

Inquiry form for DC Motors

| Sender | | | |
|----------|--|------------------|--|
| Company: | | Contact partner: | |
| | | Phone: | |
| Address: | | Fax: | |
| | | E-Mail: | |

| Spare parts | | | |
|---|--|--------------------------|--|
| <p>→ If you wish to request a quote for spare parts, please only fill out the section highlighted in gray. It is not possible to provide a quote without a serial number.</p> | | | |
| Serial number: | | Order number (optional): | |
| End customer / Country of end customer: | | | |

New device

1 Application:
 Description of application:

Connection drive machine to motor

- Axial drive via coupling / gearbox
 Radial drive via flange or toothed belt (please state radial forces, if known: F_r : N)

2 Number of items: **3 Date when required / Delivery date:**

4 Rated output: **5 Rated speed:**

6 Maximum speed: **7 Maximum allowable shaft torque:** (if known)

8 Duty cycle (based on rated output):

Continuous duty (S1)
 Intermittent duty (S2 – min) (please enter period in minutes)
 Periodic duty (S3 – %) (please enter ON time in %)

Other (description):

9 Rated data voltage (based on rated speed)

Armature voltage

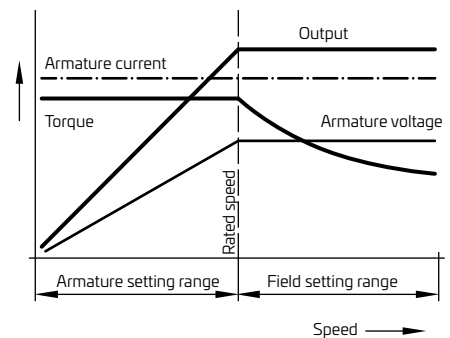
- Accumulator
 12 VDC 24 VDC 48 VDC Other: VDC
- Direct voltage system
 110 VDC 125 VDC 160 VDC 280 VDC 400 VDC Other: VDC

Excitation voltage (no voltage details for series-wound machine, as exciter winding is integrated in armature circuit)

- Identical with armature voltage Other: VDC
- Shunt excitation: Exciter winding connected directly to armature winding A1 – A2 (same voltage source)
- Separate excitation: Exciter winding connected to separate voltage source

Type of exciter winding / machine type

- Shunt wound machine (enabled after current flows to the exciter winding)
 Speed range (armature setting range¹⁾): – rpm
 Speed range (field setting range²⁾): – rpm
- Compound-wound machine (enabled immediately / increased breakaway torque)
 Speed range (armature setting range¹⁾): – rpm
 Speed range (field setting range²⁾): – rpm
- Reversing duty (speed reversal) required: Yes No
- Series wound machine (enabled immediately / very high breakaway torque, no-load operation not allowed)
 Speed range (armature + field): – rpm
- Reversing duty (speed reversal) required: Yes No



10 Winding cover:

- Without winding cover PT100 (2-wire) Microtherm switch (NC) Other:

11 Connection technology

- Terminal box (as per listed version) Other (please describe):
-
-
-

¹⁾ Armature setting range: Increasing armature voltage (constant excitation voltage) = Increasing output / increasing speed / constant torque

²⁾ Field setting range: Reducing excitation voltage (constant armature voltage) = Maintaining constant output / increasing speed / decreasing torque

