



GEIGER PRO.TECl ine

Product Datasheet



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PRO.TECl ine Spindle WITH MECHANICAL END STOP

Tubular motor PRO.TECl ine Spindle

The drive is characterized by its reliable and proven components and the safe and quick assembly.

Assembly

Our proven SOC clip bearings, our roller bearings as well as the 12 mm square bearings are available. Due to the star-shaped design of the motor head, already existing bearings can also be used.

All common adapters and driver sets of the SOLIDline series can be used.

Setting the end positions

You do not need a setting cable to set the end positions. The adjustment is made by turning the two independent adjusting screws for the upper and lower end position.

As a tool you need a 4mm hexagon key or you use the supplied adjustment aid.



DESIGNED BY GEIGER

GEIGER relies on Germany as business location: The GEIGER PRO.TEcline was developed in Germany. An optimum interplay of research & development and production processes with advanced quality management are the keystones of our success. PRO.TEcline is 100% tested in Germany.

Customers' benefits:

- Smooth and quiet running of our drives
- Low energy consumption in an age of high energy prices
- Low warming and therefore exceptional long running time of the motor

Technical data

Technical data of tubular motor PRO.TEcline Spindle (GB45S-../..)					
	GB45S-10/15	GB45S-20/15	GB45S-30/15	GB45S-40/15	GB45S-50/12
Voltage	230V~/50 Hz				
Current	0,47 A	0,63 A	0,80 A	1,00 A	1,00 A
Cos Phi ($\cos\varphi$)	>0,95				
Inrush current (factor)	x 1,2				
Power	105 W	140 W	180 W	220 W	220 W
Torque	10 Nm	20 Nm	30 Nm	40 Nm	50 Nm
Speed of rotation	15 rpm	15 rpm	15 rpm	15 rpm	12 rpm
Protection type	IP 44				
Total length [l]	438 mm	458 mm	488 mm	518 mm	518 mm
Operating type	S2 4 min				
Sound pressure level ¹⁾	39 dB(A)				
Diameter	45 mm				
Limit switch range	22 rotations				
Weight	ca. 1,90 kg	ca. 2,00 kg	ca. 2,20 kg	ca. 2,40 kg	ca. 2,40 kg
Storage temperature/ Humidity	T = -15°C .. +70°C / dry and non-condensing place				

¹⁾ The average sound pressure level data are intended for guidance only. The values were determined by GEIGER at a distance of 1 m, with a hanging motor at idle speed and averaged over 10 seconds. There is no reference to any specific test standard.

Subject to technical modifications. Please find information to the ambient temperature range of our GEIGER motors under www.geiger.de

Drawing

