

Permanent Magnet Hysteresis Brake PMK 0.05



Field of application

- Textile industry thread brake
- Special application

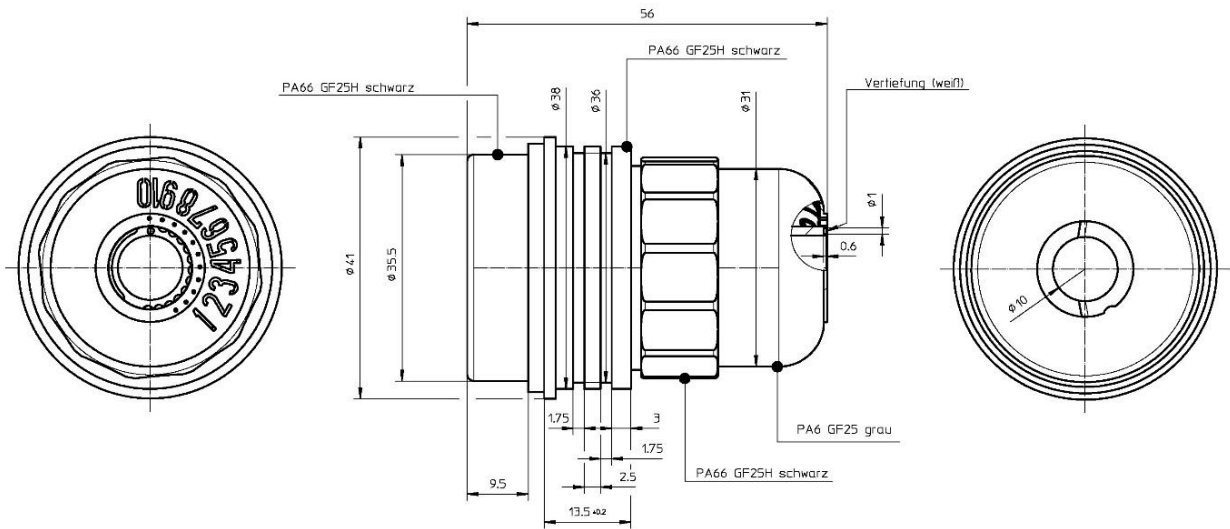
Advantages and properties

- Brake adjustable in **ten levels** without tools
- Complete wear and maintenance free
- No operating current necessary
- Adjustable and fixed versions available
- Reproduceable setting of values possible
- High running smoothness at low speed
- Hardwearing and durable
- Cost effective and compact design
- Low cost injection moulding housing
- Special solutions on request

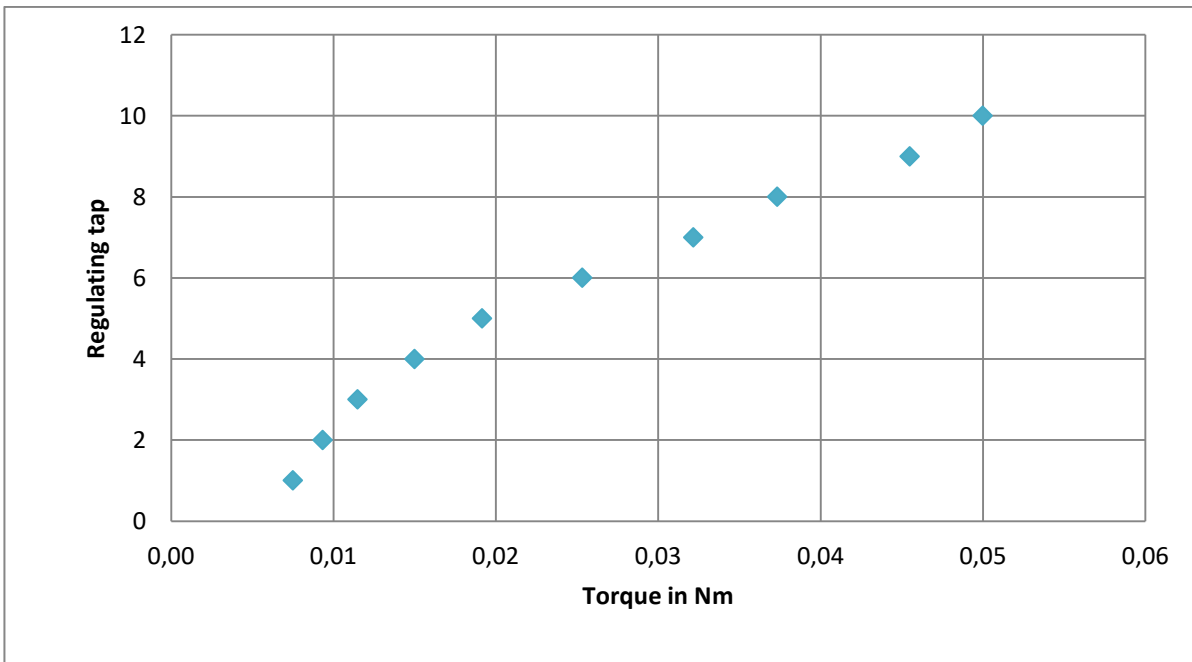
Key features	Data	Standard
Assembly length	56 mm	<ul style="list-style-type: none"> • Adjustable • Adjusting cap light grey, body in black • Fastening via clamp
Inner diameter	10 mm	
Bushing diameter	38 mm	
Number of catches	10	
Material plastic grey	PA6 GF 25	
Material plastic black	PA66 GF25H	

Key features	Data	Options
Min. torque	0.008 Nm	<ul style="list-style-type: none"> • Fixed power • Special plastic materials • Bushing for belt pulley • Bushing for gearwheel • More options
Max. torque	0.05 Nm	
Max. speed	4000 min ⁻¹	
Weight	0.08 kg	
Max. ambient temperature	-30 bis 40°C	
Max. permitted power loss	10 W	
Tolerance	+/- 10 %	

Drawing



Torque characteristics



Drawings and data are for customer information only. For specific indications a separate quote is to be required.
 Kern Antriebstechnik GmbH is not responsible for possible errors in the data sheets.
 Subject to technical modifications.