct connection to a control module
- Space-saving, compact design
- Galvanically separated supply voltages between control and motor and bus
- Durable EC-motor
- Extremely accurate positioning due to measurement of the position at the output side
- Bus interfaces simplify start-up and wiring complexity
- Address may be set using the bus or an address switch (not for IO-Link)
- Baud rate set via switch
- Status messages retrievable via bus
- Partial safety function for STO (Safe Torque Off)

Dimensions in mm.

**Type:** Horizontal
**Nominal Torque (Nm):** 10; 18
**Nominal Speed (rpm):** 60; 80
**Nominal Voltage (V DC):** 24 (± 10 %)
**Nominal Current (A):** 7.8
**Output Shaft (mm):** 14
**Output Shaft Type:** Hollow
**BUS Communication:** Can Open (CA); Profi Bus (DP); Device Net (DN); Modbus (MB); IO-Link (IO); ProfiNet (PN); Sercos (SE); EtherCat (EC); Ethernet IP (EI); PowerLink (PL)
**Electrical connection:** "Standard; with jog keys; 1 connector Y-encoded or 1 connector Y-encoded with jog keys"
**Protection Class:** IP65
**Motor:** EC-motor
**Supply Voltage:** 24 V DC ± 10 % galvanically separated between control and motor and bus
**Measurement System:** Absolute, optical-magnetic
**Accuracy:** ± 0.9°
**Intermittence:** 20% (basis time 300 s)
**Manual Adjustment:** Standard
**Brake:** Optional (friction brake)

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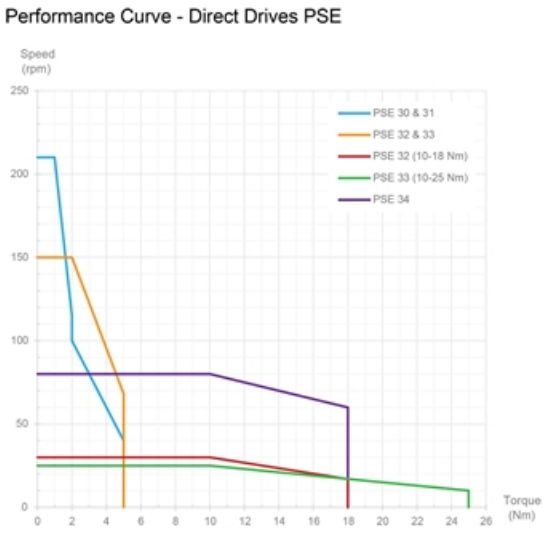
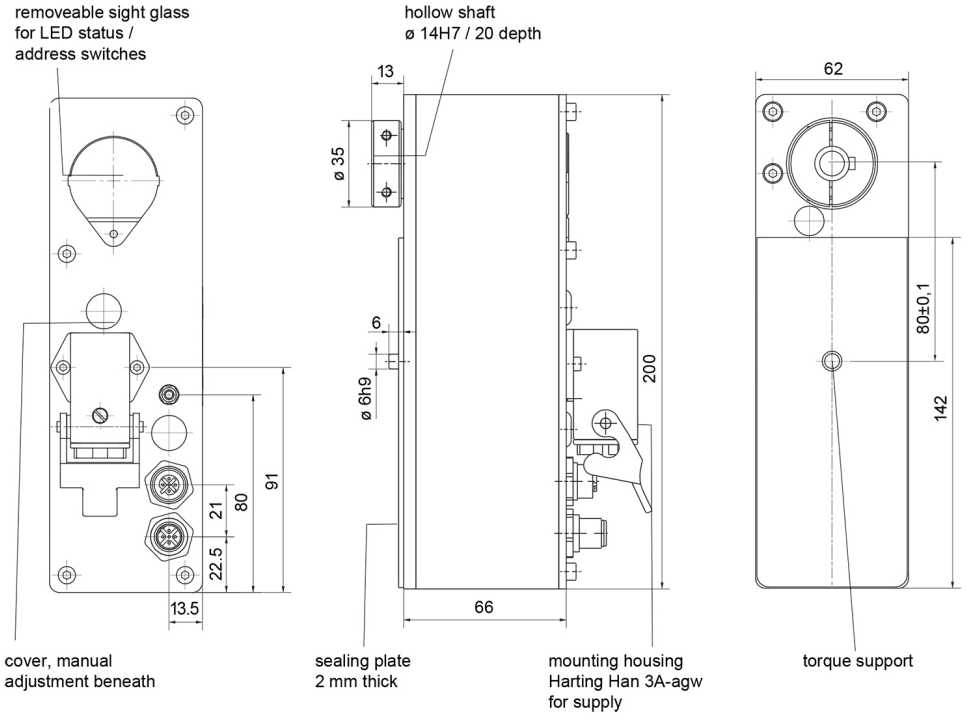


# General Data




| Designation | Nominal Torque (Nm) | Nominal Speed (rpm) | Nominal Current (A) | Self-holding Torque (Nm) | Positioning Range (rot.) |
|---|---|---|---|---|---|
| **PSE 3410-14** | 10 | 80 | 7.8 | 5 | 250 |
| **PSE 3418-14** | 18 | 60 | 7.8 | 9 | 250 |