PSD 42 - Shaft 8 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
- 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.

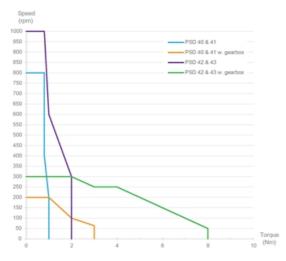
Contact us for CAD-files.

Type: Horizontal 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: 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 30% Manual Adjustment: No Brake: No



PSD 42 - Shaft 8 mm hollow

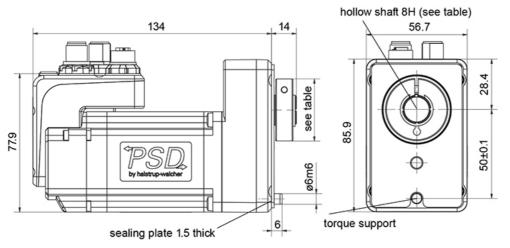
Performance Curve - Direct Drives PSD



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General Data

PSD 426-8H (hollow shaft)



	Hollow shaft	Tolerance	Plug depth	ø Clamp ring	Cylinder screw
[ø8*	H9	20	36	DIN 912 M4 x 16

* only up to 5 Nm possible

Designation	Nominal Torque (Nm)	Nominal Speed (rpm)	Nominal Current (A)	Self-holding Torque (Nm)	Max. Speed (rpm)		
PSD 422-8H	2	200	4.0	1	500		
	Positioning Range (rot.)						
Designation							
PSD 422-8H	4026						