

DC Motoren



- Gleichstrommotor mit Getriebe
- Motoranschluss durch M12 Stecker

Typenschlüssel

MOT - DC - 36 - M - A - D

Spezifikationen (Nenn Drehzahl [1/min])

A	Ø 37=350
B	Ø 37=112
C	-
D	Ø 36=190 Ø 37=47 Ø 42=252
E	-
F	Ø 42=96
G	-
H	Ø 37=17

Optionen

A	ohne
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Motoranschluss

M	metrischer Stecker M12
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Außendurchmesser

36	36 mm
37	37 mm
42	42 mm

Motortyp

DC	DC-Motor
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Produkttyp

MOT	Motor
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Technische Daten

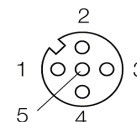
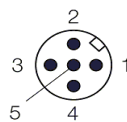
Motor		MOT-DC-37-M-A-A	MOT-DC-37-M-A-B	MOT-DC-36-M-A-D	MOT-DC-37-M-A-D	MOT-DC-42-M-A-D	MOT-DC-37-M-A-H	MOT-DC-42-M-A-F	
Nennspannung	[VDC]	24	24	24	24	24	24	24	
Nennmoment	[Nm]	0,1	0,3	0,5	0,7	1,0	1,5	1,8	
Anlaufmoment	[Nm]	0,3	0,5	1	1	3	1,8	6	
Leerlaufdrehzahl	[1/min]	440	146	223	58	290	22	115	
Nennndrehzahl	[1/min]	350	112	190	47	252	17	101	
Nennstrom	[A]	0,5	0,5	0,9	0,5	2,3	0,5	2,0	
Wellenbelastung, axial (10mm ab Flansch)	[N]	6,8	6,8	25	6,8	30	6,8	30	
Wellenbelastung, radial (10mm ab Flansch)	[N]	9,8	9,8	30	9,8	50	9,8	50	
Getriebeuntersetzung	[i]	10	30	27	75	24	200	61	

Gewicht

Produktgewicht	[kg]	0,280	0,280	0,420	0,280	0,580	0,280	0,580	
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Betriebsdaten

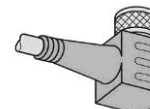
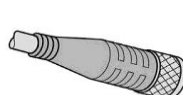
Umgebungstemperatur	[°C]	-10 ... +50							
Temperaturanstieg max. zulässig	[°C]	60							
Luftfeuchtigkeit (nicht kondensierend)	[%]	85							
Schutzklassen (es müssen alle Befestigungsschrauben verwendet werden, um die Schutzklasse zu gewährleisten. Die Motorwelle muss nach unten zeigen)		IP41	IP41	IP41	IP41	IP41	IP41	IP41	
Betriebsart		S2 (Kurzzeitbetrieb)							



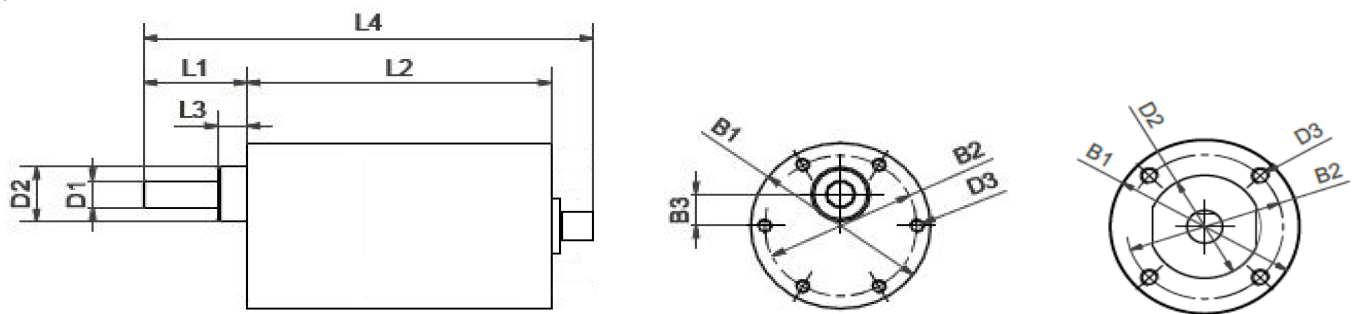
Steckerbelegung	Motoranschluss		Motorleitung
	Metrischer Stecker M12		M12 5-polig
	PIN	Signal	Farbe
	1	Plus	braun
	2	-	-
	3	Minus	blau
	4	-	-
	5	-	-

