



M.G.M. motori elettrici S.p.A.

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# MGM Bremsmotoren Kurzkatalog



Serie BM mit elektromagnetischer Gleichstromscheibenbremse  
 Serie BA mit elektromagnetischer Drehstromscheibenbremse

Motor Type	Baureihe	2-pol. kW	4-pol. kW	8-pol. kW	6-pol. kW
56 A	BM	0.09	0.06		0.04
56 B	BM	0.12	0.09		0.06
63 A	BM	0.18	0.12		
63 B	BM	0.25	0.18		
63 C	BM	0.37	0.22		0.09
63 D	BM	0.45	0.30	0.07	0.12
71 A	BM BA	0.37	0.25	0.08	0.18
71 B	BM BA	0.55	0.37	0.11	0.25
71 C	BM BA	0.75	0.55		
71 D	BM BA		0.65		
80 A	BM BA	0.75	0.55	0.18	0.37
80 B	BM BA	1.1	0.75	0.25	0.55
80 C	BM BA		0.90		
90 SA	BM BA	1.5	1.10	0.37	0.75
90 SB	BM BA				
90 LA	BM BA	2.2	1.50	0.55	1.10
90 LB	BM BA		1.85	0.65	1.30
90 LC	BM BA		2.2		
100 LA	BM BA	3.0	2.2	0.75	1.50
100 LB	BM BA		3.0	1.1	1.85
112 MB	BM BA	4.0	4.0	1.5	2.2
112 MC	BM BA	5.5	5.5		
132 SA	BM BA	5.5			
132 SB	BM BA	7.5	5.5	2.2	3.0
132 MA	BM BA	9.2	7.5		4.0
132 MB	BM BA	11.0	9.2	3.0	5.5
132 MBXBM BA			11.0		
160 MA	BM BA	11.0	9.2	4.0	
160 MB	BM BA	15.0	11.0	5.5	7.5
160 LA	BM BA	18.5	15.0	7.5	9.2
160 LB	BM BA				11.0
180 LA	BA	22.0	18.5		
180 LB	BA		22.0	11.0	15.0
200 LA	BA	30.0		15.0	18.5
200 LB	BA	37.0	30.0		22.0
225 S	BA		37.0		
225 M	BA		45.0	22.0	30.0
225 MX	BA				37.0
250 M	BA		55.0	30.0	37.0
280 S	BA		75.0	37.0	45.0
280 M	BA		90.0	45.0	55.0



## Motorbeschreibung

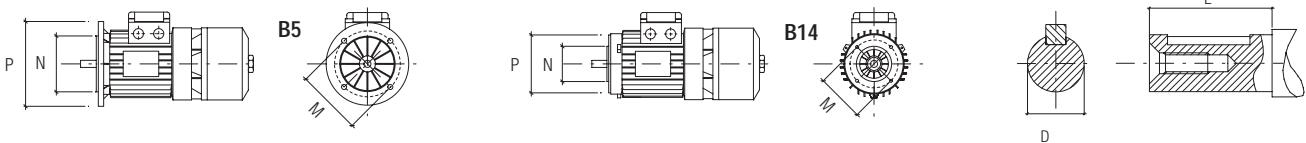
Die nachstehenden technischen Daten identifizieren einen MGM Bremsmotor:

Serie	BM, BA	Beispiel: BA
Baugröße	56 - 280 mm	Beispiel: 71
Leistung u. Pole	0.04 - 90 kW 2 4 6 8 Pole	Beispiel: 0.37 kW 4 Poles oder B 4 siehe techn. Daten
Bauform	siehe Bauformen	Beispiel: IM B5
Spannung u. Frequenz	Auswahl	Beispiel: 230/400V 50 Hz
Bremse	AC or DC Einzel-oder Doppelanschlußkasten	Beispiel: AC Bremse 2. Anschlußkasten für separaten Bremsenschluß
Isolationsklasse	F oder H	Beispiel: Klasse: F
Schutzart	IP54, IP55, IP56	Beispiel: IP 54





Flansch und Wellenmaße

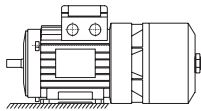


Motorbaugröße	Wellenmaße in mm	Flange typ	Flanschmaße in mm
IEC 56	9x2	B5 (standard)	120/100/80
IEC 56	9x20	B14 (standard)	80/65/50
IEC 63	11x23	B5 (standard)	140/115/95
IEC 63	11x23	B14 (standard)	90/75/60
IEC 63	11x23	B14-R (56)	(80) 90/65/50 ***
IEC 71	14x30	B5 (standard)	160/130/110
IEC 71	14x30	B5-R (56)*	120/100/80
IEC 71	14x30	B5-R/M (63)*	140/115/95
IEC 71	14x30	B5-M	200/165/130
IEC 71	14x30	B14 (standard)	105/85/70
IEC 71	14x30	B14-R	(90) 105/75/60 ***
IEC 80	19x40	B5 (standard)	200/165/130
IEC 80	19x40	B5-R	160/130/110
IEC 80	19x40	B14	120/100/80
IEC 80	19x40	B14-R	(105) 120/85/70 ***
IEC 90	24x50	B5 (standard)	200/165/130
IEC 90	24x50	B5-R	160/130/110
IEC 90	24x50	B14 (standard)	140/115/95
IEC 90	24x50	B14-R	(120) 140/100/80 ***
IEC 100	28x60	B5 (standard)	250/215/180
IEC 100	28x60	B5-R **	200/165/130
IEC 100	28x60	B14 (standard)	160/130/110
IEC 112	28x60	B5 (standard)	250/215/180
IEC 112	28x60	B14 (standard)	160/130/110
IEC 132	38x80	B5 (standard)	300/265/230
IEC 132	38x80	B5-R	250/215/180
IEC 132	38x80	B14 (standard)	200/165/130
IEC 160	42x110	B5 (standard)	350/300/250
IEC 180	48x110	B5 (standard)	350/300/250
IEC 200	55x110	B5 (standard)	400/350/300
IEC 225	60x140 (4/6/8 Poles)	B5 (standard)	450/400/350
IEC 225	55x110 (2 Poles)	B5 (standard)	450/400/350
IEC 250	65x140 (4-6-8 Poles)	B5 (standard)	550/500/450
IEC 280	75x170 (4-6-8 Poles)	B5 (standard)	550/500/450

