

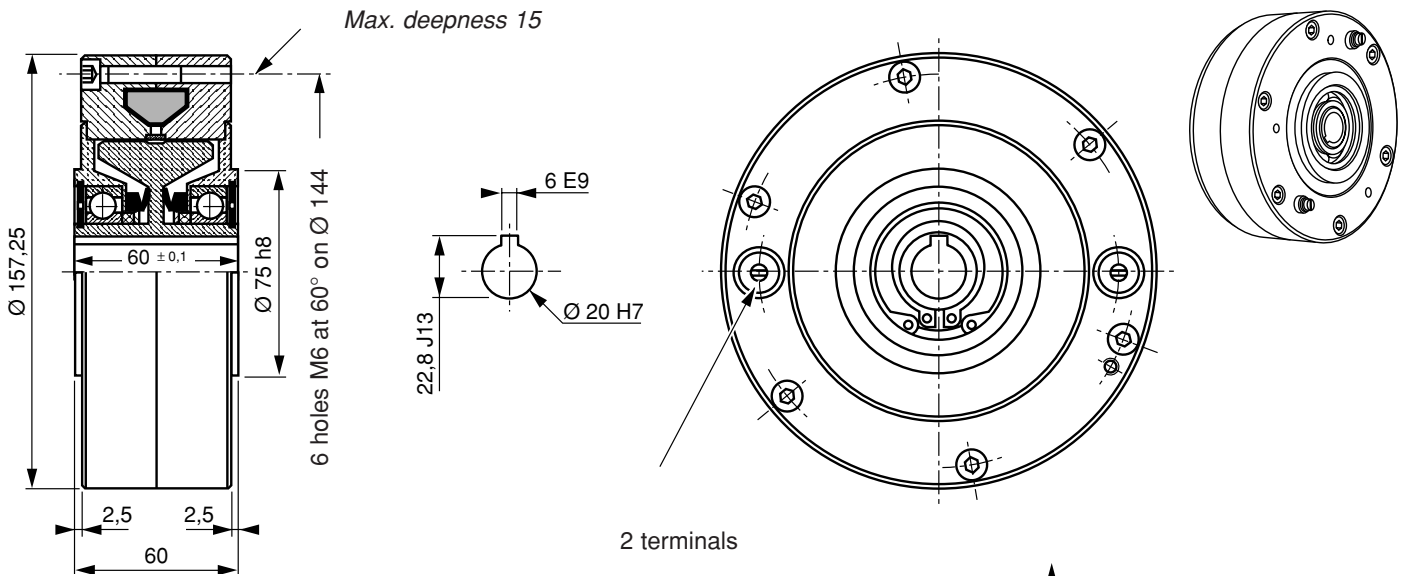
EMAG 50

Specifications

Nominal torque	65	Nm	ft.lb	50
Minimal torque	0.63	Nm	ft.lb	0.45
Coil resistance - 20°C			Ohms	20
Rated current DC			A	1
Rotor inertia	2.10-3	kg.m ²	lb.ft ²	46 10-3
Weight	7.2	kg	lb	15.9
Heat dissipation Continuously sustained			W *	125

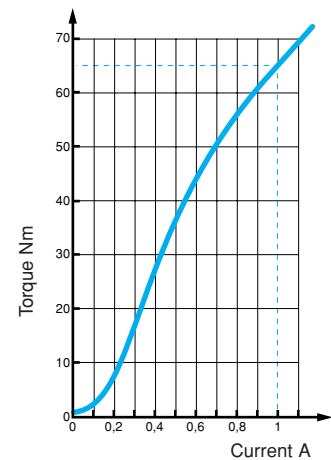
* Heat dissipation is the mechanical power (P = cw) maximum allowable.

- Easy Electric Remote Control
- Low Power Consumption
- High Level of Torque Stability
- Highest Torque Density
- No Dust
- Noiseless
- Easy Installation
- Maintenance-Free Bearing



