ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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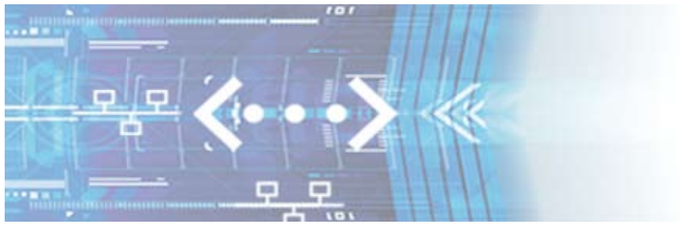
Find the *Dunkermotoren GR 42x40* at our website: ***Click HERE***

Versions of GR 42x40 / Ausführungen GR 42x40	*Page* / Seite
With gearbox / Als Getriebemotor	45
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With tacho generator / Mit Tachogenerator	60
With magnetic pulse generator / Mit magnetischem Impulsgeber	61
With incremental encoder / Mit Inkrementalgeber	62

Standard / Standard *On request* / auf Anfrage

- *General information about the characteristics of our commutated motors, see page 8*
- *The standard version has leads (300 mm)*
- *Special windings available on request*
- *Different shaft lengths or shaft on both sides available as per our program*
- *Protection class IP 50, higher class available on request*
- *Ball bearing in the motor shaft. For projects the motor is also available with slide bearing (G 42)*

- Allgemeine Informationen über die Eigenschaften unserer Kollektormotoren siehe S. 8
- Der Motor wird standardmäßig mit Litzen (300 mm) geliefert
- Sonderwicklungen auf Anfrage erhältlich
- Auf Anfrage verschiedene Wellenlängen bzw. beidseitige Wellen gemäß unserem Programm lieferbar
- Schutzart IP 50, auf Anfrage auch höher
- Die Motorwelle ist kugelgelagert. Projektbezogen ist der Motor auch mit Gleitlager erhältlich (G 42)



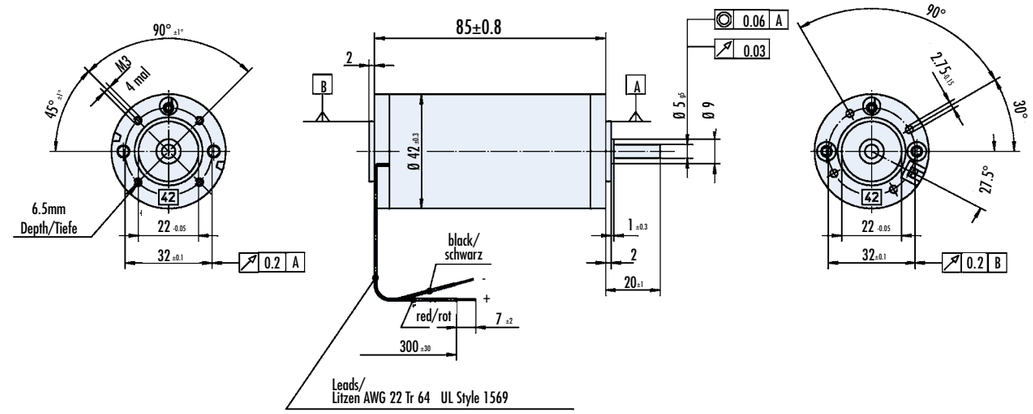


Data / Technische Daten		GR 42x40		
Rated voltage/ Nennspannung	VDC	12	24	40
Continuous rated speed/ Nenndrehzahl	rpm*)	3750	3100	3400
Continuous rated torque/ Nenndrehmoment	Ncm*)	5.3	5.7	5.7
Continuous current/ Nennstrom	A*)	2.7	1.2	0.8
Starting torque/ Anlaufmoment	Ncm**)	32	33	36
Starting current/ Anlaufstrom	A**)	13.2	5.68	3.97
No load speed/ Leerlaufdrehzahl	rpm**)	4550	3800	3950
No load current/ Leerlaufstrom	A**)	0.44	0.18	0.12
Demagnetization current/ Entmagnetisierstrom	A**)	24	10.5	6.3
Rotor inertia/ Trägheitsmoment	gcm²	110	110	110
Weight of motor/ Motorgewicht	g	490	490	490

*) $\Delta\vartheta_w$ = 100 K; **) ϑ_R = 20°C

dunkermotoren
advanced motion solutions

Dimensions in mm / Maßzeichnung in mm

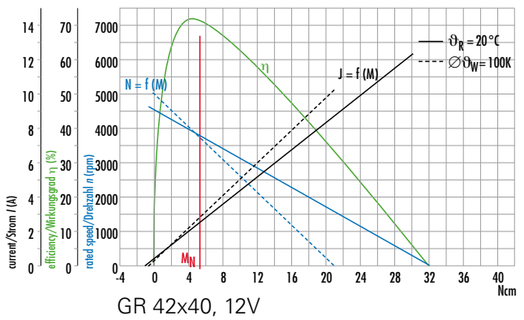


F_{axial} = max. 30N
F_{radial} = max. 60N

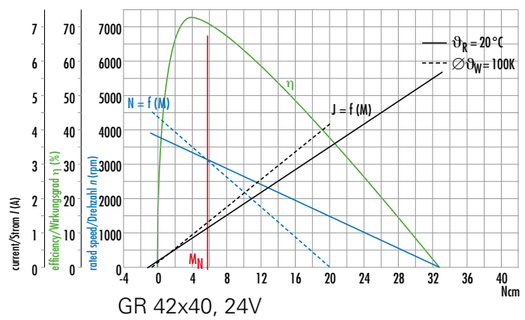
Shaft / Welle	
front / vorne	*back* / hinten
5 x 20 mm	-
5 x 45 mm	-
5 x 45 mm	5 x 45 mm

Characteristic diagram / Belastungskennlinien

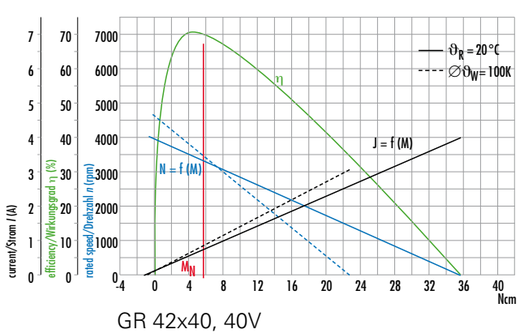
In accordance with EN 60034
Belastungskennlinien gezeichnet nach EN 60034



GR 42x40, 12V



GR 42x40, 24V



GR 42x40, 40V

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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We buy equipment

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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