

Start-up duration	20 % (basis time 300 s)
Mode of operation	S3
Supply voltage	24 VDC ± 10 % galvanically separated between control and motor and bus
Nominal current	7.8 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	10..55Hz 1.5 mm/ 55..1 000 Hz 10g/ 10..2 000 Hz 5g
Output shaft	14 mm hollow shaft with clamp and feather key
Maximum axial force	20 N
Maximum radial force	40 N
Ambient temperature	0..45 °C
Storage temperature	-10..70 °C
Protection class	IP54
Weight	1900 g
Certificates	CE, optional: NRTL (UL, CSA, ANSI)

Nominal torque	Self-holding torque	Nominal rated speed	A
10 Nm	5 Nm	80 rpm	3410-14
18 Nm	9 Nm	60 rpm	3418-14

Data interfaces	B
CANopen	CA
PROFIBUS DP	DP
Sercos	SE
EtherCAT	EC
PROFINET	PN
EtherNet/IP	EI
POWERLINK	PL
IO-Link	IO

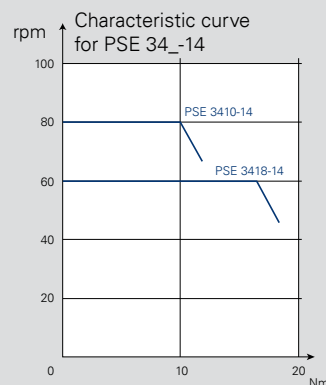
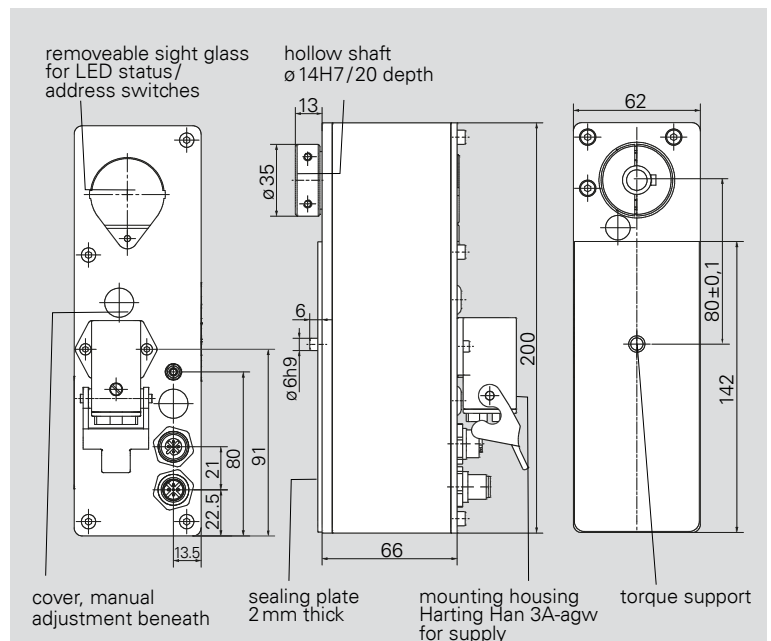
Connections ¹⁾	C
without jog keys	0
with jog keys ¹⁾	T

¹⁾ not for CANopen

Brake	D
no brake	0
with brake (holding torque = nominal torque)	M

Certification	E
CE	0
NRTL certification (in accordance with UL, CSA, ANSI and CE)	M

Order code	A	B	C	D	E
PSE	-	-	-	-	-



All dimensions in mm.
For details of the connections please see also p. 47 and the instruction manual.