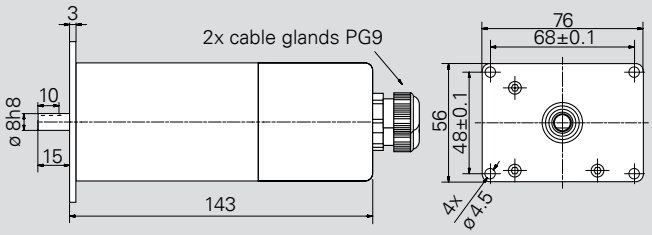
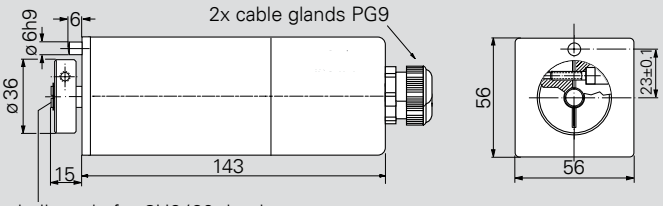
PSE 21_/23_-8

PSE 21_/23_-8 with solid shaft



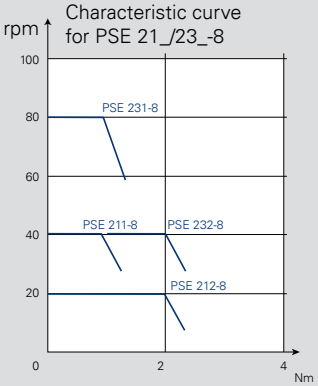
PSE 21_/23_-8 with hollow shaft

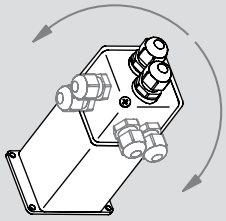


hollow shaft ø8H9/20 depth

For details of the connections please see also p. 47 and the instruction manual.

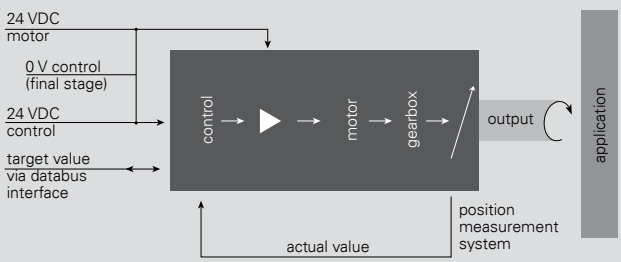
Characteristic curve for PSE 21_/23_-8





The cable gland can be moved into different positions by turning the cover by 90°.

Functional block diagram PSE 21_/23_-8



Start-up duration	50 % (basis time 300 s)
Supply voltage	24 V DC ± 10 %
Nominal current	0.7 A
Power consumption (motor control unit)	0.1 A
Positioning accuracy measurement of position taken directly at the output shaft	0.9°
Positioning range quasi absolute measurement system: absolute measurement system:	 unlimited 64 rotations
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	10 .. 55 Hz 1.5 mm / 55 .. 1 000 Hz 10 g / 10 .. 2 000 Hz 5 g
Output shaft	8 mm solid shaft or 8 mm hollow shaft with adjustable collar
Maximum axial force	20 N
Maximum radial force	40 N
Connections	electrical connections via terminal bar (max. 1.5 mm²)
Ambient temperature	0 .. 45 °C
Storage temperature	-10 .. 70 °C
Protection class	IP 54
Weight	500 g
Certificates	CE

Nominal torque	Nominal rated speed	A
1 Nm	40 rpm	211-8
2 Nm	20 rpm	212-8
1 Nm	80 rpm	231-8
2 Nm	40 rpm	232-8

Data interfaces	B
CANopen	CA
DeviceNet	DN
Modbus RTU	MB

Address switches / baud rate switches	C
without address / baud rate switches [1]	O
with address / baud rate switches adjustable baud rate, 500 kBaud, 250 kBaud, 125 kBaud	A

[1] only for CANopen / DeviceNET

Output shaft	D
8 mm solid shaft	W
8 mm hollow shaft with adjustable collar	H

Measurement system	E
quasi absolute measurement system	0
absolute measurement system, 64 rotations	1

Order code	A	B	C	D	E
PSE	–	–	–	–	–