

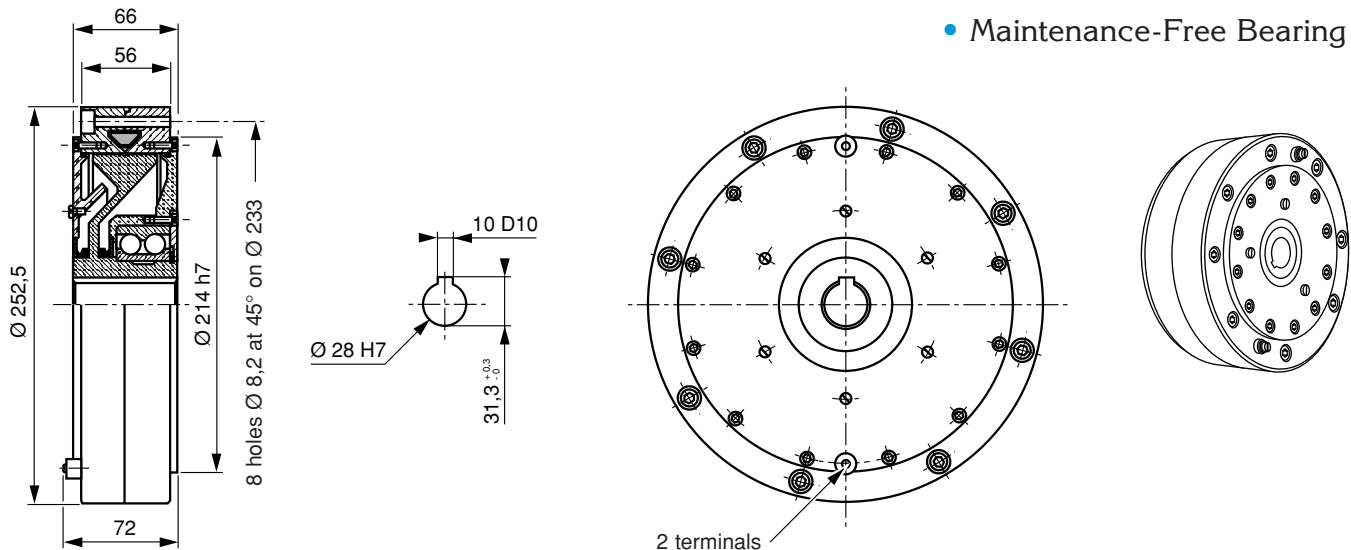
EMAG 90

Specifications

Nominal torque	120	Nm	ft.lb	90
Minimal torque	1.2	Nm	ft.lb	0.9
Coil resistance - 20°C			Ohms	12.5
Rated current DC			A	1.1
Rotor inertia	26.5.10-3	kg.m2	lb.ft 2	615.10-3
Weight	17	kg	lb	37.5
Heat dissipation Continuously sustained			W *	275

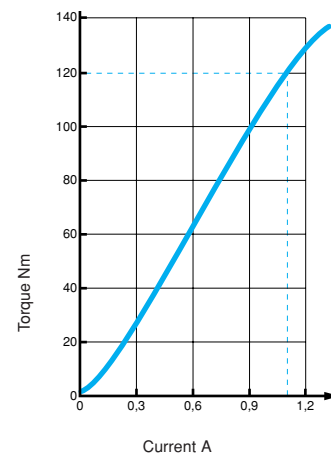
* Heat dissipation is the mechanical power ($P = cw$) maximum allowable.