Motoren in NEMA -Ausführung auf Anfrage lieferbar

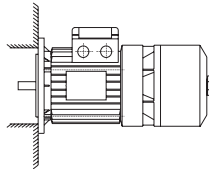
### Montageformen Welle horizontal

IM B3 IM 1001



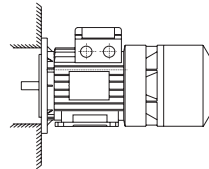
Fußmontage

IM B5 IM 3001



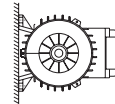
Flanschmontage.

IM B35 IM 2001



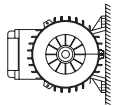
Fuß-u. Flanschmontage.

IM B6 IM 1051



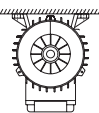
Fußmotage links

IM B7 IM 1061



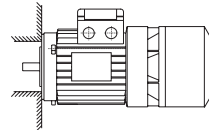
Fußmontage rechts

IM B8 IM 1071



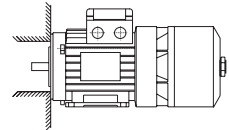
Fußmontage oben

IM B14 IM 3601



Flanschmontage

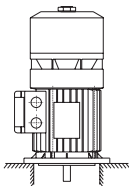
IM B34 IM 2101



Fuß-u. Flanschmontage

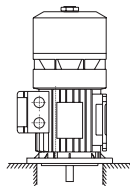
### Montageformen Welle senkrecht

IM V1 IM 3011



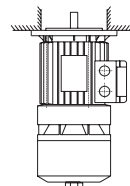
Flanschmontage.

IM V15 IM 2011



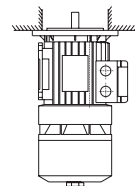
Fuß u. Flanschmontage.

IM V3 IM 3031



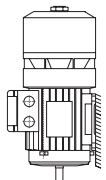
Flanschmontage.

IM V36 IM 2031



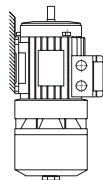
Fuß u. Flanschmontage

IM V5 IM 1011



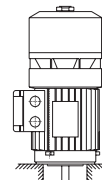
Fußmontage

IM V6 IM 1031



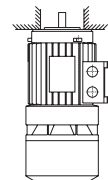
Fußmontage

IM V18 IM 3611



Flanschmontage

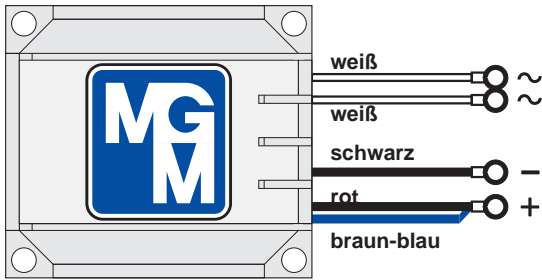
IM V19 M 3631



Flanschmontage

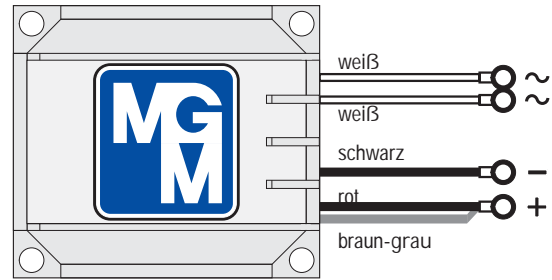
Motoren mit Gleichstrombremse (DC) sind standardmäßig mit einem Gleichrichter im Anschlußkasten ausgerüstet. Die Gleichrichter beinhalten einen Überspannungsschutz und eine EMV-Beschaltung.

**Type C110**



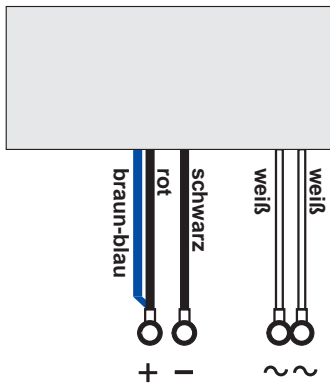
Farbe der Vergußmasse: grün  
Eingang: 110VAC Ausgang: 103 VDC  
Brückengleichrichter

**Type C230**



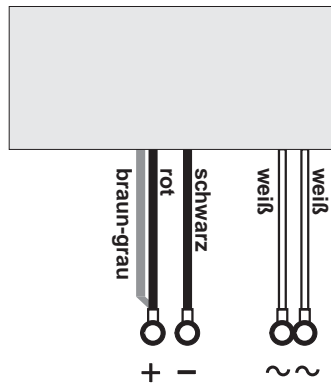
Farbe der Vergußmasse: blau  
Eingang: 230VAC Ausgang: 103VDC  
Einweggleichrichter

