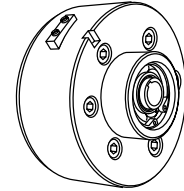
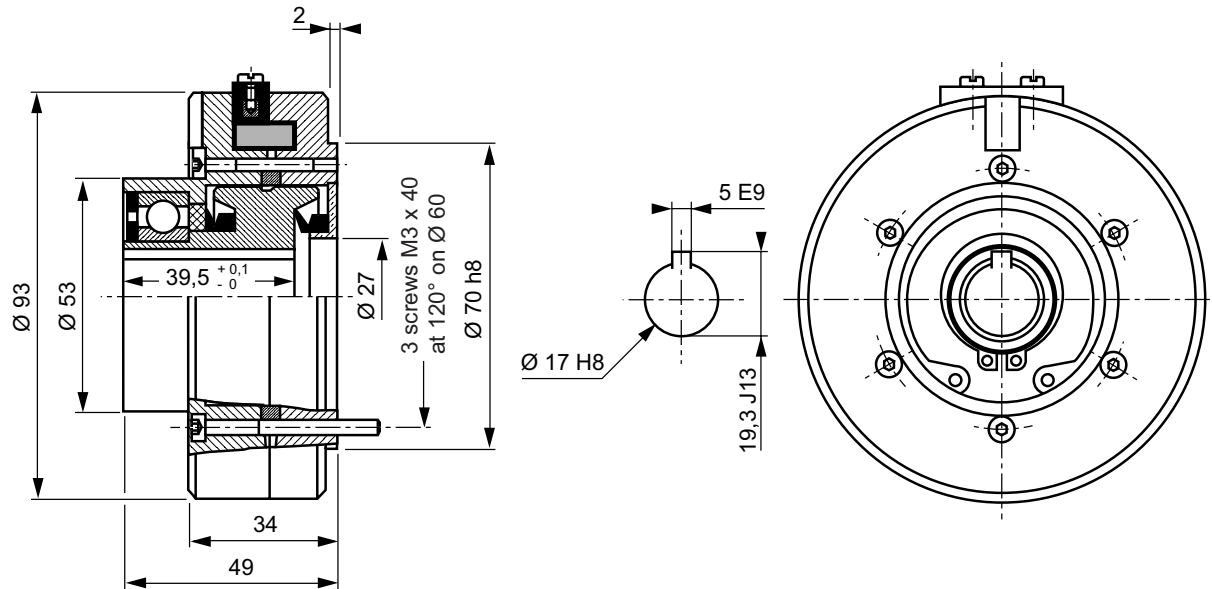


### Specifications

Nominal torque	5	N.m	<b>ft.lbf</b>	<b>4</b>
Minimal torque	0,1	N.m	<b>ft.lbf</b>	<b>0.07</b>
Coil resistance - 20°C			<b>Ohm</b>	<b>24</b>
Rated current DC			<b>A</b>	<b>0.50</b>
Rotor inertia	99.10 <sup>-6</sup>	kg.m <sup>2</sup>	<b>lb.ft<sup>2</sup></b>	<b>23 10<sup>-4</sup></b>
Weight	1.7	kg	<b>lb</b>	<b>3.75</b>
Heat dissipation continuous sustained			<b>W *</b>	<b>70</b>

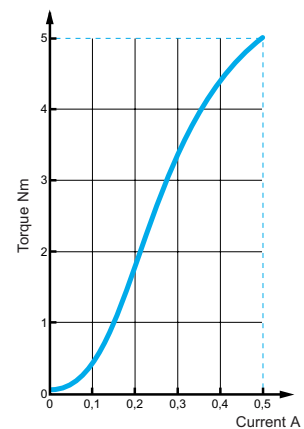


\* Heat dissipation is the mechanical power ( $P = c_w$ ) maximum allowable.



### Utilization

- Mounting must be made without any stress.  
Lubricated for life (other internal lubrication not allowed).  
The shaft should be lubricated upon assembly, to prevent seizing.
- Low DC current power supply for coil.
- The standard device is designed for horizontal shaft orientation, and a minimal speed of 60 RPM. Maximum speed is 3000 RPM. (without exceeding the max. heat dissipation capability)
- For Engineering application, please contact our technical support.
- In normal use, the outside temperature of the device can increase up to 100°C, without damage.