- 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

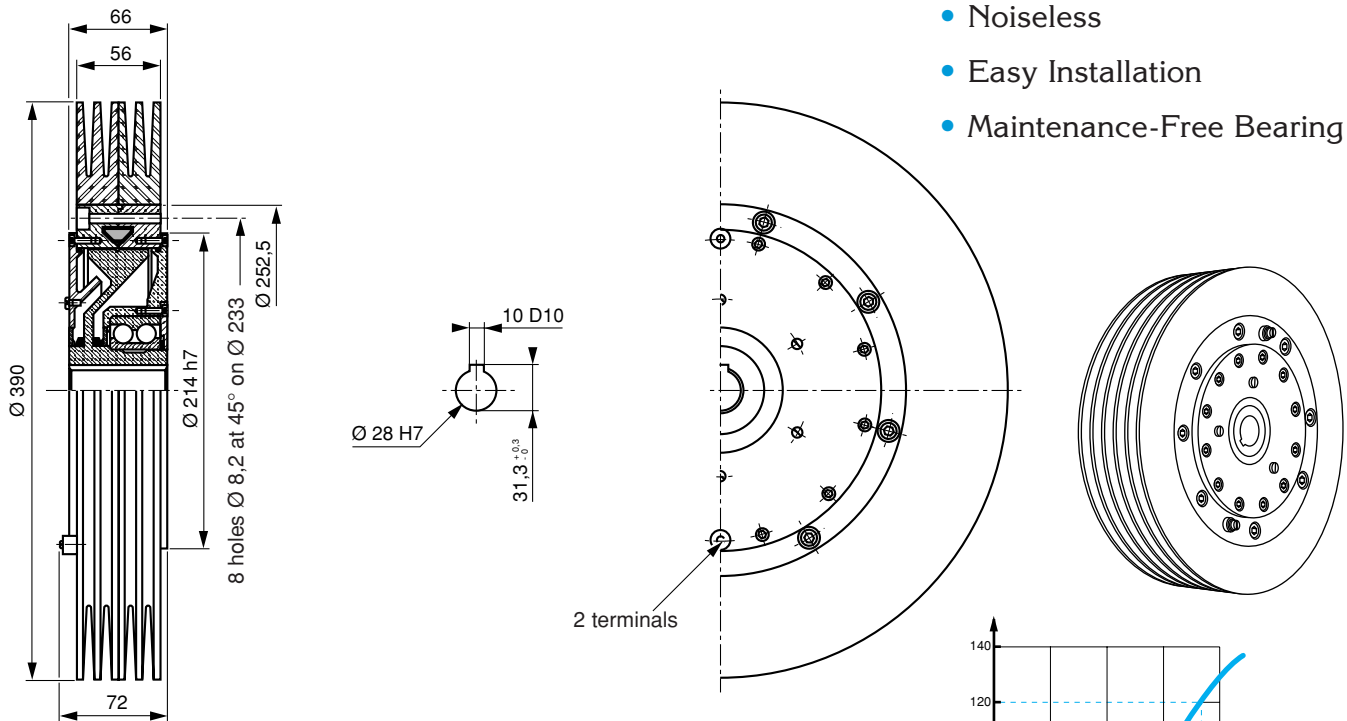
- Lubricated for life (other internal lubrication not required).
The shaft should be lubricated upon assembly, to prevent seizing.
- For use with Cleveland-Kidder® 2 Amp, 24 VDC power supply (Model EMAG-PS2)
- The standard device is designed for horizontal shaft orientation, and a minimal speed of 60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



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Nominal torque	120	Nm	ft.lb	90
Minimal torque	1.2	Nm	ft.lb	0.9
Coil resistance - 20°C			Ohms	12.5
Rated current DC			A	1.1
Rotor inertia	26.5.10-3	kg.m ²	lb.ft ²	615.10-3
Weight	25	kg	lb	55.1
Heat dissipation			W*	
Continuously sustained with heat sink – H			550	
Continuously sustained with heat sink and blower – HB				1900

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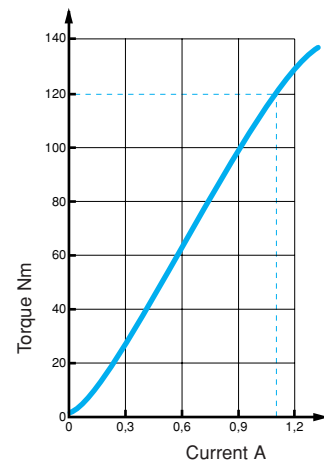


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EMAG 90H EMAG 90HB

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