Anschlussleitungen

Bestellnummer	Mantel	Typ	Leitungslänge	Stecker
Motor	Leitung Ø: 5,5 mm			
	Biegeradius bewegt < 10m Verfahrensweg: min. 5 x d			
MAT9043737	TPE	CF9.INI	3	gerade
MAT9043738	TPE	CF9.INI	5	gerade
MAT9043740	TPE	CF9.INI	10	gerade
MAT9043742	TPE	CF9.INI	3	gewinkelt
MAT9043743	TPE	CF9.INI	5	gewinkelt
MAT9043745	TPE	CF9.INI	10	gewinkelt



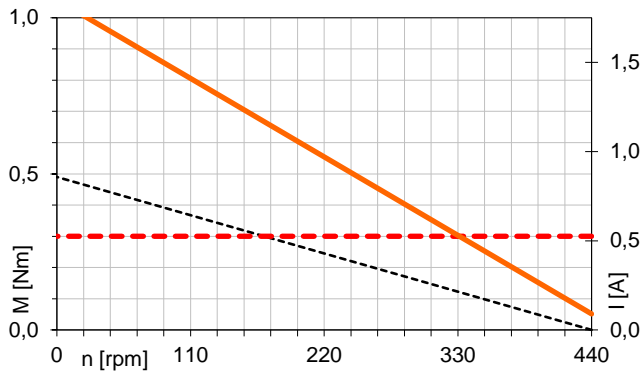
Technische Daten
Maße



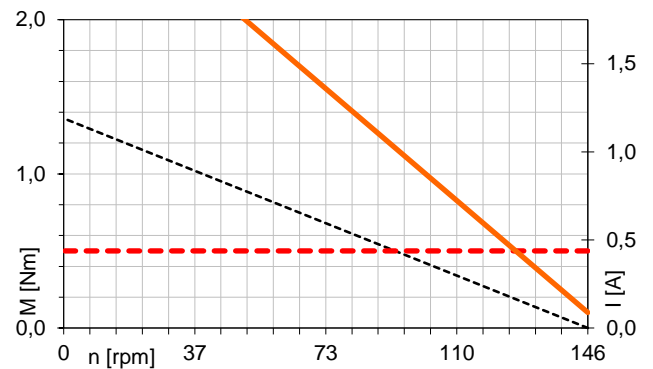
Typ	B1 [mm] ±0,3	B2 [mm] ±0,2	B3 [mm] ±0,1	D1 Ø [mm] -0,013	D2 Ø [mm] ±0,025	D3 Ø [mm]	L1 [mm]]	L2 [mm] ±1	L3 [mm]	L4 [mm]
MOT-DC-37-M-A-A	42,0	31	7	6,0	12,0	M3	21,0	100	6,0	134,0
MOT-DC-37-M-A-B	42,0	31	7	6,0	12,0	M3	21,0	100	6,0	134,0
MOT-DC-36-M-A-D	41,0	26	0	6,0	20,0	M3	19,3	126	3,0	158,3
MOT-DC-37-M-A-D	42,0	31	7	6,0	12,0	M3	21,0	100	6,0	134,0
MOT-DC-42-M-A-D	47,3	35	0	8,0	25,0	M4	22,0	146	2,0	181,0
MOT-DC-37-M-A-H	42,0	31	7	6,0	12,0	M3	21,0	100	6,0	134,0
MOT-DC-42-M-A-F	47,3	35	0	8,0	25,0	M4	22,0	146	2,0	181,0

Kennlinien (24VDC)

