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

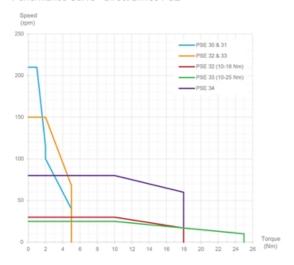
Accuracy: ± 0.9°

Intermittence: 20% (basis time 300 s)
Manual Adjustment: Standard
Brake: Optional (friction brake)

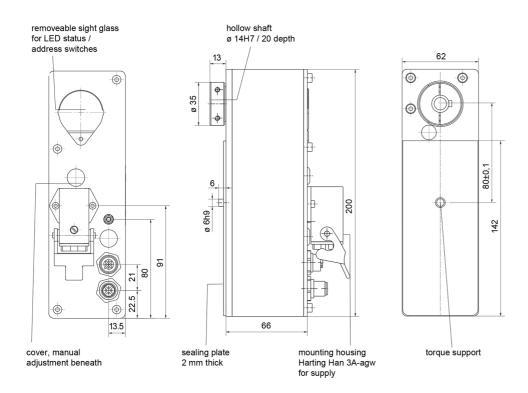


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Performance Curve - Direct Drives PSE



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
PSE 3418-14	18	60	7.8	9	250