Application Notes

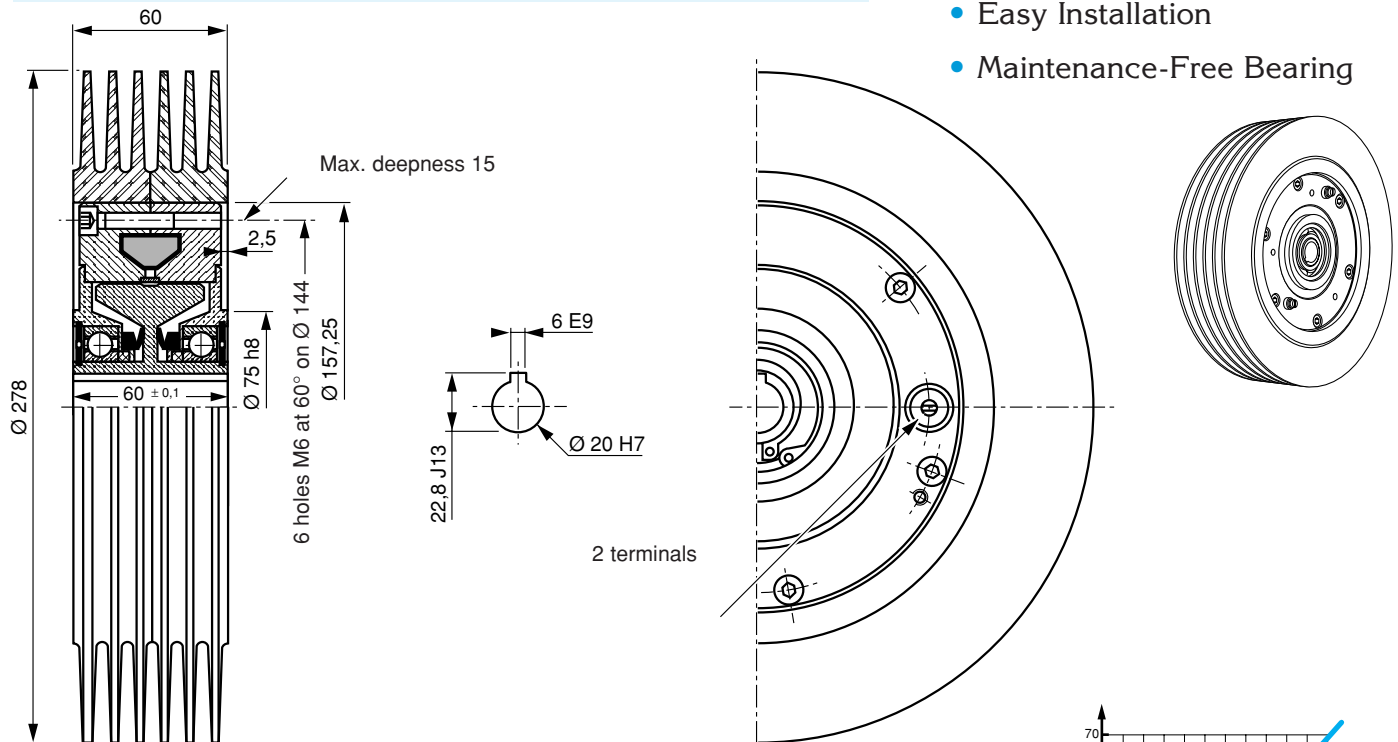
- Lubricated for life (other internal lubrication not required).
The shaft should be lubricated upon assembly, to prevent seizing.
- For use with Cleveland-Kidder® 2 Amp, 24 VDC power supply (Model EMAG-PS2)
- The standard device is designed for horizontal shaft orientation, and a minimal speed of 60 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.



Specifications

Nominal torque	65	N m	ft.lb	50
Minimal torque	0.63	N m	ft.lb	0.45
Coil resistance - 20°C			Ohms	20
Rated current DC			A	1
Rotor inertia	2.10-3	kg.m ²	lb.ft 2	46 10-3
Weight	11	kg	lb	24.2
Heat dissipation			W *	
Continuously sustained with heat sink – H			250	
Continuously sustained with heat sink and blower – HB				1300

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

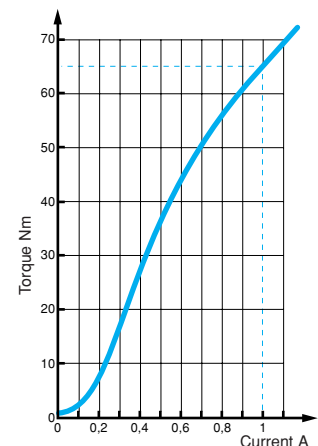


Application Notes

- Lubricated for life (other internal lubrication not required). The shaft should be lubricated upon assembly, to prevent seizing.
- For use with Cleveland-Kidder® 2 Amp, 24 VDC power supply (Model EMAG-PS2)
- 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.

EMAG 50H EMAG 50HB

- Easy Electric Remote Control
- Low Power Consumption
- High Level of Torque Stability
- Highest Torque Density
- No Dust
- Noiseless
- Easy Installation
- Maintenance-Free Bearing



INDUSTRIAL PRODUCTS

7550 Hub Parkway
Cleveland, OH 44125-5794
Tel: 216-524-8800 or (800)-321-8072
Fax: 216-642-2100
www.CMCcontrols.com

CMC Cleveland
Motion Controls
An IMC Company