Cleveland Motion Controls
An IMC Company

Clutch

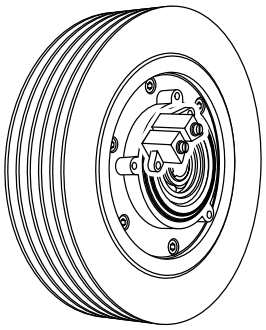
EMAG 9H

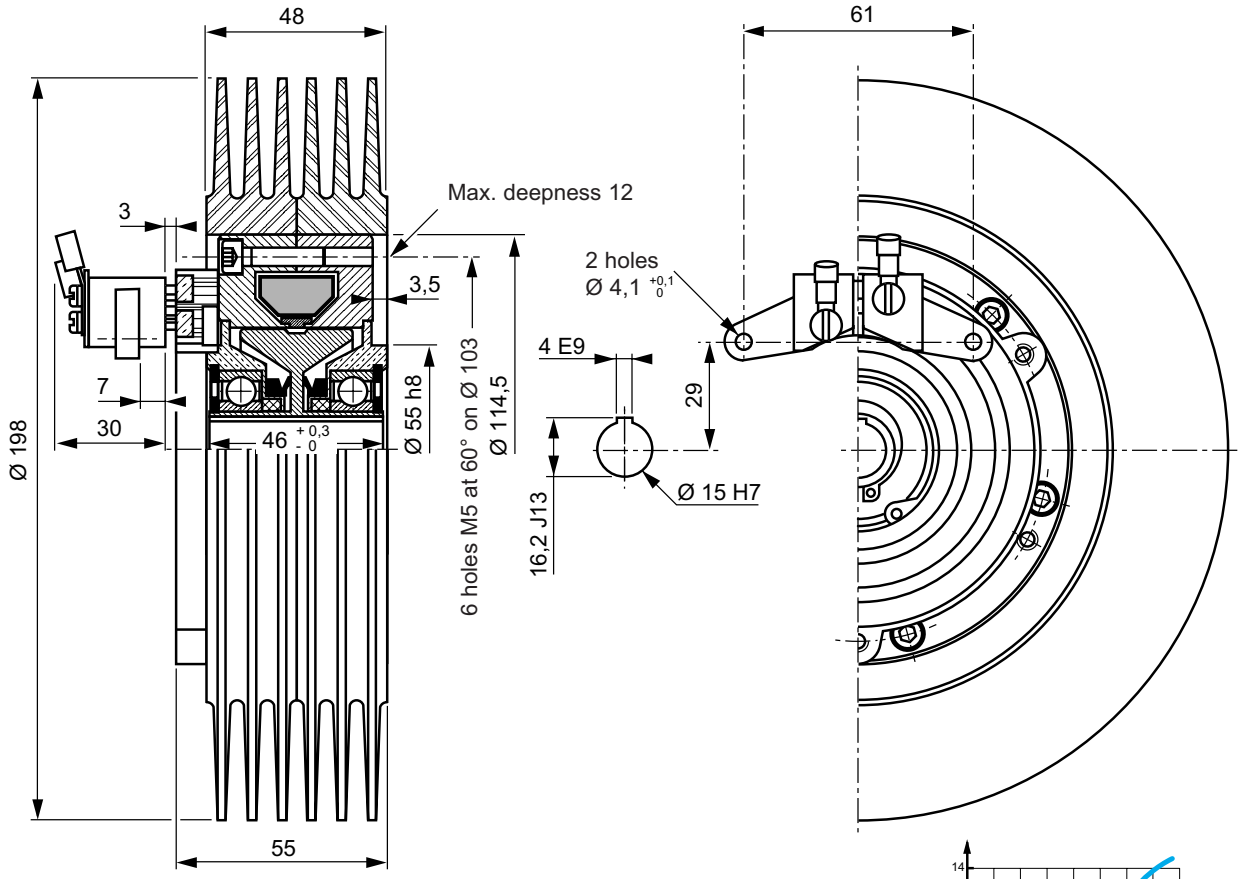
Specifications

Nominal torque	12	N.m	***ft.lbf***	***9***
Minimal torque	0.14	N.m	***ft.lbf***	***0.1***
Coil resistance - 20°C			***W***	***23***
Rated current DC			***A***	***0.55***
Rotor inertia	$0.25.10^{-3}$	$kg.m^2$	***lb.ft²***	***$5.8\ 10^{-3}$***
Weight	4.6	kg	***lb***	***10.15***