**Type Q110**



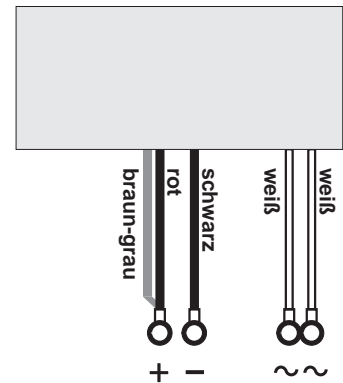
Farbe der Vergußmasse: grün  
Eingang: 110VAC Ausgang: 103VDC  
Brückengleichrichter

**Type Q230**



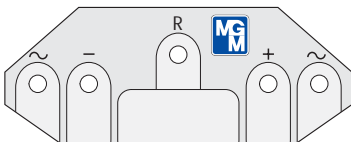
Farbe der Vergußmasse: blau  
Eingang: 230VAC Ausgang: 103 VDC  
Einweggleichrichter

**Type Q400**



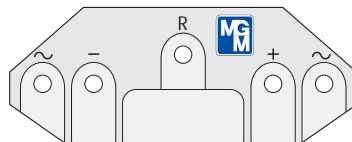
Farbe der Vergußmasse: gelb  
Eingang: 400VAC Ausgang: 180VDC  
Einweggleichrichter

**Type M110**



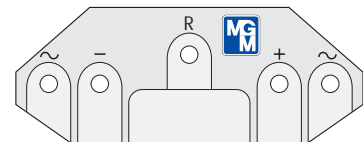
Farbe der Vergußmasse: grün  
Eingang: 110VAC Ausgang: 103 VDC  
Brückengleichrichter

**Type M230**



Farbe der Vergußmasse: blau  
Eingang: 230VAC Ausgang: 103 VDC  
Einweggleichrichter

**Type M400**



Farbe der Vergußmasse: gelb  
Eingang: 400VAC Ausgang: 180VDC  
Einweggleichrichter

Alle MGM Bremsmotoren sind für den Betrieb mit Frequenzumrichter (Inverter) geeignet.





