PSD 40 - Shaft 14 mm hollow

· Software features: spindle compensation drive, increased breakaway performance, synchronized run

· Software modules for IO-Link: changeover of parameter set, target speed in process data and modulo function

- · Protection of internal electronics against manual operation
- · Space-saving, compact design
- · Optional rotatable actuator housing
- · Galvanically separated supply voltages between control and motor and bus
- · Precise position feedback thanks to an absolute
- measurement system without battery
- · Optional gearbox for more torque

· Address may be set using the bus or an address switch (not for IO-Link)

· Status LEDs visible from the outside

Self-holding torque below at approx. 60 mA supply current and 0.5 A phase current, currentless 0 Nm.

Dimensions in mm.

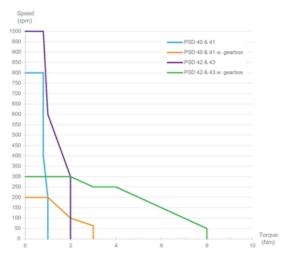
See link Manual(s) for documentation and software.

Type: Horizontal Nominal Torque (Nm): 0.8; 3 Nominal Speed (rpm): 50; 200 Nominal Voltage (V DC): 24 (± 10 %) Nominal Current (A): 2.0 Output Shaft (mm): 14 Output Shaft Type: Hollow Rotation Shaft / Housing: Direct or 0°; 90°; 180°; 270° BUS Communication: Can Open (CA); IO-Link (IO); ProfiNet (PN); EtherCat (EC); Ethernet IP (EI) Electrical connection: 0: Standard Protection Class: IP50; IP65 Motor: Stepper motor Supply Voltage: 24 V DC ± 10 % galvanically separated between motor and control Measurement System: Absolute without battery Accuracy: "±0.7° for versions with gearbox; ± 1.8° for versions without gearbox" Intermittence: Start-up duration up to 50% Manual Adjustment: No Brake: No



PSD 40 - Shaft 14 mm hollow

Performance Curve - Direct Drives PSD



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General Data

Designation	Nominal Torque (Nm)	Nominal Speed (rpm)	Nominal Current (A)	Self-holding Torque (Nm)	Max. Speed (rpm)
PSD 403-14H	3	50	2.0	1.5	200
PSD 401-14H	0.8	200	2.0	0.4	500

Designation	Positioning Range (rot.)		
PSD 403-14H	986		
PSD 401-14H	4026		

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