## 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.

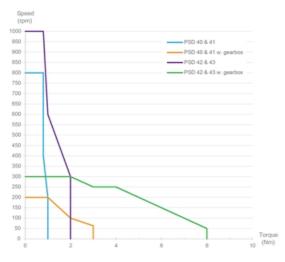
See link Manual(s) for documentation and software.

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



Rollco Norge AS • Industrigata 6 • 3414 Lierstranda • Norge Tel. +47 32 84 00 34 • info@rollco.no • Org.nr 984 962 983 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.

## **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				

Rollco Norge AS • Industrigata 6 • 3414 Lierstranda • Norge Tel. +47 32 84 00 34 • info@rollco.no • Org.nr 984 962 983 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.