# Technische Daten Serie "BA"

Motor Typ	Leistung				T <sub>n</sub>			AC			max. Bremsmoment			Gewicht Kg
	kW	U <sub>pm</sub>	I <sub>n/400V</sub> A	cos. Ph	Nm	T <sub>s</sub> /T <sub>n</sub>	I <sub>s</sub> /I <sub>n</sub>	Bremse mA		Nm				
<b>2 polig</b>													↓	<b>3000 Upm</b>
BA 71 A2	0.37	2810	0.90	0.78	1.26	2.6	4.5	90	110	6000	4.88	14	59	9.5
BA 71 B2	0.55	2810	1.40	0.78	1.87	2.6	4.5	90	110	6000	5.48	14	59	10.5
BA 71 C2 *	0.75	2810	1.8	0.80	2.55	2.5	4.5	90	110	5000	6.15	14	59	11.0
BA 80 A2	0.75	2800	1.7	0.86	2.56	3.1	5.3	140	150	6000	11.64	18	65	14.5
BA 80 B2	1.1	2800	2.4	0.86	3.75	3.1	5.3	140	150	6000	12.96	18	65	15.5
BA 90 SA2	1.5	2850	3.2	0.86	5.03	3.0	6.9	300	150	4500	18.95	38	72	20.0
BA 90 LA2	2.2	2840	4.5	0.86	7.40	3.0	6.9	300	150	4500	21.84	38	72	22.5
BA 100 LA2	3.0	2900	6.3	0.81	9.88	2.2	7.6	300	150	2800	39.82	50	74	30.0
BA 112 MB2	4.0	2880	8.1	0.84	13.26	2.5	7.4	280	470	1700	68.96	80	75	44
BA 112 MC2*	5.5	2880	11.4	0.85	18.24	2.5	7.4	280	470	1400	85.00	80	75	48
BA 132 SA2	5.5	2890	10.8	0.86	18.17	2.8	7.4	580	680	480	192.0	150	75	71
BA 132 SB2	7.5	2890	14.6	0.85	24.78	2.8	7.4	580	680	480	231.0	150	75	77
BA 132 MA2 *	9.2	2890	17.9	0.85	30.40	2.8	7.4	580	680	420	270.0	150	75	83
BA 132 MB2 *	11.0	2890	21.4	0.85	36.35	2.8	7.4	580	680	400	308.0	150	75	90
BA 160 MA2	11.0	2920	19.5	0.94	35.98	3.0	8.6	1390	860	350	537.0	190	77	160
BA 160 MB2	15.0	2930	26.3	0.93	48.89	3.1	8.8	1390	860	350	537.0	190	77	160
BA 160 LA2	18.5	2930	32.4	0.93	60.30	3.1	8.8	1390	860	350	616.0	190	77	171
BA 180 LA2	22.0	2950	36.7	0.95	71.22	2.7	9.0	950	1100	120	1150.0	300	78	243
BA 200 LA2	30.0	2940	52.0	0.94	97.45	2.8	9.0	950	1100	90	1160.0	300	79	274
BA 200 LB2	37.0	2940	64.1	0.93	120.19	2.8	9.0	950	1100	90	1290.0	300	79	289
<b>4 polig</b>														<b>1500 Upm</b>
BA 71 A4	0.25	1400	0.8	0.65	1.71	2.5	3.7	90	110	20000	7.20	14	45	9.5
BA 71 B4	0.37	1400	1.10	0.68	2.52	2.7	3.9	90	110	19000	8.10	14	45	10.5
BA 71 C4 *	0.55	1360	1.65	0.70	3.86	2.4	3.7	90	110	18000	9.43	14	45	11.5
BA 71 D4 *	0.65	1350	2.00	0.69	4.60	2.1	3.7	90	110	16000	9.92	14	45	12.0
BA 80 A4	0.55	1400	1.70	0.69	3.75	2.1	4.0	140	150	10000	14.97	18	47	14.0
BA 80 B4	0.75	1400	2.20	0.67	5.12	2.5	4.3	140	150	10000	17.19	18	47	15.0
BA 80 C4 *	0.9	1390	2.60	0.67	6.18	2.8	4.5	140	150	10000	18.30	18	47	16.0
BA 90 SA4	1.1	1400	2.7	0.77	7.50	2.3	4.6	300	150	15000	26.15	38	55	20.0
BA 90 LA4	1.5	1400	3.6	0.75	10.23	2.7	4.8	300	150	12000	30.53	38	55	22.5
BA 90 LB4 *	1.85	1400	4.3	0.77	12.62	2.7	5.8	300	150	9000	34.57	38	55	24.0
BA 90 LC4 *	2.2	1390	5.4	0.75	15.12	2.7	5.0	300	150	7000	34.57	38	55	24.0
BA 100 LA4	2.2	1410	5.0	0.78	14.90	2.5	5.4	300	150	8000	51.14	50	57	32
BA 100 LB4	3.0	1410	6.5	0.80	20.32	2.8	6.4	300	150	7000	60.07	50	57	36
BA 112 MB4	4.0	1415	8.1	0.84	27.00	2.6	6.4	280	470	4000	125.7	80	61	45
BA 112 MC4*	5.5	1420	11.5	0.83	36.99	2.8	6.9	280	470	3500	145.0	80	61	50
BA 132 SB4	5.5	1430	11.3	0.82	36.73	2.4	6.0	580	680	1200	277.0	150	62	78
BA 132 MA4	7.5	1435	14.8	0.84	49.91	2.4	6.0	580	680	950	352.0	150	62	87
BA 132 MB4 *	9.2	1445	18.3	0.85	60.80	2.5	6.3	580	680	900	432.0	150	62	100
BA 132 MBX4	11.0	1440	21.7	0.86	72.95	2.5	6.0	580	680	800	432.0	150	62	100
BA 160 MA4	9.2	1460	18.6	0.84	60.18	3.0	7.0	1390	860	850	604.0	190	63	148
BA 160 MB4	11.0	1460	21.2	0.85	71.95	2.9	7.0	1390	860	850	683.0	190	63	154
BA 160 LA4	15.0	1460	28.5	0.87	98.12	2.7	7.0	1390	860	850	858.0	190	63	171
BA 180 LA4	18.5	1460	33.7	0.89	121.01	2.9	8.0	950	1100	540	1740.0	300	64	243.0
BA 180 LB4	22.0	1460	41.8	0.85	143.90	2.5	7.6	950	1100	540	1740.0	300	64	243.0
BA 200 LB4	30.0	1455	56.5	0.87	196.91	2.5	7.4	950	1100	300	1980.0	300	66	274.0
BA 225 S4	37.0	1475	68.1	0.85	239.56	2.5	7.9	1350	1500	300	4470.0	400	68	392.0
BA 225 M4	45.0	1475	82.6	0.85	291.36	2.5	7.9	1350	1500	300	5140.0	400	68	440.0
BA 250 M4	55.0	1470	100	0.85	357.00	3.5	8.8	2000	-	120	7690.0	700	70	665.0
BA 280 S4	75.0	1480	132	0.86	487.00	2.8	8.0	2000	-	100	8390.0	1000	70	770.0
BA 280 M4	90.0	1470	157	0.88	584.00	2.7	7.5	2000	-	100	8890.0	1000	70	810.0

\* Non Standard Power



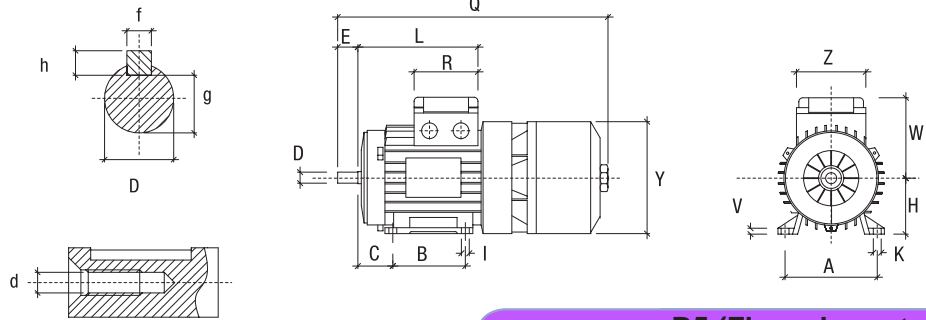
## Maße Serie "BA"