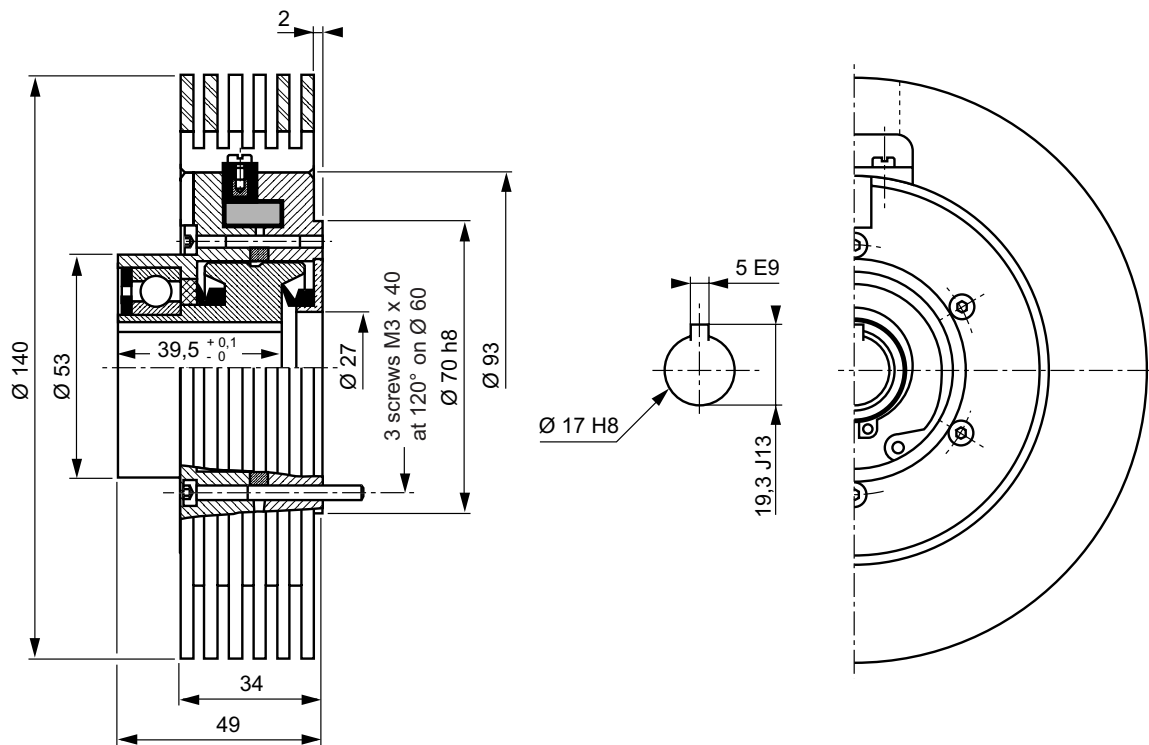
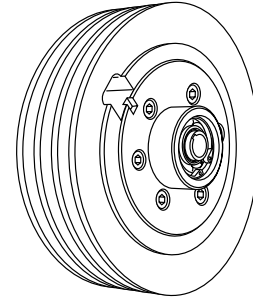
# Brake

## EMAG 4H

### Specifications

Nominal torque	5	N.m	<b>ft.lbf</b>	<b>4</b>
Minimal torque	0,1	N.m	<b>ft.lbf</b>	<b>0.07</b>
Coil resistance - 20°C			<b>Ohm</b>	<b>24</b>
Rated current DC			<b>A</b>	<b>0.50</b>
Rotor inertia	99.10 <sup>-6</sup>	kg.m <sup>2</sup>	<b>lb.ft<sup>2</sup></b>	<b>23 10<sup>-4</sup></b>
Weight	2	kg	<b>lb</b>	<b>4.41</b>
Heat dissipation continuous sustained			<b>W *</b>	<b>100</b>

\* Heat dissipation is the mechanical power ( $P = c\omega$ ) maximum allowable.



### Utilization

- Mounting must be made without any stress.  
Lubricated for life (other internal lubrication not allowed).  
The shaft should be lubricated upon assembly, to prevent seizing.
- Low DC current power supply for coil.
- The standard device is designed for horizontal shaft orientation, and a minimal speed of 60 RPM. Maximum speed is 3000 RPM. (without exceeding the max. heat dissipation capability)
- For Engineering application, please contact our technical support
- In normal use, the outside temperature of the device can increase up to 100°C, without damage.

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