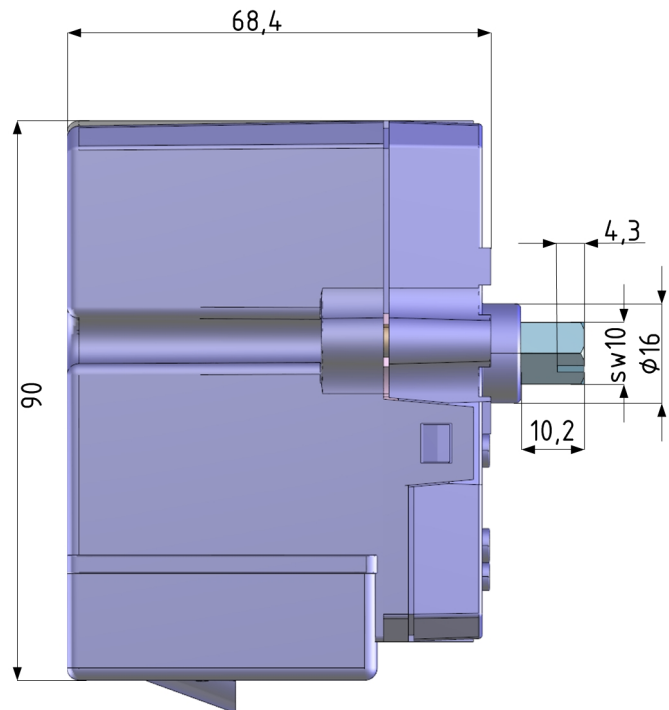
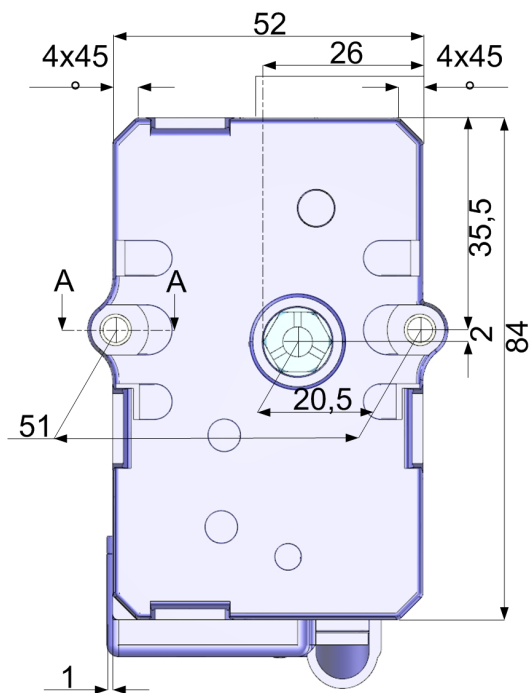
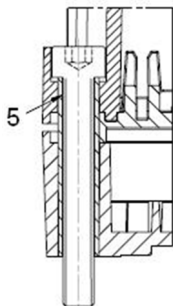


Technical Data Servo motor 0,8 Nm



A-A 2:1



- 1 15.4 (+0.3/-1) including axial play
- 2 Cap cannot be removed by hand
- 3 Flexible control cable (black), length 1.5 m | 59.06" in
- 4 Plug connector (RAST 2.5) pole number 6
- 5 Brass tube and M4 x 30 DIN 912 cylinder bolt, tightening torque max. 1.5 Nm

Technical Data Servo motor 0,8 Nm

Function	
Power supply	24 VDC $\pm$ 20 %
Floating time	5 s / 90° at 180 Hz
Direction of rotation 0° to 90°	right
Torque	0.8 Nm (both directions)
Holding torque	0.4 Nm (no power) 0.7 Nm
Permissible radial load	30 Nm (centre of output shaft)
Permissible axial load	5 N
Axial play of drive shaft	0.1 ... 0.2 mm
Cable length	securely connected 0,6 m 23.62" in pluggable max. 10 m ¹ 32.81 ft

1 valid for BT300 SN1801... and higher

Environmental conditions		
Operation	Climatic condition	Class 3K3 according to DIN EN 60721-3
	Mechanical condition	Class 3M3 according to DIN EN 60721-3
	Temperature range	-20 ... +60 °C -4 ... -140 °F (condensation is prohibited)
Transport	Climatic condition	Class 2K3 according to DIN EN 60721-3
	Mechanical condition	Class 2M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C -4 ... +158 °F (condensation is prohibited)
Storage	Climatic condition	Class 1K3 according to DIN EN 60721-3
	Mechanical condition	Class 1M2 according to DIN EN 60721-3
	Temperature range	-20 ... +70 °C -4 ... +158 °F (condensation is prohibited)
Bursting strength	Peak voltage	4 kV
	Repeat frequency	2,5 kHz
Electrical safety	Protection class 2 as per DIN EN 60730	



DANGER!

Danger by electrical shock!

Shut down before opening the cover, otherwise it is possible to get in contact with conducting parts. This may cause an electrical shock. Only open when it is disconnected it all-pole.

- Disconnect BurnerTronic all-pole.

NOTICE

Damaging the 0,8 Nm servo motor by opening the actuator.

Do not open the servo motor at another part as the cover of the electric connection, otherwise the servo motor will be damaged.

The warranty expires and is invalid.

- Do not open the servo motor but at the cover of the electric connection.

NOTICE

The limits of the technical data must be strictly adhered to.

Order Information

Description / Type	Order-no.
Servo motor 0,8 Nm, degree of protection IP40, ambient temperature -20 °C ... +60 °C -4 °F ... +140 °F, condensation prohibited, angel of rotation 90°, resolution 0,1°/ step, plastic transmission, rotation clockwise without connecting cable (must be ordered separately)	662R5500-0
Connecting cable for servo motor 662R5500-0, available in the following length: 60 cm 23.62" in, 100 cm 39.37" in, 150 cm 59.06" in, 200 cm 78.74" in, 300 cm 118.11" in (please indicate the length with the order)	662R5590

Approvals



The information in this publication is subject to technical changes.



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