Größe	71	80	90S	90L	100L	112M	132S	132M	160M	160L	180L	200L	225S	225M	250M	280S	280M
<b>A</b>	112	125	140	140	160	190	216	216	254	254	279	318	356	356	406	457	457
<b>B</b>	90	100	100	125	140	140	140	178	210	254	279	305	286	311	349	368	419
<b>C</b>	45	50	56	56	63	70	89	89	108	108	121	133	149	149	168	190	190
<b>D*</b>	14	19	24	24	28	28	38	38	42	42	48	55	60	60	65	65	75
<b>d</b>	M5	M6	M8	M8	M10	M10	M12	M12	M16	M16	M16	M16	M16	M16	M20	M20	M20
<b>E*</b>	30	40	50	50	60	60	80	80	110	110	110	110	140	140	140	140	140
<b>Fa</b>	9.5	11.5	11.5	11.5	14.5	14.5	14.5	14.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
<b>Fb</b>	M6	M6	M8	M8	M8	M8	M10	M10									
<b>f</b>	5	6	8	8	8	8	10	10	12	12	14	16	18	18	18	18	20
<b>g</b>	11	15.5	20	20	24	24	33	33	37	37	42.5	49	53	53	53	58	67.5
<b>H</b>	71	80	90	90	100	112	132	132	160	160	180	200	225	225	250	280	280
<b>h</b>	5	6	7	7	7	7	8	8	8	8	9	10	11	11	11	11	12
<b>I</b>	7	10	10	10	12	12	12	12	14.5	14.5	15	18.5	18	18	22	24	24
<b>K</b>	10.5	14	14	14	16	16	22	22	24	24	24	30	33	33	33	24	24
<b>L</b>	148	162	171	196	217	229											
<b>L1</b>	184	194	207	232	254	262	294	339	373	395	420	446	440	440	436	436	436
<b>Ma</b>	130	165	165	165	215	215	265	265	300	300	300	350	400	400	500	500	500
<b>Mb</b>	85	100	115	115	130	130	165	165									
<b>Na</b>	110	130	130	130	180	180	230	230	250	250	250	300	350	350	450	450	450
<b>Nb</b>	70	80	95	95	110	110	130	130									
<b>Oa</b>	3.5	3.5	3.5	3.5	4	4	4	4	5	5	5	5	5	5	5	5	5
<b>Ob</b>	2.5	3	3	3	3.5	3.5	3.5	3.5									
<b>Pa</b>	160	200	200	200	250	250	300	300	350	350	350	400	450	450	550	550	550
<b>Pb</b>	105	120	140	140	160	160	200	200									
<b>Q</b>	344	380	412	436	487	505	600	640	745	789	865	890	995	1000	1155	1155	1210
<b>QBAF-BAP</b>	368	403	436	460	511	531	634	672	765	809	907	932	1014	1035			
<b>R</b>	80	80	98.5	98.5	98.5	98.5											
<b>R1</b>	135	135	170	170	170	170	199	199	268	268	268	268	327	327	327	327	327
<b>S</b>	10	12	12	12	14	14	15	15	15	15	15	15	20	20	18	18	18
<b>V</b>	8	9.5	10.5	10.5	12.5	13.5	16	16	21	21	24	24	32	32	32	40	40
<b>W</b>	105	113	127	127	138	158			165	165	188	188	224	224	252	252	252
<b>W1</b>	121	130	148	148	162	176	215	215	246	246	266	266	341	341	361	361	361
<b>Y</b>	145	160	180	180	196	218	265	265	324	324	357	357	430	430	493	493	493
<b>Z</b>	75	75	98.5	98.5	98.5	98.5											
<b>Z1</b>	86	86	112	112	112	112	151	151	167	167	167	167	202	202	202	202	202

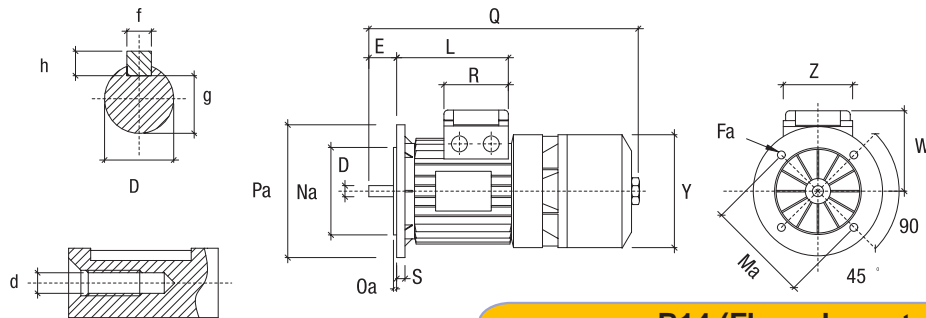
\* 225S-225M 2 pole D=55 E=110, 250M 2 pole D=160 E=140, 280S-280M 2 pole D=65 E=140