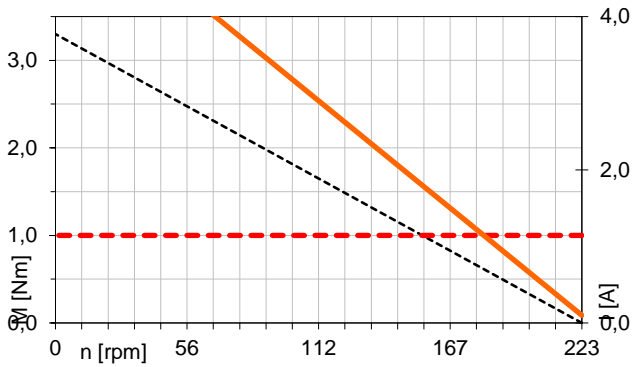
MOT-DC-37-M-A-A



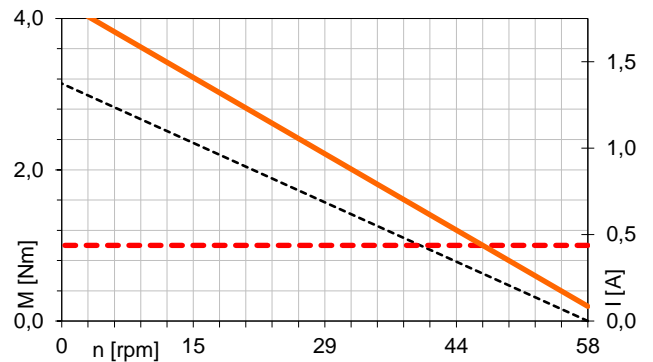
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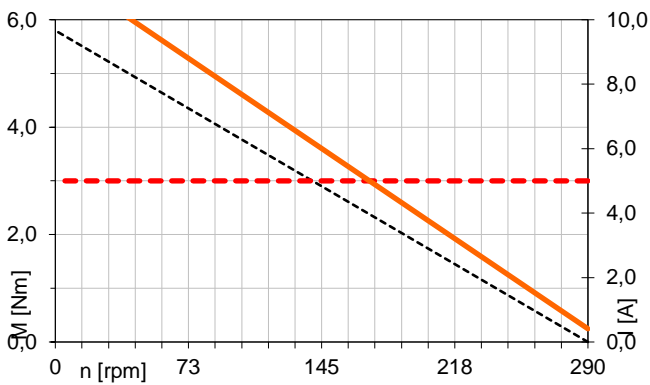
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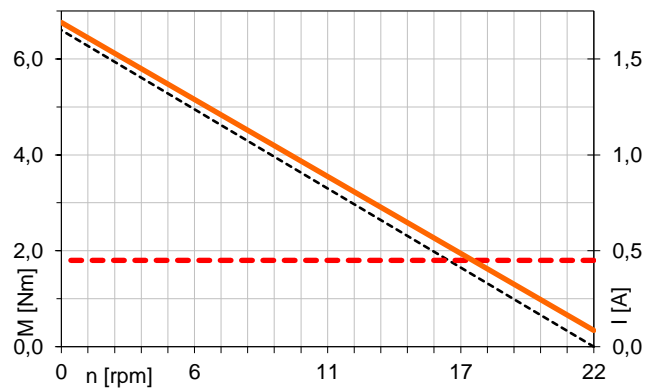
MOT-DC-37-M-A-D



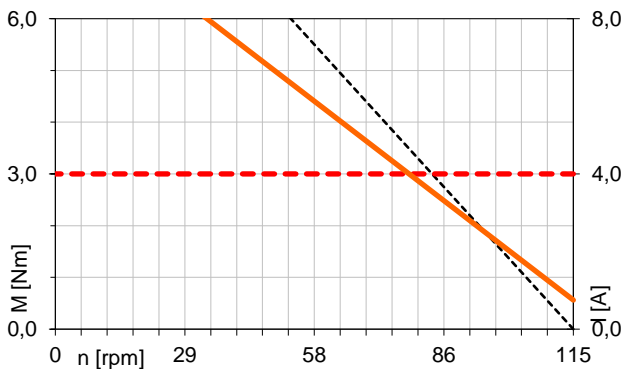
MOT-DC-42-M-A-D



MOT-DC-37-M-A-H



MOT-DC-42-M-A-F



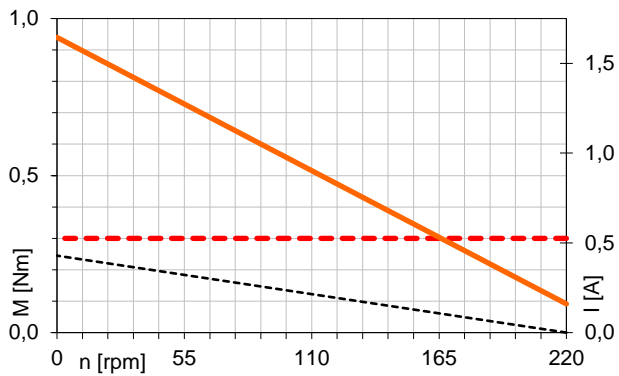
--- Drehmoment

--- max. Dauerdrehmoment

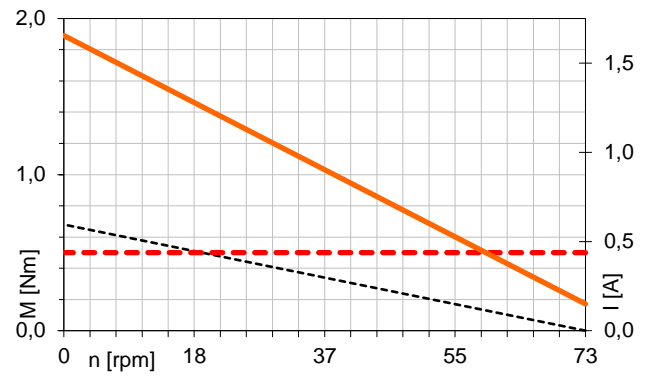
— Motorstrom

Kennlinien (12VDC)

