

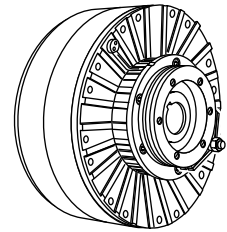
Clutch

EAT 10001

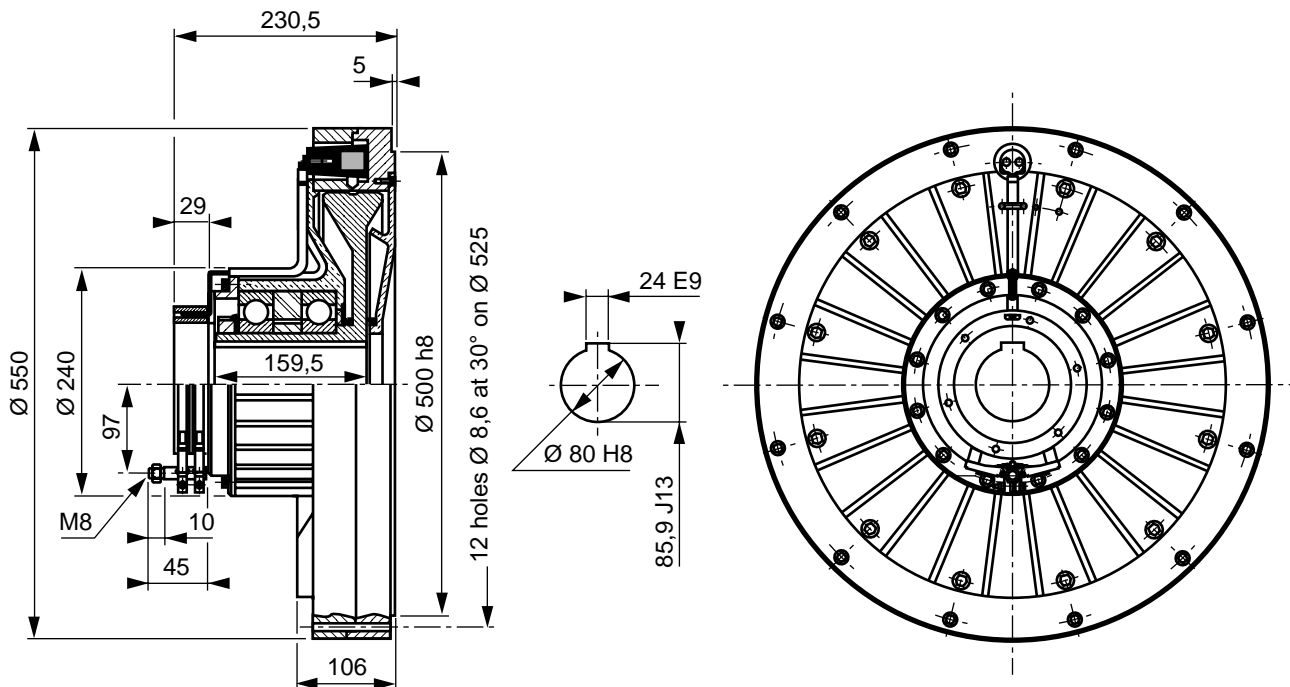
ref: 331.220.00

Specifications

Nominal torque	1000	N.m	ft.lbf	752
Minimal torque	10	N.m	ft.lbf	7.52
Coil resistance - 20°C			W	20
Rated current DC			A	1.70
Rotor inertia	0.81	kg.m ²	lb.ft²	18.8
Weight	136	kg	lb	300
Heat dissipation continuous sustained depending on external part rotation speed	W *		2000	2800
	(RPM)		0	500

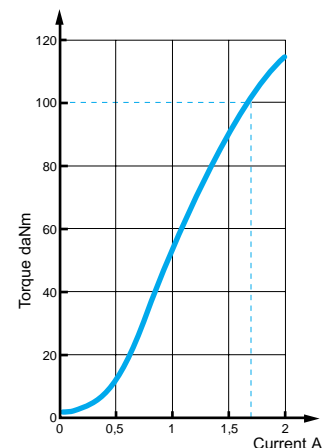


* Heat dissipation is the mechanical power ($P = cw$) maximum allowable.



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 MEROBEL Electronic data sheets)
- The standard device is designed for horizontal shaft orientation,
and a minimal speed of 60 RPM. Maximum speed is 500 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.

Maintenance

- Two procedures are available:

- Full inhouse maintenance servicing:

MEROBEL Inc. after sales
1705 Valley Road
Wanamassa, NJ 07712

Ph : 732 493 3232

Fax: 732 493 2949

- Spare parts or repair kits (depending on maintenance level):

- Kit (powder, ball bearings, seals, felts)	ref: 314.500.72
- Coil	ref: 331.200.14
- Rotor	ref: 331.200.06
- Collector	ref: 314.210.40
- Equipped brush holder	ref: 314.310.60
- 10 brushes set	ref: 314.310.62

- In any case, our After Sales service is at your disposal.

Recommended mounting principles

