# PSE 33 - Shaft 14 mm hollow

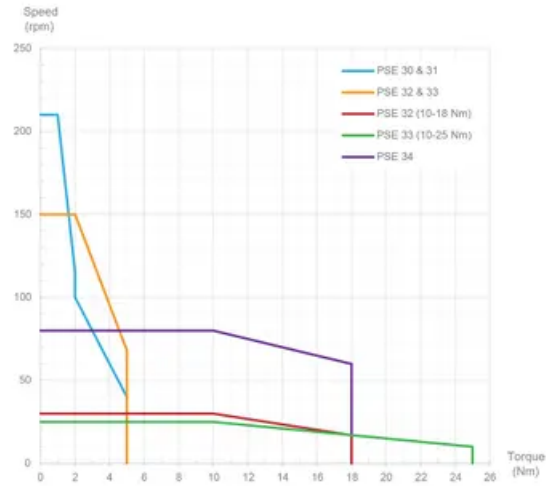
• Absolute measuring system
• Position control for direct connection to a control module
• Space-saving, compact design
• Galvanically separated supply voltages between control and motor and bus
• Durable EC-motor
• Extremely accurate positioning due to measurement of the position at the output side
• 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:** Vertical
**Nominal Voltage (V DC):** 24 (± 10 %)
**Nominal Current (A):** 3.1
**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:** IP54; 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:** 25% (basis time 300 s)
**Manual Adjustment:** Standard
**Brake:** Optional (holding brake)

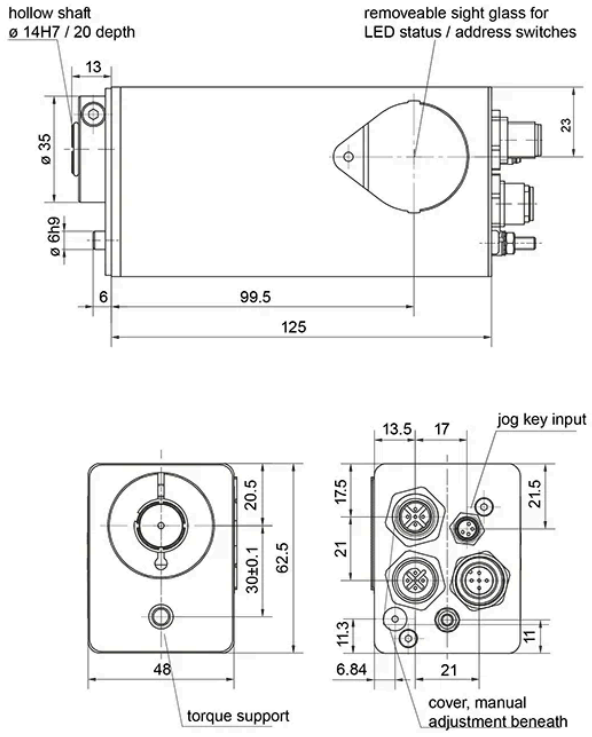

Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.

Performance Curve - Direct Drives PSE

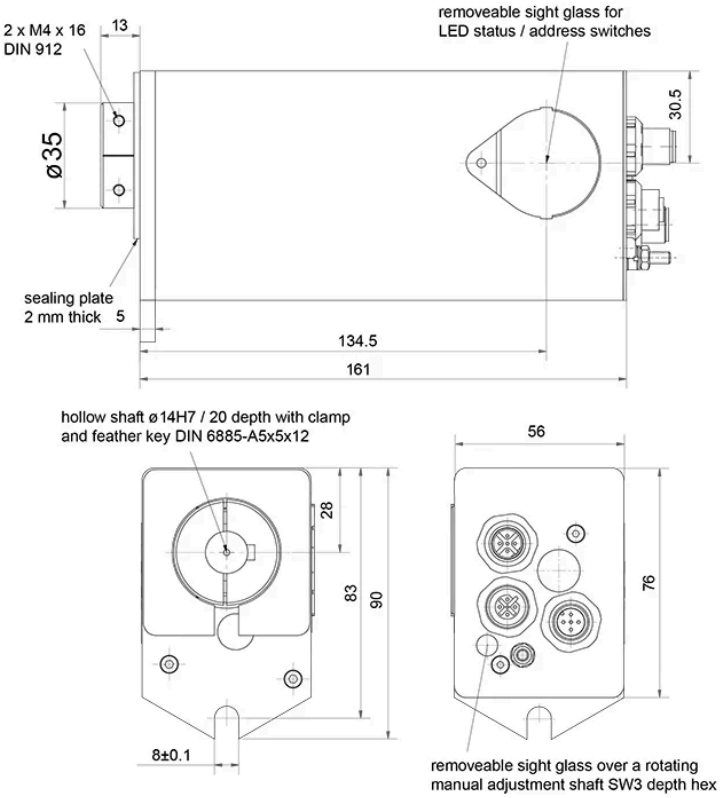



## General Data

### PSE 332 / 335-14




### PSE 3310 / 3325-14




| Designation | Nominal Torque (Nm) | Nominal Speed (rpm) | Nominal Current (A) | Self-holding Torque (Nm) | Positioning Range (rot.) |
|---|---|---|---|---|---|
| **PSE 332-14** | 2 | 150 | 3.1 | 1 | 250 |
| **PSE 335-14** | 5 | 68 | 3.1 | 2.5 | 250 |
| **PSE 3310-14** | 10 | 25 | 3.1 | 5 | 250 |
| **PSE 3325-14** | 25 | 10 | 3.1 | 12.5 | 250 |


Every care has been taken to ensure the accuracy of the information in this document, but we take no liability for any errors or omissions. We reserve the right to make changes without prior notice.