PSE 34 - Shaft 14 mm hollow

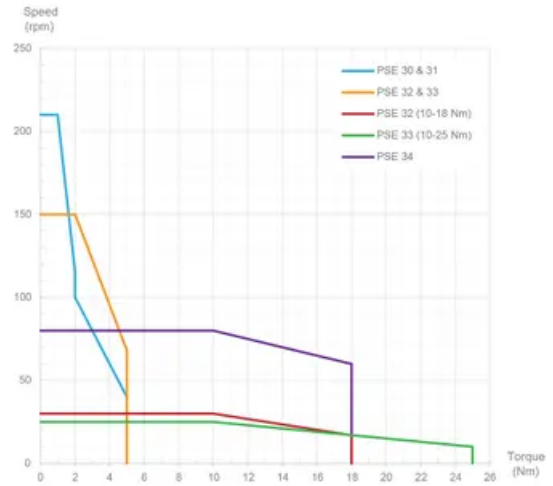
• Positioning system with 100 W power output
• For vertical applications with integrated brake (optional)
• Absolute measuring system
• Position control for direct connection to a control module
• Space-saving, compact design
• Galvanically separated supply voltages between control and motor and bus
• 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.

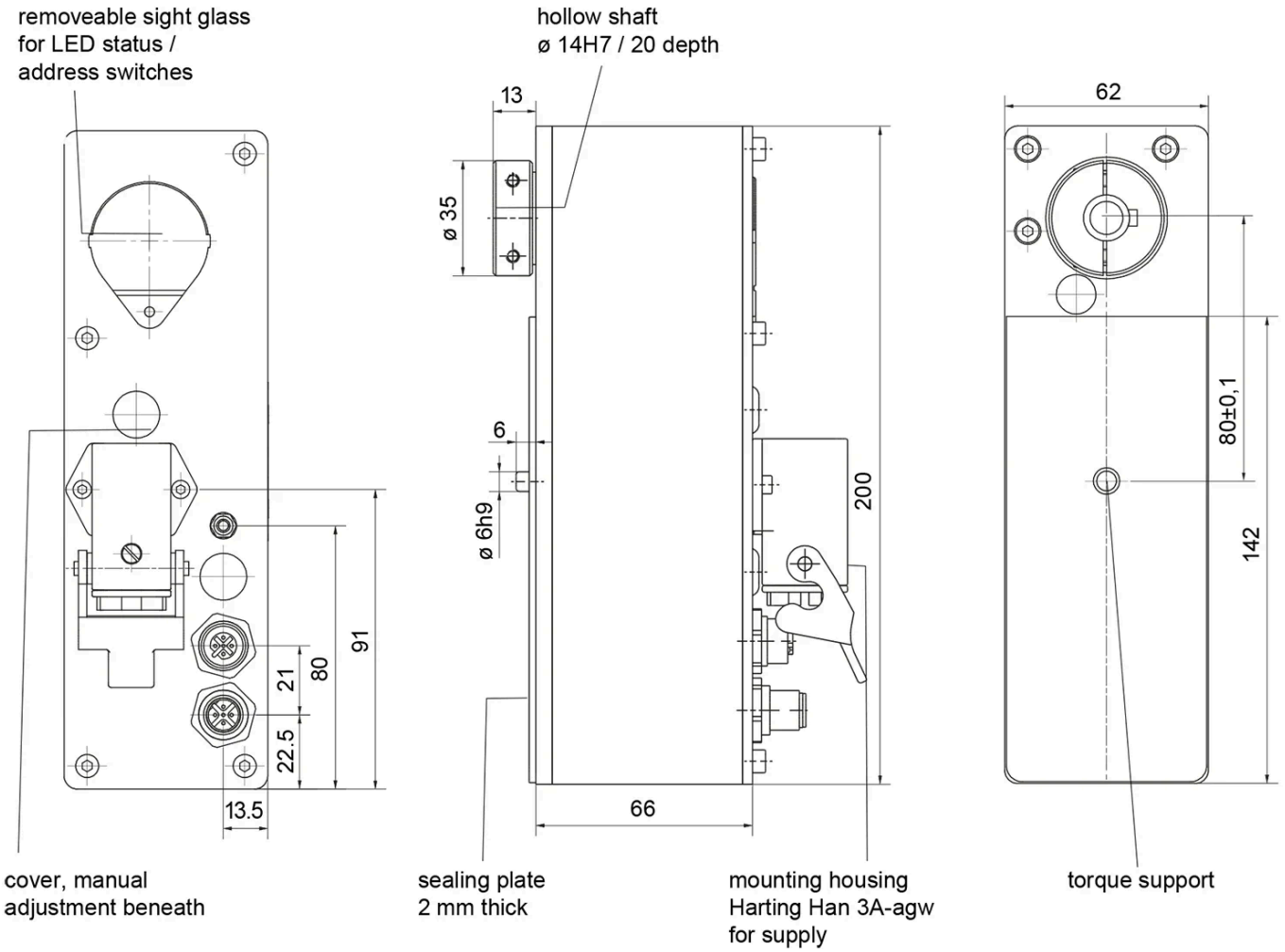
Type: Horizontal
Nominal Voltage (V DC): 24 (± 10 %)
Nominal Current (A): 7.8
Output Shaft (mm): 14
Output Shaft Type: Hollow
BUS Communication: Can Open (CA); Profi Bus (DP); Device Net (DN); Modbus (MB); IO-Link (IO); ProfiNet (PN); Sercos (SE); EtherCat (EC); Ethernet IP (EI); PowerLink (PL)
Electrical 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)

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



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

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

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