Heat dissipation continuous sustained depending on external part rotation speed	***W ****	***130***	***550***	***900***
	(RPM)	0	1000	2000

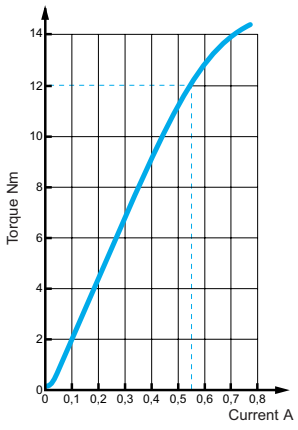
* Heat dissipation is the mechanical power (P = c_W) maximum allowable.





Application Notes

- 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 2000 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.

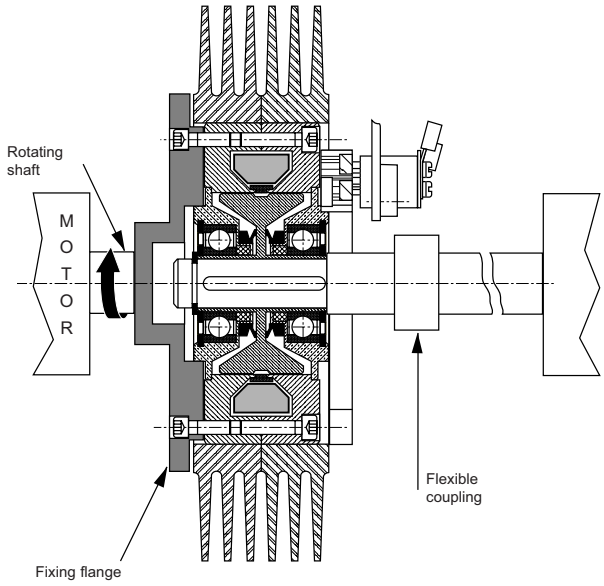


Safety

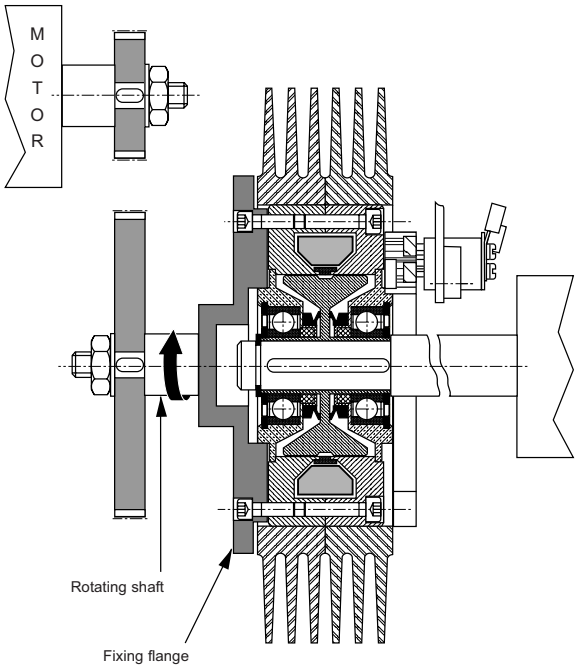
- If the device is to be used in dusty, humid or corrosive environment, special protection needs to be considered.

Recommended mounting principles

In line mounting



Parallel mounting



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