Cleveland Motion Controls
An IMC Company

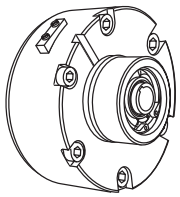
Brake

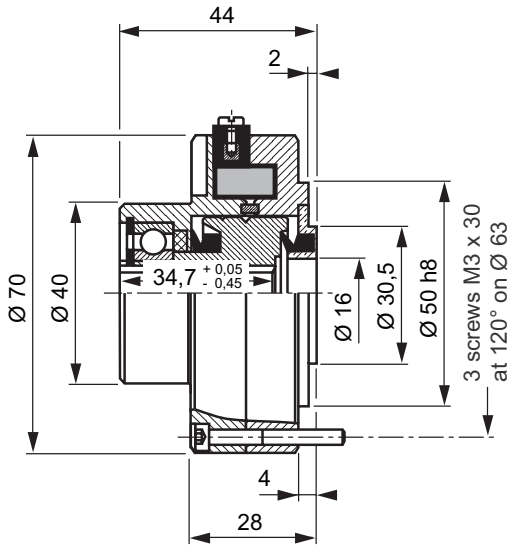
EMAG 1

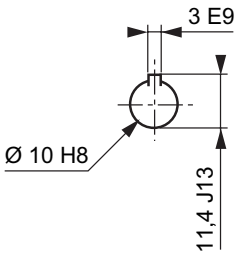
Specifications

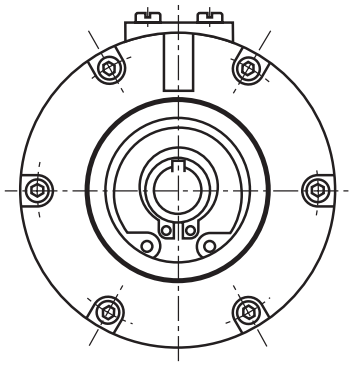
Nominal torque	2	N.m	***ft.lbf***	***1.5***
Minimal torque	0,04	N.m	***ft.lbf***	***0.03***
Coil resistance - 20°C			***Ohm***	***24***
Rated current DC			***A***	***0.40***
Rotor inertia	16.10^{-6}	$kg.m^2$	***lb.ft²***	***3.85 10^{-4}***
Weight	0,80	kg	***lb***	***1.76***
Heat dissipation continuous sustained			**W ***	***40***

*Heat dissipation is the mechanichal power (P = cw) maximum allowable.



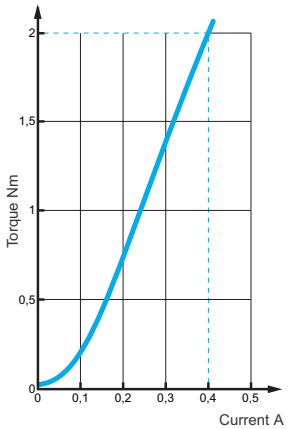






Utilization

- 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.
  (See EMAG PB2 Electronic data sheets).
- 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.



Cleveland Motion Controls
An IMC Company

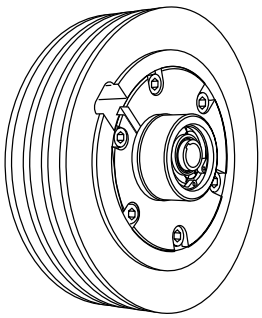
Brake

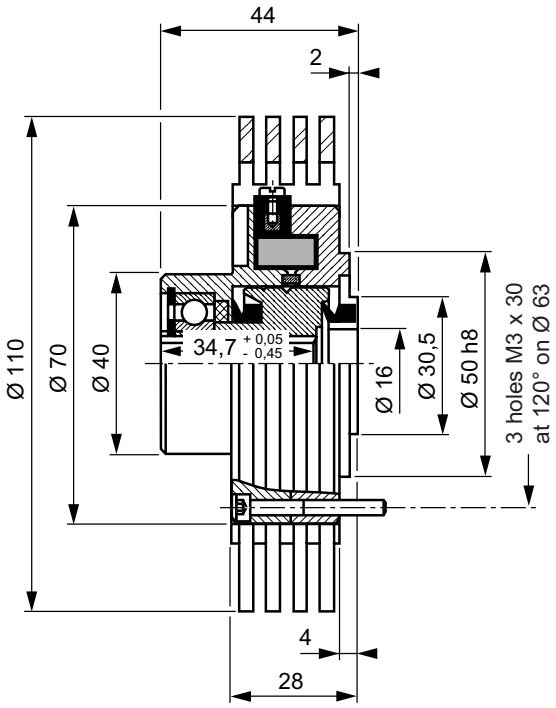
EMAG 1H

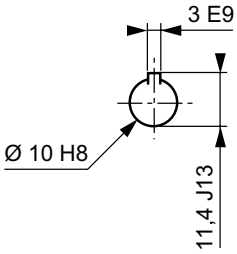
Specifications

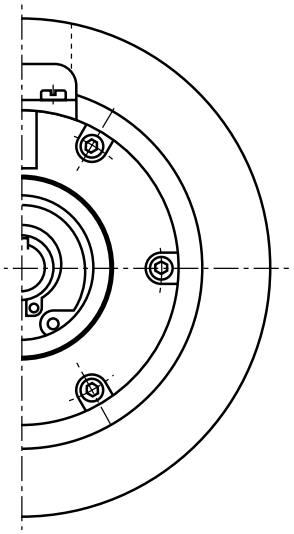
Nominal torque	2	N.m	***ft.lbf***	***1.5***
Minimal torque	0,04	N.m	***ft.lbf***	***0.03***
Coil resistance - 20°C			***Ohm***	***24***
Rated current DC			***A***	***0.40***
Rotor inertia	16.10^{-6}	$kg.m^2$	***lb.ft²***	***$3.85\ 10^{-4}$***
Weight	0,90	kg	***lb***	***1.98***
Heat dissipation continuous sustained			**W ***	***60***

*Heat dissipation is the mechanichal power (P = cw) maximum allowable.









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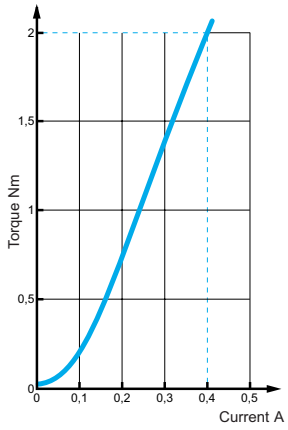

Cleveland Motion Controls, Inc.
7550 Hub Parkway
Cleveland, Ohio 44125
phone: 216.524.8800 or 800.321.8072
fax: 216.642.2199
www.cmccontrols.com