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.

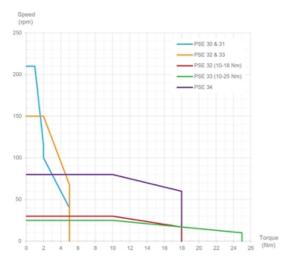
Type: Horizontal Nominal Torque (Nm): 10; 18 Nominal Speed (rpm): 60; 80 Nominal Voltage (V DC): 24 (± 10 %) Nominal Current (A): 7.8 Output Shaft (mm): 14 Output Shaft Type: Hollow BUS Communication: Can Open (CA); Profi Bus (DP); Device Net (DN); Modbus (MB); IO-Link (IO); ProfiNet (PN); Sercos (SE); 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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PSE 34 - Shaft 14 mm hollow

Performance Curve - Direct Drives PSE

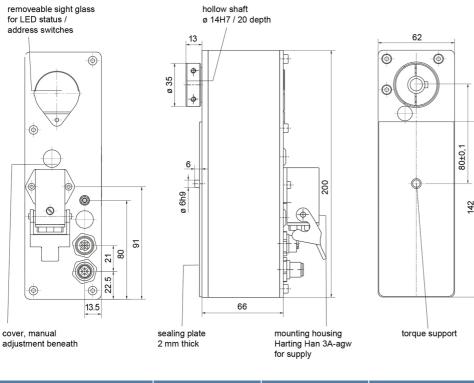


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General Data



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

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