



200

150

50

PSE 315-8

10 Nm

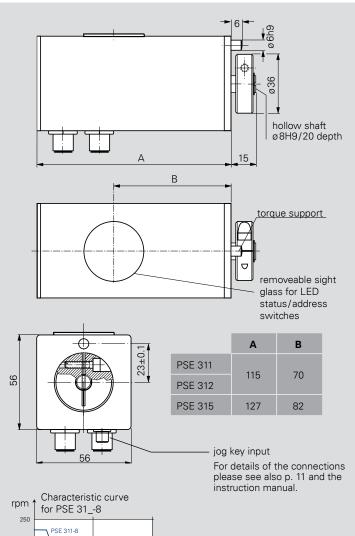
Product	Nominal torque	Self-holding torque	Nominal rated speed
PSE 311-8	1 Nm	0.5 Nm	210 rpm
PSE 312-8	2 Nm	1 Nm	115 rpm
PSE 315-8	5 Nm	2.5 Nm	40 rpm

Data interfaces

CANopen, PROFIBUS DP, DeviceNet, Modbus RTU, Sercos, EtherCAT, PROFINET, EtherNet/IP, POWERLINK, IO-Link

Start-up duration	30 % (basis time 300 s)	
Mode of operation	S3	
Supply voltage	$24VDC\pm10\%$ galvanically separated between control and motor and bus	
Nominal current	2.2 A	
Power consumption (control unit)	0.1 A	
Positioning accuracy absolute measurement of position taken directly at the output shaft	0.9°	
Positioning range	250 rotations not subject to mechanical limits	
Shock resistance in accordance with IEC/DIN EN 60068-2-27	50 g 11 ms	
Vibration resistance in accordance with IEC/DIN EN 60068-2-6	1055 Hz 1.5 mm/ 551 000 Hz 10 g/ 102 000 Hz 5 g	
Output shaft	8 mm hollow shaft with adjustable collar	
Maximum axial force	20 N	
Maximum radial force	40 N	
Ambient temperature	045°C	
Storage temperature	-1070°C	
Protection class	IP54	
Weight	700 g	
Certificates	CE	

The order key and accessories can be found on p. 20/21.

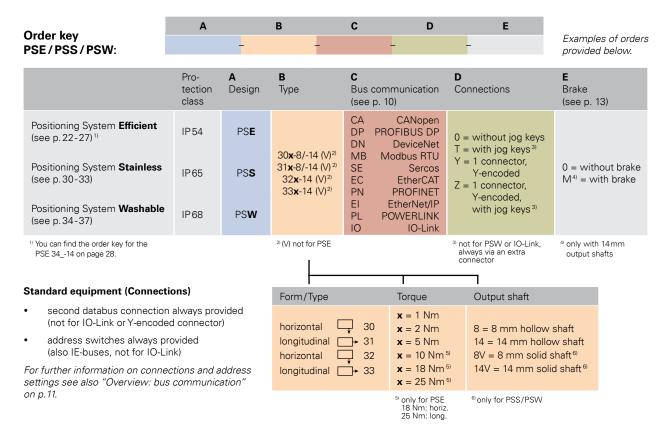


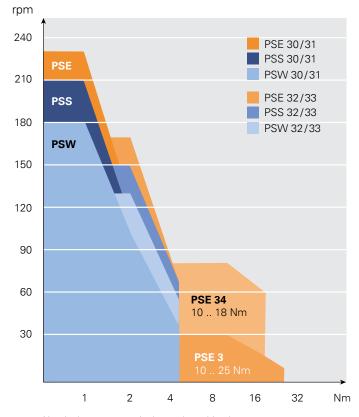
Data sheet PSE 31_-8 - Date: 07/2016 - Subject to technical changes without notice

ORDER KEY PSE/PSS/PSW 3 SERIES

All the positioning systems in the PSE/PSS/PSW 3 series share the same order key.

To provide the best possible overview and to simplify customer documentation, the diverse range of options available for the PSE/PSS/PSW 3 series has been organised in a shared order key.





Nominal torque - nominal speed combinations

TORQUES AND SPEEDS

Example 1

You require the protection class IP54 and a maximum torque of 2 Nm. The speed (rpm) should be greater than 100 rpm. An 8 mm hollow shaft and longitudinal construction meet the requirements of your application. Your wish to use EtherNet/IP as the bus and connect the PSE to the control unit using a hybrid connector and hub. You do not require an additional holding brake in your application.

→ PSE 312-8-EI-Y-0

Example 2

IP68, max. 3 Nm, > 100 rpm, horizontal construction, 14 mm solid circular shaft, IO-Link via a connector, with brake.

→ PSW 325-14-IO-0-M