



In order to avoid magnetic leakage flux and to achieve a good heat removal, non-ferrous metals should be used for installation or attachment of auxiliary components (not for drive shaft).

Only applicable for horizontal shaft position !

dimensions and specifications subject to change

| rated torque | residual torque | field values | | | resistance at 20°C | operating times | | max. admissible power loss | | | mass moment of inertia | | weight |
|-----------------------|-----------------------|----------------|---------------|--------------------|--------------------|----------------------|-----------------------|----------------------------|------------------------|------------------------|------------------------|-----------------------|--------|
| | | maximum values | rated current | | | t _{on} [ms] | t _{off} [ms] | 0 min ⁻¹ | 1000 min ⁻¹ | 2000 min ⁻¹ | ext. rotor | int. rotor | |
| M _{max} [Nm] | M _{res} [Nm] | P [W] | U [V] | I _N [A] | R [Ω] | t _{on} [ms] | t _{off} [ms] | P _v [W] | P _v [W] | P _v [W] | J [kgm ²] | J [kgm ²] | m [kg] |
| 1000 | 10 | 200 | 24 | 1,7 | 20 | 5000 | 4600 | 5000 | - | - | - | 0,81 | 155 |

Wie recommend the use of a flow indicator to control the cooling water

water cooling
 required volume of water: V= 5,5 l/min
 water temperature 18° C
 water pressure app 3 bar
 pH- value < 8