JOHANNES HÜBNER GIESSEN

Inquiry form
for DC Motors

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

Spare parts			
→ 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.			
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): .....

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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)

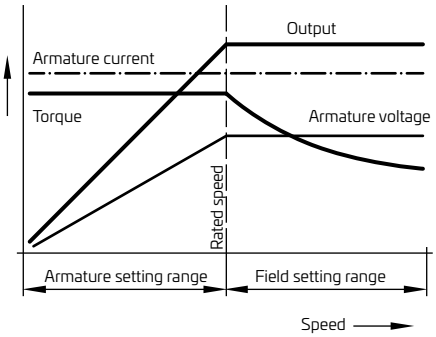
☐ Separate excitation: Exciter winding connected to separate voltage source

Type of exciter winding / machine type

☐ Shunt wound machine (enabled after current flows to the exciter winding)

Speed range (armature setting range[1]): ..... – ..... rpm

Speed range (field setting range[2]): ..... – ..... rpm



☐ Compound-wound machine (enabled immediately / increased breakaway torque)

Speed range (armature setting range[1]): ..... – ..... rpm

Speed range (field setting range[2]): ..... – ..... 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 ☐ PT 100 (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

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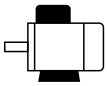
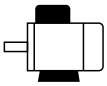
12 Construction (see also dimension drawing / table on homepage):

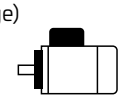
☐ B3 (foot)



☐ B5 / A ..... (flange)



☐ B14 / C ..... (flange)



☐ Other: ..... → (please describe / attach drawing)

☐ Shaft end (drive shaft end), description: ..... → (see also dimension drawings in list)

Second shaft end (non-drive shaft end): ☐ No ☐ Yes, description of shaft for installation: .....

Separately driven fan: ☐ No ☐ Yes, supply voltage connection: ..... VDC or ..... VAC

Other special characteristics / description: .....

13 Attachments:

☐ Gearbox (type / designation / reduction gearing / construction): ..... → (Please attach data sheet)

☐ Spring-operated brake (supply voltage, braking torque): ..... → (Please attach data sheet)

☐ Pulse generator or tacho generator (type / designation / techn. data): ..... → (Please attach data sheet)

14 Degree of protection:

☐ IP23 ☐ IP44 ☐ IP55 ☐ IP66 ☐ IP .....

15 Temperature range:

☐ -20 °C to +40 °C ☐ Other: .....

16 Miscellaneous:

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