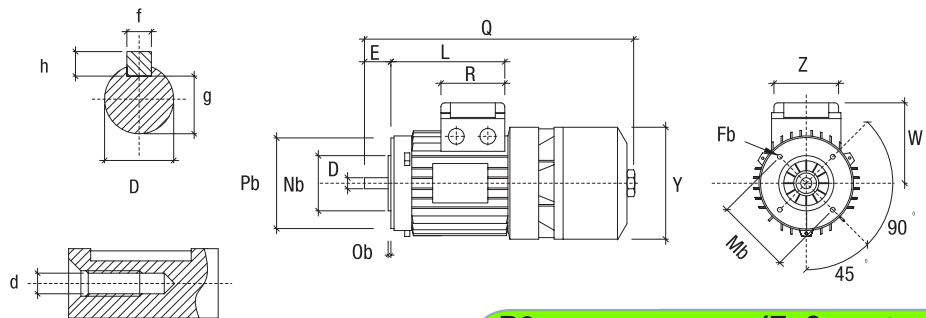
**B3 (Fußmontage)**



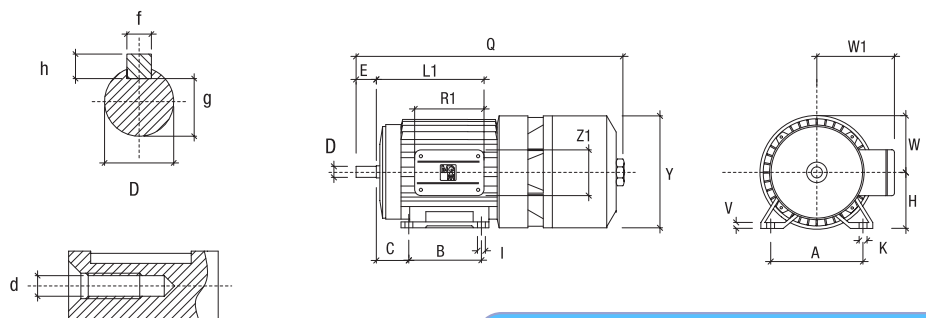
**B5 (Flanschmontage)**



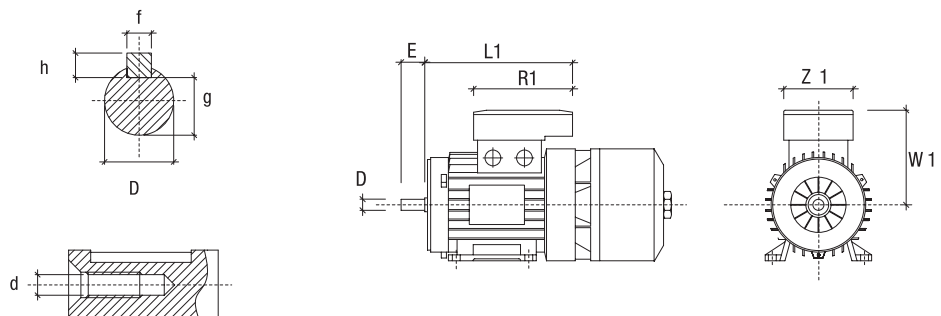
**B14 (Flanschmontage)**



**B3 Baugröße 160-280 (Fußmontage)**



**Doppelter Anschlußkasten**





# Technische Daten Serie "BM"

Motor Typ	Leistung kW	Upm	In/400V A	cos.ϕ	T <sub>n</sub> Nm	T <sub>s</sub> /T <sub>n</sub>	Is/In	DC Bremse mA			max. Bremsmoment Nm		Gewicht Kg
<b>2polig</b>											↓	<b>3000 Upm</b>	
BM 56 A2	0.09	2820	0.38	0.60	0.30	3.0	3.8	130	10000	1.85	2	58	4.0
BM 56 B2	0.12	2760	0.40	0.69	0.42	3.0	3.8	130	10000	1.85	2	58	4.0
BM 63 A2	0.18	2800	0.60	0.71	0.61	3.0	3.5	200	9000	1.93	5	59	4.5
BM 63 B2	0.25	2800	0.75	0.76	0.85	3.5	5.0	200	7500	1.93	5	59	5.0
BM 63 C2*	0.37	2760	1.00	0.80	1.26	2.5	3.8	200	6000	2.30	5	59	5.5
BM 71 A2	0.37	2810	0.90	0.78	1.26	2.6	4.5	200	4150	3.35	5	59	7
BM 71 B2	0.55	2810	1.40	0.78	1.87	2.6	4.5	200	4150	3.95	5	59	8
BM 71 C2*	0.75	2810	1.80	0.80	2.55	2.5	4.5	200	3100	4.62	5	59	9
BM 80 A2	0.75	2800	1.70	0.86	2.56	3.1	5.3	160	3100	7.29	10	65	12
BM 80 B2	1.1	2800	2.40	0.86	3.75	3.1	5.3	160	3100	8.61	10	65	13
BM 90 SA2	1.5	2850	3.20	0.86	5.03	3.0	6.9	190	2550	14.54	20	72	17
BM 90 LA2	2.2	2840	4.50	0.86	7.40	3.0	6.9	190	2550	17.43	20	72	19
BM 100 LA2	3.0	2860	6.20	0.84	10.02	3.2	8.1	250	1850	33.18	40	74	23
BM 112 MB2	4.0	2880	8.10	0.84	13.26	2.5	7.4	470	1100	67.89	60	75	38
BM 112 MC2*	5.5	2880	11.40	0.85	18.24	2.5	7.4	470	900	83.70	60	75	40
BM 132 SA2	5.5	2890	10.8	0.86	18.17	2.8	7.4	600	350	150.90	100	75	59
BM 132 SB2	7.5	2890	14.6	0.85	24.78	2.8	7.4	600	350	189.90	100	75	65
BM 132 MA2*	9.2	2890	17.9	0.85	30.40	2.8	7.4	600	300	229.70	100	75	71
BM 132 MB2*	11.0	2890	21.4	0.85	36.35	2.8	7.4	600	300	267.70	100	75	78
BM 160 MA2	11.0	2920	19.5	0.94	35.98	3.0	8.8	700	250	461.00	150	77	142
BM 160 MB2	15.0	2930	26.3	0.93	48.89	3.1	8.8	700	250	461.00	150	77	142
BM 160 LA2	18.5	2930	32.4	0.93	60.30	3.1	8.8	700	250	540.00	150	77	153
<b>4 polig</b>												<b>1500 Upm</b>	
