



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).

dimensions and specifications subjekt 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 | 1500 min ⁻¹ | ext. rotor | int. rotor | |
| M_{max} [Nm] | M_{res} [Nm] | P [W] | U [V] | I_N [A] | R [Ω] | | | P_v [W] | P_v [W] | P_v [W] | J [kgm ²] | J [kgm ²] | m [kg] |
| 200 | 2,0 | 55 | 24 | 1,55 | 11 | 1100 | 1000 | 400 700* | 800 1900 * | 1000 2500 * | 198·10 ⁻³ 330·10 ⁻³ * | 35,2·10 ⁻³ | 25 31 * |

Only applicable for horizontal shaft position !

| | |
|-----------------------------|---------------------------------|
| axial force is inadmissible | admissible max. radial force: N |
|-----------------------------|---------------------------------|

*) heat sink "R"

| item | amount | parts |
|------|--------|---|
| 4 | 1 | bearing shell |
| 5 | 1 | opposite side of slip ring "A" |
| 57 | 1 | bearing shell slip ring side |
| 44 | 1 | bearing cover slip ring side |
| 6 | 1 | snug fit for slip ring "B" |
| 14 | 1 | internal rotor |
| 40 | 1 | field coil 24VDC |
| 57 | 1 | slipring |
| 58 | 1 | retaining ring for hollow shaft (rotor) |
| 58 | 1 | threaded nut for hollow shaft (rotor) |
| 59 | - | air gap for magnetic powder |
| 60 | 1 | brush holder assy. |
| 61 | 2 | V ring gasket |
| 62 | 2 | ball bearing |