PSW 32 - Shaft 14 mm hollow



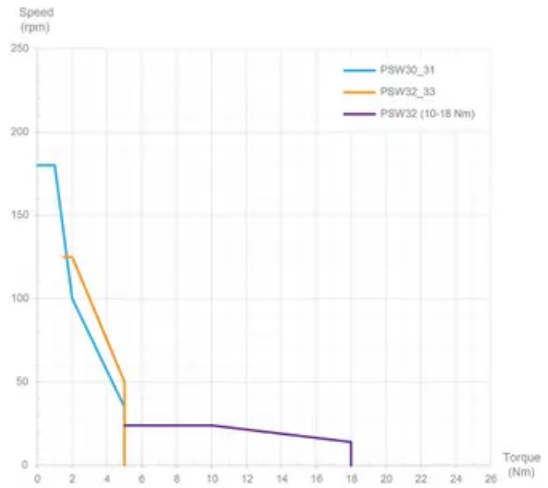
• Positioning system with IP 68
• Absolute measuring system, without battery
• Galvanically separated supply voltages between control and motor and bus
• Absolute encoder eliminates the need for reference runs during system setup and installation of replacements
• Easy address assignment directly on 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 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.)

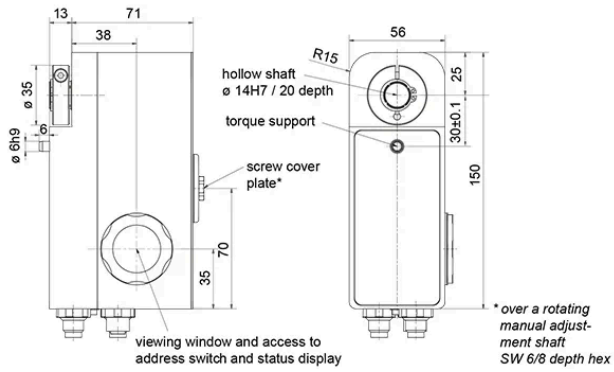
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Performance Curve - Direct Drives PSW

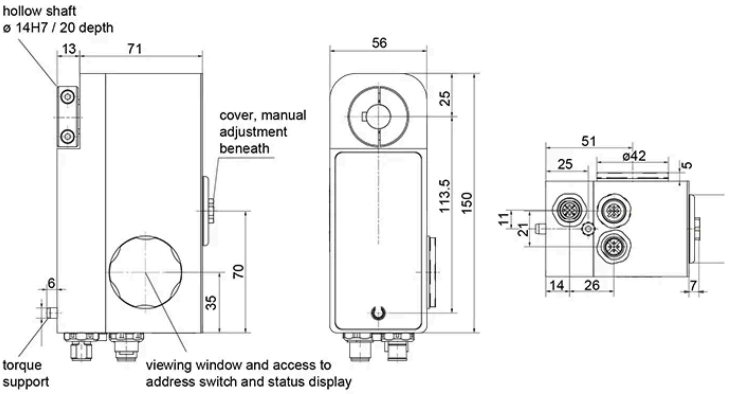


General Data

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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