## PSW 32 - Shaft 14 mm hollow

- Positioning system with IP 68
- · Absolute measuring system, without battery

• Galvanically separated supply voltages between control and motor and bus

• Absolute encoder eliminates the need for reference runs during system setup and installation of replacements

• Easy address assignment directly on the device using integrated address switches (not for IO-Link)

Manual disconnecting lever permits manual disconnection of the gearbox

• Regulation of the current torque prevents overloading and unnecessary run aborts

• Strong breakaway torque enables safe start-up even after an extended standstill

• Intelligent running behaviour. Recognises the difference between obstacles and dirt

• Spindle offset run: Excludes inconsistencies due to lash in the spindle

• Condition monitoring of supply voltage, drag error (permits optimum adjustment of current position), power consumption and torque

· Partial safety function for STO (Safe Torque Off)

Dimensions in mm.

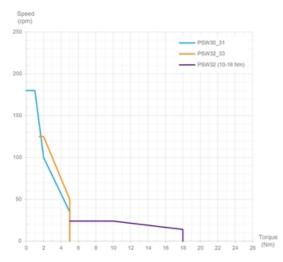
Type: Horizontal Nominal Torque (Nm): 2; 5; 10; 18 Nominal Speed (rpm): 14; 24; 50; 125 Nominal Voltage (V DC): 24 (± 10 %) Nominal Current (A): 2.2 - 3.1 Output Shaft (mm): 14 Output Shaft Type: Hollow BUS Communication: Can Open (CA); Profi Bus (DP); Device Net (DN); Modbus (MB); IO-Link (IO); ProfiNet (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: IP68 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 600 s) Manual Adjustment: Standard Brake: Optional (holding brake) Material: All components in stainless steel. (Except for feather key, if available.)



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## PSW 32 - Shaft 14 mm hollow

Performance Curve - Direct Drives PSW



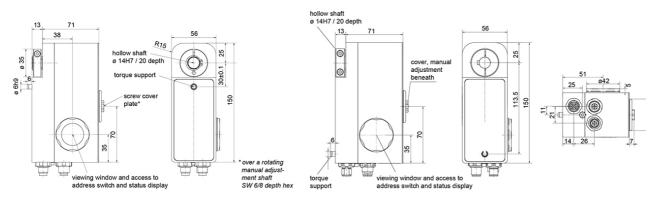
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## **General Data**

## PSW 322 / 325-14

PSW 3210 / 3218-14



Designation	Nominal Torque (Nm)	Nominal Speed (rpm)	Nominal Current (A)	Self-holding Torque (Nm)	Positioning Range (rot.)
PSW 322-14H	2	125	3.1	1	250
PSW 325-14H	5	50	3.1	2.5	250
PSW 3210-14	10	24	2.2	5	250
PSW 3218-14	18	14	2.2	9	250

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