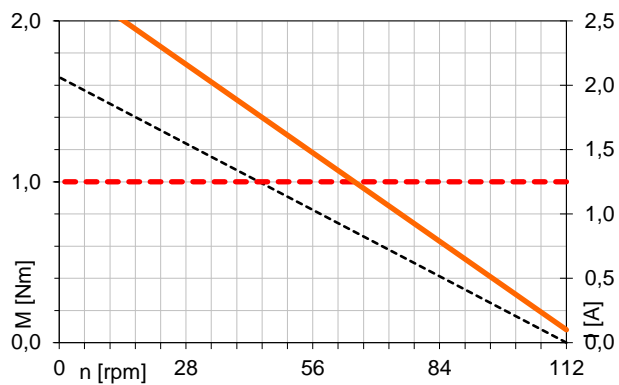
MOT-DC-37-M-A-A



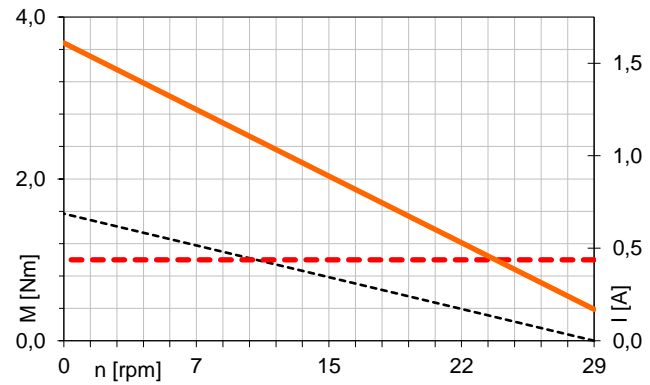
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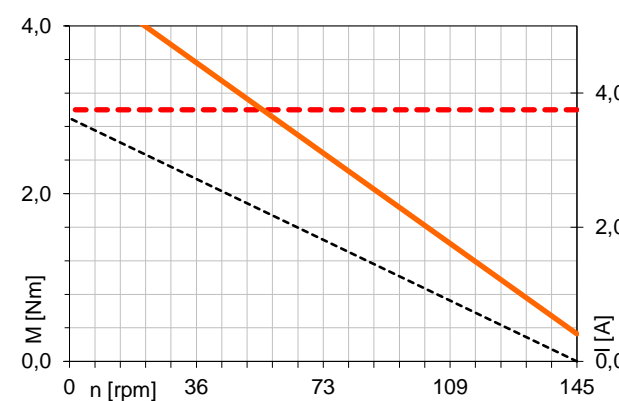
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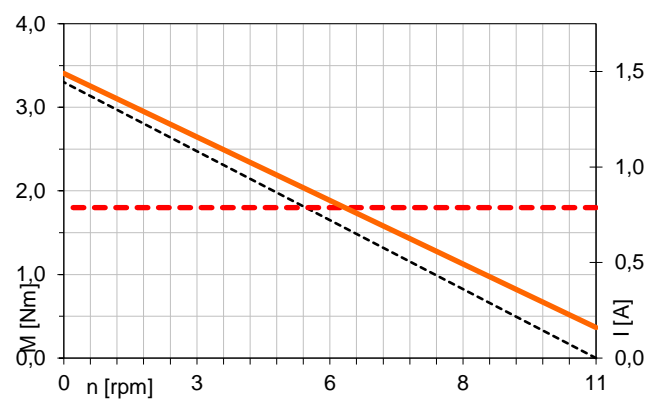
MOT-DC-37-M-A-D



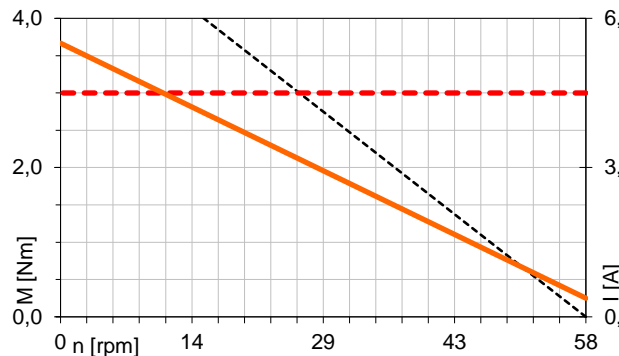
MOT-DC-42-M-A-D



MOT-DC-37-M-A-H



MOT-DC-42-M-A-F



--- Drehmoment

--- max. Dauerdrehmoment

— Motorstrom