

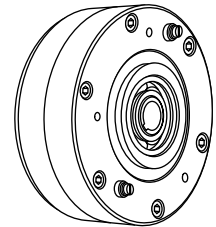
Brake

FAT 120

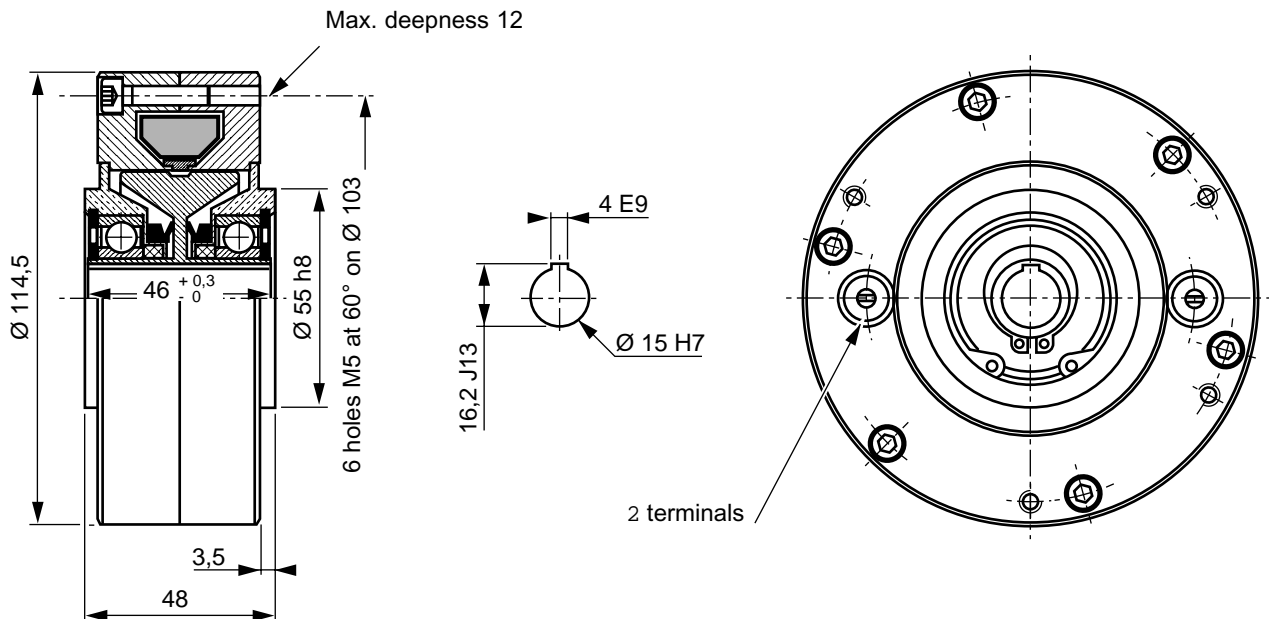
ref: 321.300.00

Specifications

| | | | | |
|--|-----------------------|-------------------|--------------------------|----------------------------|
| Nominal torque | 12 | N.m | <i>ft.lbf</i> | 9 |
| Minimal torque | 0.14 | N.m | <i>ft.lbf</i> | 0.1 |
| Coil resistance - 20°C | | | <i>W</i> | 23 |
| Rated current DC | | | <i>A</i> | 0.55 |
| Rotor inertia | 0.25.10 ⁻³ | kg.m ² | <i>lb.ft²</i> | 5.8 10⁻³ |
| Weight | 2.6 | kg | <i>lb</i> | 5.7 |
| Heat dissipation continuous sustained | | | <i>W *</i> | 65 |

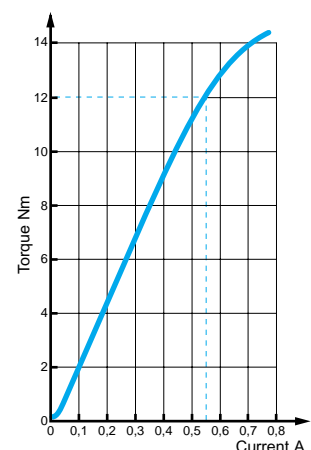


* Heat dissipation is the mechanical power ($P = c_w$) maximum allowable.



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 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.



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:

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: 812.010.00

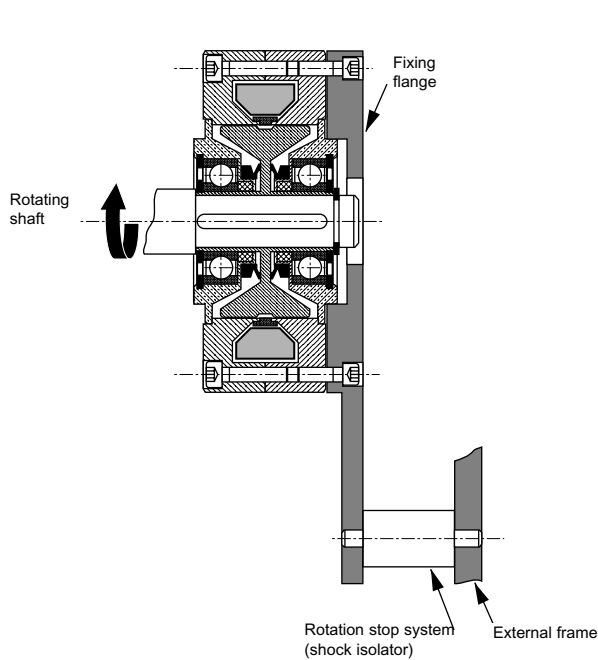
- Coil ref: 321.300.07

- Rotor ref: 315.300.03

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

Recommended mounting principles

In line mounting



Parallel mounting

