

## 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

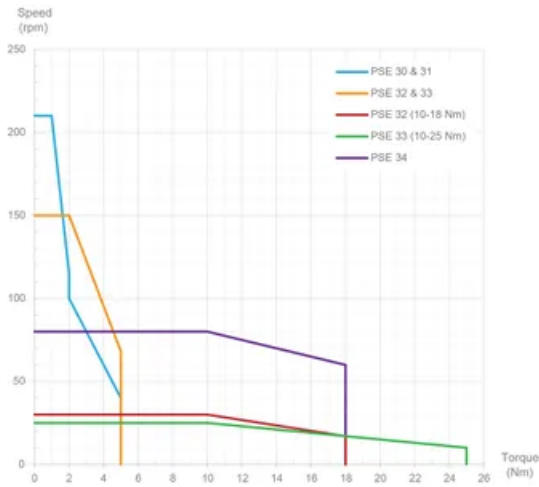
**Accuracy:** ± 0.9°

**Intermittence:** 25% (basis time 300 s)

**Manual Adjustment:** Standard

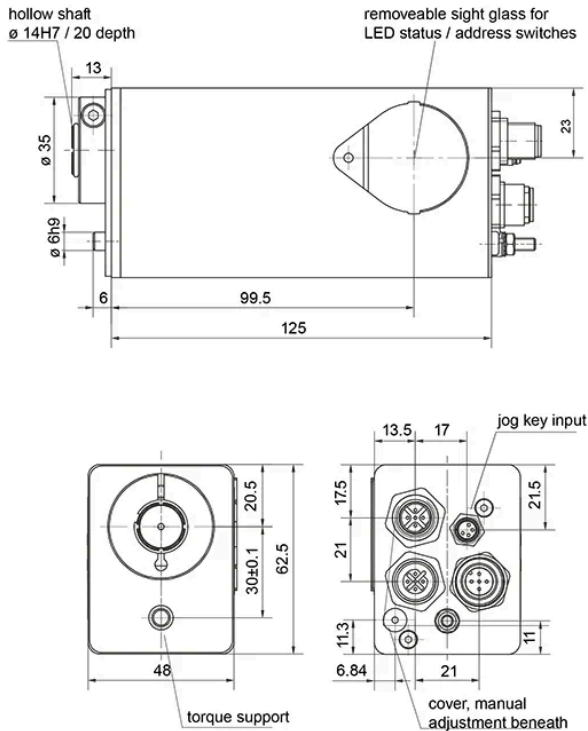
**Brake:** Optional (holding brake)

Performance Curve - Direct Drives PSE

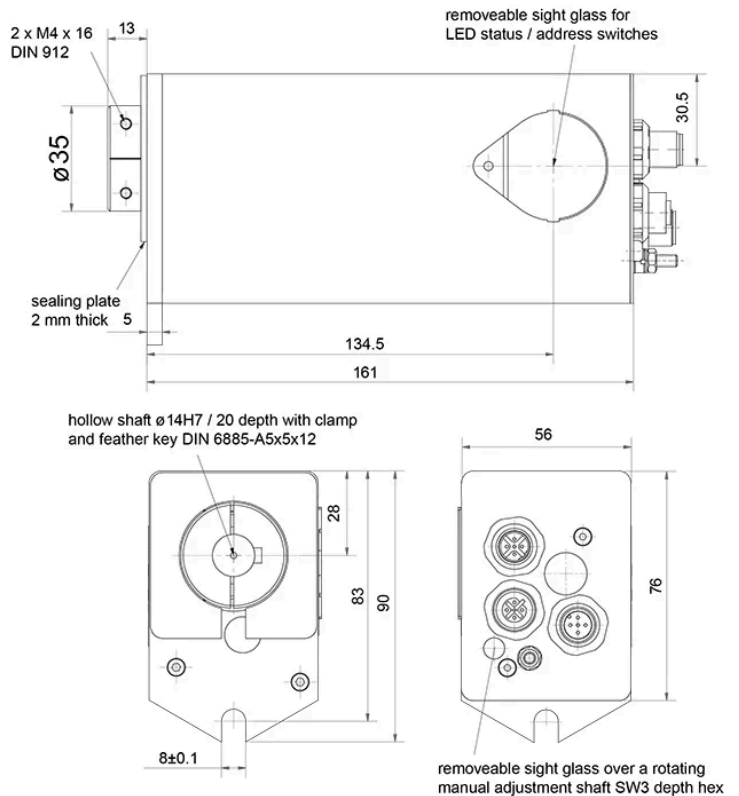


**General Data**

**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.)
<b>PSE 332-14</b>	2	150	3.1	1	250
<b>PSE 335-14</b>	5	68	3.1	2.5	250
<b>PSE 3310-14</b>	10	25	3.1	5	250
<b>PSE 3325-14</b>	25	10	3.1	12.5	250