

Clutch

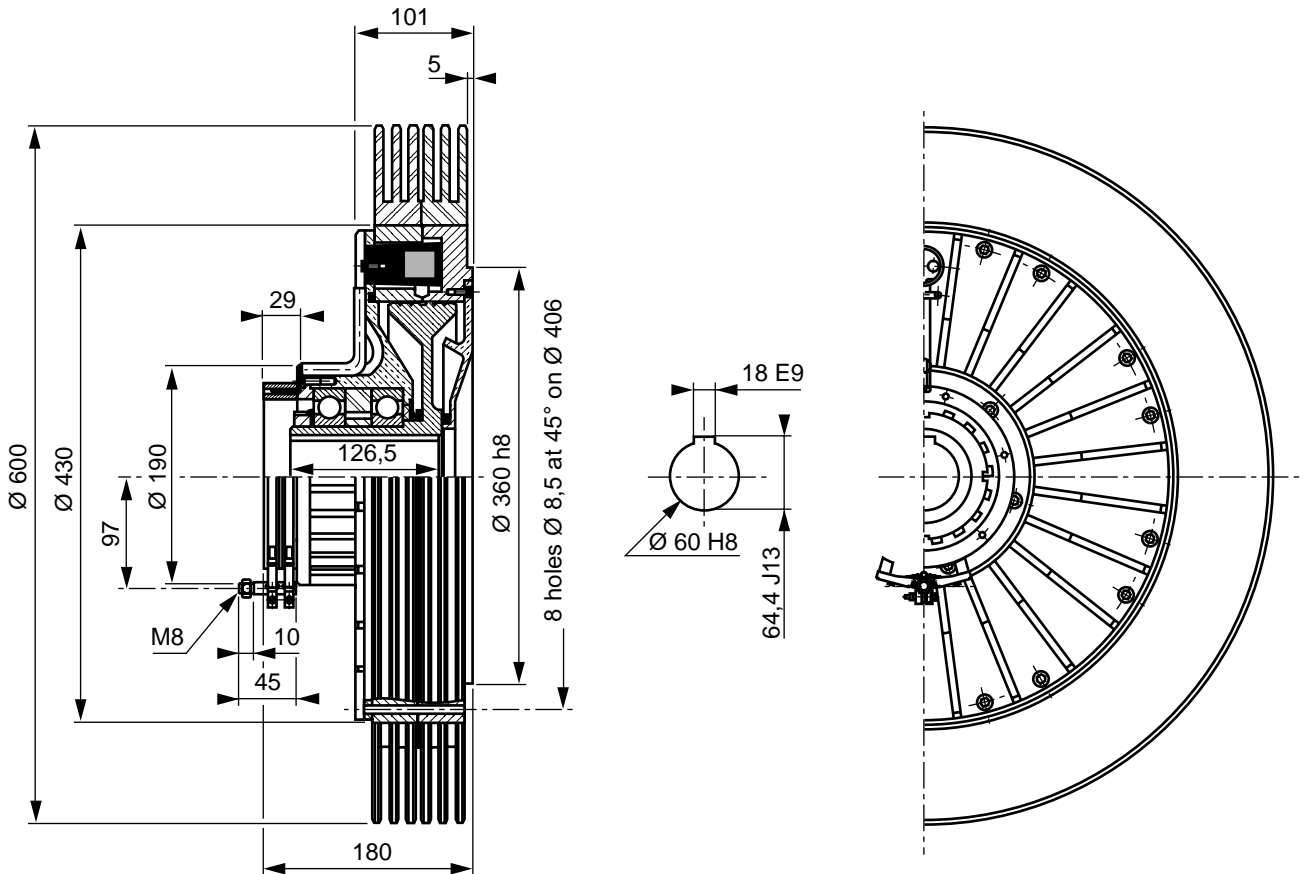
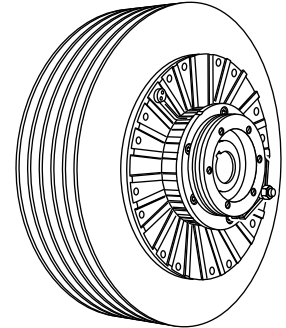
ERAT 5001

ref: 330.930.00

Specifications

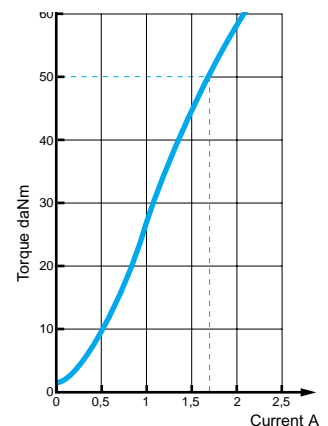
Nominal torque	500	N.m	ft.lbf	376
Minimal torque	5	N.m	ft.lbf	3.76
Coil resistance - 20°C			W	11
Rated current DC			A	1.70
Rotor inertia	0.331	kg.m ²	lb.ft²	7.69
Weight	94	kg	lb	207
Heat dissipation continuous sustained depending on external part rotation speed	W *		2200	3800
	(RPM)		0	700

* Heat dissipation is the mechanical power ($P = c_w$) 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 700 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: 314.400.72

- Coil ref: 330.900.10

- Rotor ref: 314.400.04

- 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

