PSD 43 - Shaft 8 mm solid

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

Software modules for IO-Link: changeover of parameter
set target and module function

- set, target speed in process data and modulo functionProtection of internal electronics against manual operation
- · Space-saving, compact design
- 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. 100 mA supply current and 1,2 A phase current, currentless 0 Nm.

Dimensions in mm.

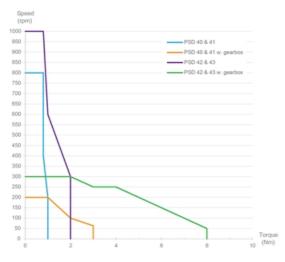
See link Manual(s) for documentation and software.

Type: Vertical Nominal Torque (Nm): 2 Nominal Speed (rpm): 200 Nominal Voltage (V DC): 24 (± 10 %) Nominal Current (A): 4.0 Output Shaft (mm): 8 Output Shaft Type: Solid Rotation Shaft / Housing: Direct or 0° 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 30% Manual Adjustment: No Brake: No



PSD 43 - Shaft 8 mm solid

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 432-8V	2	200	4.0	1	1000
Designation	Positioning Range (rot.)				
PSD 432-8V	4026				

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