

# Clutch

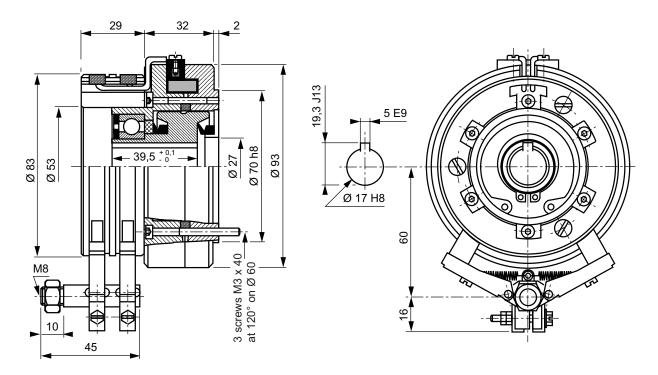
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### **Specifications**

Nominal torque	5 I	V.m	ft.lbf 4	1
Minimal torque	0.1 l	V.m i	ft.lbf (	0.07
Coil resistance - 20°C		i	W 2	24
Rated current DC			A (	0.50
Rotor inertia	99.10 <sup>-6</sup> kg	J.m <sup>2</sup>	lb.ft <sup>2</sup> 2	23 10-4
Weight	2	kg I	lb 4	1.41
Heat dissipation	W *	70	130	165
continuous sustained	• • • • • • • • • • • • • • • • • • • •	70	750	700
depending on external part rotation speed	(RPM)	0	1000	2000

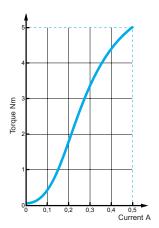


<sup>\*</sup>Heat dissipation is the mechanical power (P = cw) maximum allowable.



### **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 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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### Safety

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

## Recommended mountimg principles

#### In line mounting

#### Parallel mounting