BM 56 A4	0.06	1390	0.40	0.48	0.41	3.0	2.2	130	12000	1.85	2	41	4.0
BM 56 B4*	0.09	1320	0.41	0.61	0.65	3.0	2.2	130	12000	1.85	2	41	4.0
BM 56 C4	0.12	1320	0.55	0.61	0.87	3.0	2.2	130	12000	1.85	2	41	4.0
BM 63 A4	0.12	1330	0.45	0.70	0.86	2.0	2.4	200	12000	2.47	5	42	4.5
BM 63 B4	0.18	1350	0.60	0.71	1.27	3.0	2.8	200	12000	3.08	5	42	5.0
BM 63 C4*	0.22	1350	0.75	0.66	1.56	2.8	3.1	200	12000	3.55	5	42	5.5
BM 63 D4*	0.30	1350	1.05	0.64	2.12	2.8	3.0	200	12000	3.83	5	42	6.0
BM 71 A4	0.25	1400	0.80	0.65	1.71	2.5	3.7	200	10300	5.67	5	45	7.0
BM 71 B4	0.37	1400	1.10	0.68	2.52	2.7	3.9	200	10300	6.57	5	45	8.0
BM 71 C4*	0.55	1360	1.65	0.70	3.86	2.4	3.7	200	8150	7.90	5	45	9.0
BM 71 D4*	0.65	1350	2.00	0.69	4.60	2.1	3.7	200	8150	8.39	5	45	9.5
BM 80 A4	0.55	1400	1.70	0.69	3.75	2.1	4.0	160	8150	10.62	10	47	12.0
BM 80 B4	0.75	1400	2.20	0.67	5.12	2.5	4.3	160	7250	12.84	10	47	13.0
BM 80 C4*	0.90	1390	2.60	0.68	6.18	2.8	4.5	160	5150	13.95	10	47	14.0
BM 90 SA4	1.10	1400	2.70	0.77	7.50	2.3	4.6	190	5150	21.74	20	55	16.5
BM 90 LA4	1.50	1400	3.60	0.75	10.23	2.7	4.8	190	4100	26.12	20	55	19.0
BM 90 LB4*	1.85	1400	4.30	0.77	12.62	2.7	5.8	190	4100	30.16	20	55	21.5
BM 90 LC4*	2.2	1390	5.40	0.75	15.12	2.7	5.0	190	4100	30.16	20	55	21.5
BM 100 LA4	2.2	1410	5.00	0.78	14.90	2.5	5.4	250	3300	44.50	40	57	25
BM 100 LB4	3.0	1410	6.50	0.80	20.32	2.8	6.4	250	3300	53.43	40	57	29
BM 112 MB4	4.0	1415	8.10	0.84	27.00	2.6	6.4	470	1600	133.50	60	61	39
BM 112 MC4*	5.5	1420	11.50	0.83	36.99	2.8	6.9	470	1100	155.00	60	61	44
BM 132 SB4	5.5	1430	11.30	0.82	36.73	2.4	6.0	600	500	235.90	100	62	66
BM 132 MA4	7.5	1435	14.80	0.84	49.91	2.4	6.0	600	400	310.90	100	62	75
BM 132 MB4*	9.2	1445	18.30	0.85	60.80	2.5	6.3	600	400	391.30	100	62	88
BM 132 MBX4*	11.0	1440	21.70	0.86	72.95	2.5	6.0	600	400	391.30	100	62	88
BM 160 MA4	9.2	1460	18.60	0.84	60.18	3.0	7.0	700	370	531.00	150	63	130
BM 160 MB4	11.0	1460	21.20	0.85	71.95	2.9	7.0	700	370	607.00	150	63	136
BM 160 LA4	15.0	1460	28.50	0.87	98.12	2.7	7.0	700	370	782.00	150	63	153

