

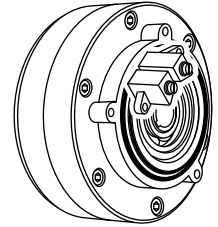
Clutch

EAT 120

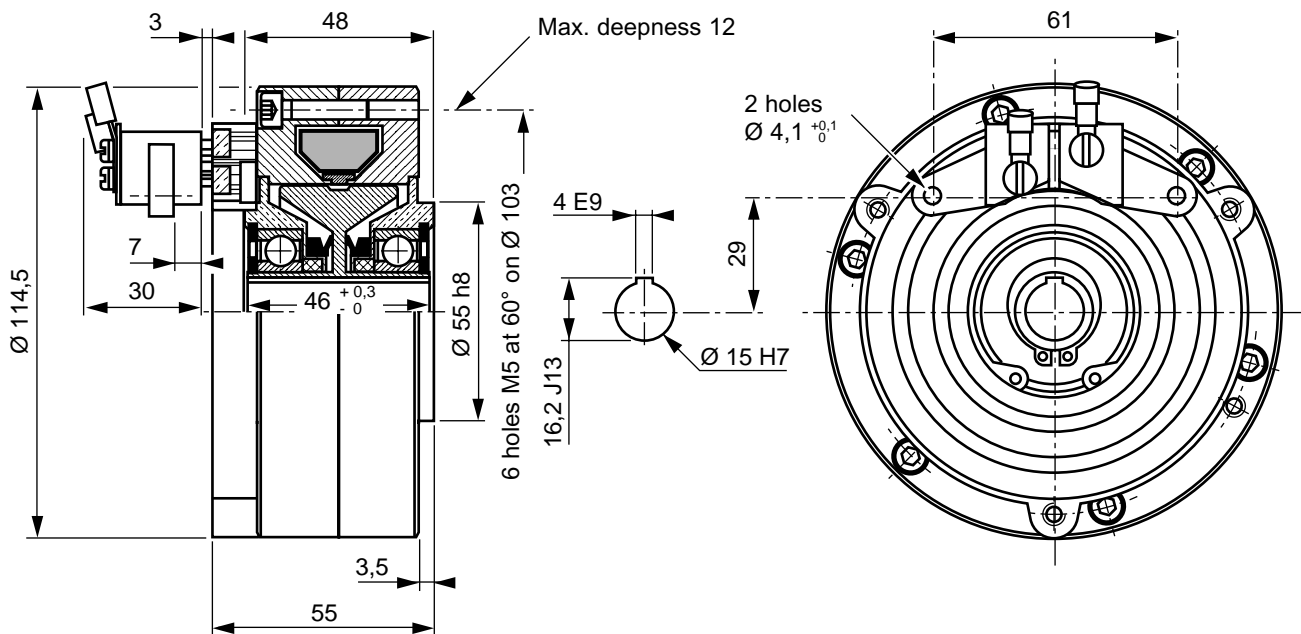
ref: 321.500.00

Specifications

Nominal torque	12	N.m	ft.lbf	9
Minimal torque	0.14	N.m	ft.lbf	0.1
Coil resistance - 20°C			W	23
Rated current DC			A	0.55
Rotor inertia	0.25.10 ⁻³	kg.m ²	lb.ft²	5.8 10⁻³
Weight	2.8	kg	lb	6.17
Heat dissipation continuous sustained depending on external part rotation speed	W *	65	170	220
	(RPM)	0	1000	2000

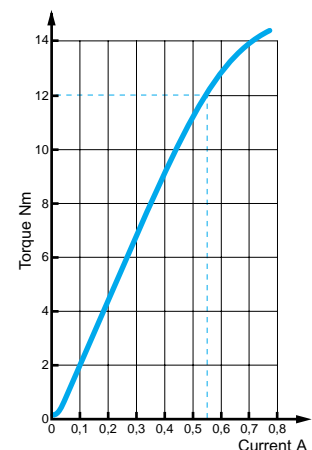


* Heat dissipation is the mechanical power ($P = c_w$) maximum allowable.



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.

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

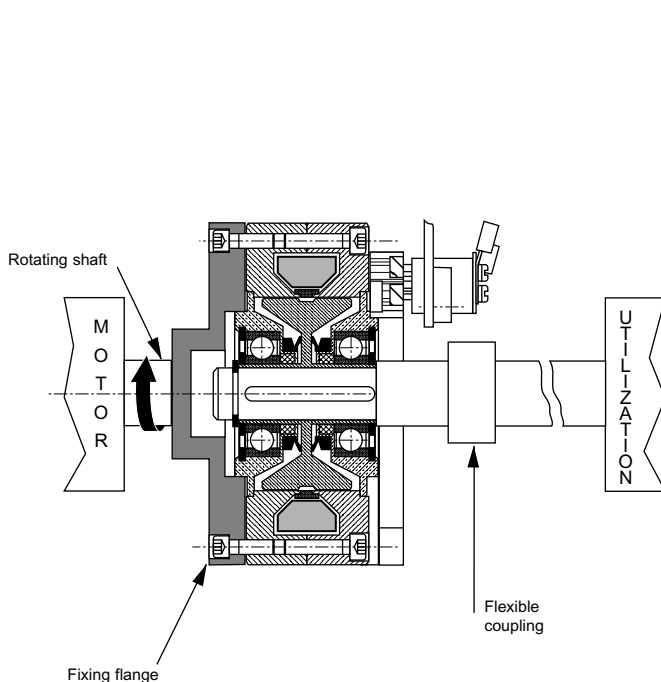
- Spare parts or repair kits (depending on maintenance level):

- Kit (powder, ball bearings, seals, felts) ref: 812.010.00
- Coil ref: 321.300.07
- Rotor ref: 315.300.03
- Collector ref: 315.300.40
- Equipped brush holder ref: 807.275.02
- 10 brushes set ref: 807.079.01

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

Recommended mounting principles

In line mounting



Parallel mounting

