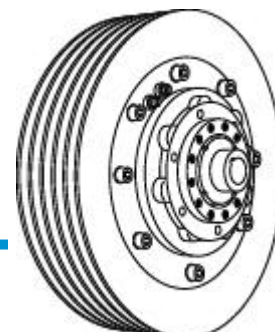


# Brake

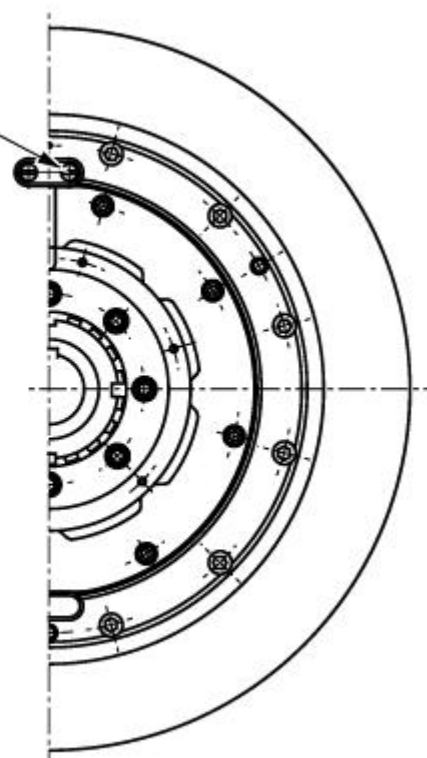
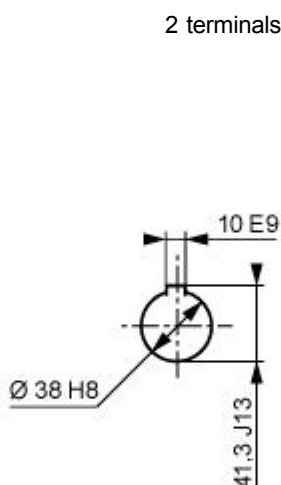
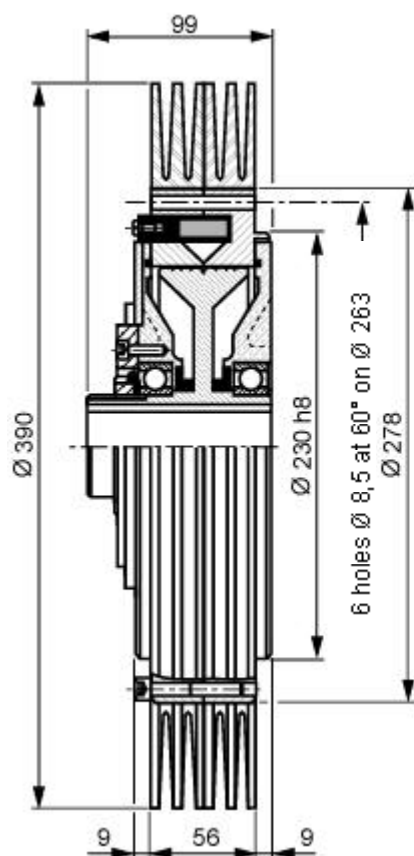
FRAT 2002  
ref: 330.210.00



## Specifications

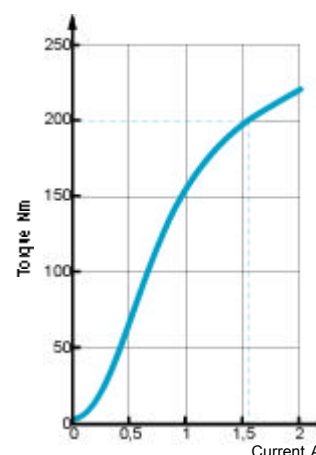
Nominal torque	(Nm)	200
Minimal torque	(Nm)	2
Coil resistance - 20°C	(ohms)	12
Rated current DC	(A)	1,55
Rotor inertia	(kg.m <sup>2</sup> )	35,2.10 <sup>-3</sup>
Weight	(kg)	30
Heat dissipation	(W)*	
continuous sustained without ventilation		750
continuous sustained with MEROBEL ventilation		2000

\* 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 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.
- To protect the device from overheating, a thermal sensor can be added.

## Maintenance

- Two procedures are available :
  - Full inhouse maintenance servicing :  
**Please call : +33 / 2 38 94 42 44**
  - Spare parts or repair kits (depending on maintenance level) :
 

- Kit (powder, ball bearings, seals, felts)	ref : 330.200.71
- Coil	ref : 314.230.10
- Rotor	ref : 330.200.06
- In any case, our After Sales service is at your disposal.

## Recommended mounting principles

