

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, plea provide a quote without a serial number.	ise only fill out the section highlighted in gray. It is not possible to	
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 <sub>r</sub> :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 ( (please enter period in m	(S2 – min) 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 VI	DC 🗌 Other: VI	DC
Direct voltage system		
110 VDC 125 VDC 160 V	/DC 280 VDC 400 VDC	Other: VDC
Excitation voltage (no voltage details for serie	s-wound machine, as exciter winding	is integrated in armature circuit)
Identical with armature voltage	Other: VI	DC
Shunt excitation: Exciter winding con	nected directly to armature winding A1 – .	A2 (same voltage source)
Separate excitation: Exciter winding c	onnected to separate voltage source	
Type of exciter winding / machine type		
Shunt wound machine (enabled after curre	ent flows to the exciter winding)	Output
Speed range (armature setting range <sup>1)</sup> ):	rpm	Armature current
Speed range (field setting range <sup>2)</sup> ):	rpm	Torque Armature voltage
Compound-wound machine (enabled imm	ediately/increased breakaway torque)	paeed speed
Speed range (armature setting range <sup>1)</sup> ):	rpm	Armature setting range Field setting range
Speed range (field setting range <sup>2)</sup> ):	rpm	Speed —
Reversing duty (speed reversal) required:	Yes No	
Series wound machine (enabled immediate	ely/very high breakaway torque, no-loac	d operation not allowed)
Speed range (armature+field):	rpm	
Reversing duty (speed reversal) required:	Yes No	
10 Winding cover:		
Without winding cover PT 10	00 (2-wire) Microtherm switch	(NC) Other:
11 Connection technology		
Terminal box (as per listed version)	Other (please describe):	

<sup>1)</sup> Armature setting range: Increasing armature voltage (constant excitation voltage) = Increasing output/increasing speed/constant torque <sup>2)</sup> Field setting range: Reducing excitation voltage (constant armature voltage) = Maintaining constant output/increasing speed/decreasing torque



12	Construction (see also dimension drawing / table on homepage):
	B3 (foot) B5/A B14/C   (flange) (flange)
	Other: → (please describe/attach drawing)
	Shaft end (drive shaft end), description:
	Second shaft end (non-drive shaft end): No Yes, description of shaft for installation:
	Separately driven fan: No Ves, supply voltage connection:
	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: 15 Temperature range:
	IP23 IP44 IP55 IP66 IP -20°C to +40°C Other:
16	Miscellaneous:
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