\* Non Standard Power

# Technische Daten Serie "BM"



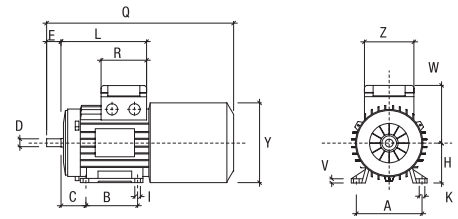
Motor Typ	Leistung kW	U <sub>pm</sub>	I <sub>n/400V</sub> A	cos.Ph	T <sub>n</sub> Nm	T <sub>s</sub> /T <sub>n</sub>	I <sub>s</sub> /I <sub>n</sub>	DC Bremse mA			max. Bremsmoment Nm		Gewicht Kg
<b>6 polig</b>											↓	<b>1000 U<sub>pm</sub></b>	
BM 56 B6	0.06	850	0.45	0.71	0.67	1.9	1.5	130	12000	1.85	2	41	4.0
BM 63 C6	0.09	890	0.50	0.56	0.97	2.4	1.9	200	12000	3.55	5	42	5.5
BM 63 D6	0.12	870	0.60	0.60	1.32	2.7	1.9	200	12000	3.83	5	42	6.0
BM 71 A6	0.18	875	0.60	0.71	1.96	2.0	2.6	200	11500	8.55	5	45	7.5
BM 71 B6	0.25	900	0.80	0.71	2.65	2.0	2.8	200	11500	10.01	5	45	8.0
BM 80 A6	0.37	910	1.25	0.67	3.88	2.6	3.4	160	9700	19.05	10	47	12.0
BM 80 B6	0.55	900	1.80	0.68	5.84	2.2	2.8	160	9250	22.86	10	47	13.0
BM 90 SA6	0.75	910	2.30	0.68	7.87	2.1	3.5	190	7300	31.52	20	54	16.0
BM 90 LA6	1.10	910	3.20	0.68	11.54	2.2	3.6	190	5400	41.67	20	54	18.5
BM 90 LB6*	1.30	910	3.90	0.68	13.64	2.5	4.0	190	4300	48.10	20	54	20.5
BM 100 LA6	1.50	930	3.90	0.71	15.40	2.3	4.3	250	3650	80.76	40	56	26
BM 100 LB6	1.85	920	5.00	0.68	19.20	2.6	4.5	250	3200	92.55	40	56	28
BM 112 MB6	2.20	945	5.20	0.79	22.23	2.0	5.3	470	2100	200.60	60	58	39
BM 132 SB6	3.00	960	7.20	0.72	29.84	2.5	6.5	600	650	304.90	100	58	66
BM 132 MA6	4.00	960	9.50	0.72	39.79	2.3	6.5	600	550	360.70	100	58	71
BM 132 MB6	5.50	960	12.30	0.75	54.71	2.3	6.5	600	550	467.70	100	58	82
BM 160 MB6	7.50	965	15.90	0.79	74.22	2.2	7.1	700	550	867.00	150	59	138
BM 160 LA6*	9.20	970	18.30	0.81	90.58	2.2	7.1	700	500	1160.00	150	59	156
BM 160 LB6	11.00	970	22.70	0.80	108.30	2.5	7.5	700	440	1160.00	150	59	156
<b>8 polig</b>												<b>750 U<sub>pm</sub></b>	
BM 63 D8	0.07	650	0.45	0.62	1.03	2.2	1.55	200	15000	3.83	5	42	6.0
BM 71 A8	0.08	660	0.60	0.53	1.16	2.0	2.0	200	8750	5.67	5	43	7.5
BM 71 B8	0.11	660	0.80	0.55	1.59	2.0	2.0	200	8750	6.57	5	43	8.0
BM 80 A8	0.18	675	0.95	0.59	2.55	2.0	2.2	160	8150	19.05	10	45	12.0
BM 80 B8	0.25	675	1.25	0.62	3.54	2.0	2.2	160	7250	22.86	10	45	13.0
BM 90 SA8	0.37	690	1.50	0.60	5.12	2.1	2.9	190	7000	31.52	20	46	16.5
BM 90 LA8	0.55	690	2.20	0.56	7.61	2.1	2.8	190	5400	41.67	20	46	19
BM 90 LB8*	0.65	690	2.70	0.56	9.00	2.1	2.8	190	4400	48.00	20	46	21
BM 100 LA8	0.75	700	2.75	0.58	10.23	2.1	3.0	250	3850	80.76	40	49	26
BM 100 LB8	1.1	700	4.10	0.59	15.01	2.5	4.0	250	3600	92.55	40	49	28
BM 112 MB8	1.5	705	4.90	0.60	20.32	2.0	4.5	470	2500	200.60	60	52	39
BM 132 SB8	2.2	700	5.20	0.75	30.01	2.1	4.7	600	700	283.90	100	55	61
BM 132 MB8	3.0	700	7.10	0.75	40.93	2.1	4.7	600	700	372.70	100	55	68
BM 160 MA8	4.0	725	9.60	0.72	52.69	2.3	6.5	700	630	959.00	150	58	138
BM 160 MB8	5.5	725	13.60	0.70	72.45	2.3	6.1	700	630	959.00	150	58	138
BM 160 LA8	7.5	725	18.60	0.70	98.79	2.3	6.1	700	630	1280.00	150	58	156

\* Non Standard Power

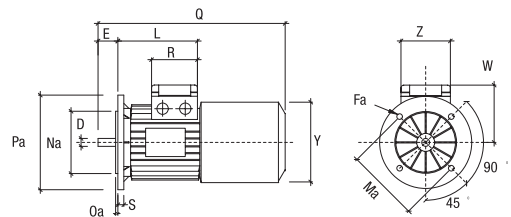
**Größe** 56 63 71 80 90S 90L 100L 112M 132S 132M 160M 160L

<b>A</b>	90	100	112	125	140	140	160	190	216	216	254	254
<b>B</b>	71	80	90	100	100	125	140	140	140	178	210	254
<b>C</b>	36	40	45	50	56	56	63	70	89	89	108	108
<b>D</b>	9	11	14	19	24	24	28	28	38	38	42	42
<b>d</b>	M3	M4	M5	M6	M8	M8	M10	M10	M12	M12	M16	M16
<b>E</b>	20	23	30	40	50	50	60	60	80	80	110	110
<b>Fa</b>	6.6	9.5	9.5	11.5	11.5	11.5	14.5	14.5	14.5	14.5	18.5	18.5
<b>Fb</b>	M5	M5	M6	M6	M8	M8	M8	M8	M10	M10		
<b>f</b>	3	4	5	6	8	8	8	8	10	10	12	12
<b>g</b>	7.2	8.5	11	15.5	20	20	24	24	33	33	37	37
<b>H</b>	56	63	71	80	90	90	100	112	132	132	160	160
<b>h</b>	3	4	5	6	7	7	7	7	8	8	8	8
<b>I</b>	6	7	7	10	10	10	12	12	12	12	14.5	14.5
<b>K</b>	11	10.5	10.5	14	14	14	16	16	22	22	24	24
<b>L</b>	99	130	145	162	171	196	217	229	255	293		
<b>L 1</b>		166	182	194	207	232	254	262	294	339	373	395
<b>Ma</b>	100	115	130	165	165	165	215	215	265	265	300	300
<b>Mb</b>	65	75	85	100	115	115	130	130	165	165		
<b>Na</b>	80	95	110	130	130	130	180	180	230	230	250	250
<b>Nb</b>	50	60	70	80	95	95	110	110	130	130		
<b>Oa</b>	3	3	3.5	3.5	3.5	3.5	4	4	4	4	5	5
<b>Ob</b>	2.5	2.5	2.5	3	3	3	3.5	3.5	3.5	3.5		
<b>Pa</b>	120	140	160	200	200	200	250	250	300	300	350	350
<b>Pb</b>	80	90	105	120	140	140	160	160	200	200		
<b>Q</b>	230	260	295	334	360	385	435	470	565	604	716	760
<b>R</b>	75	80	80	80	98.5	98.5	98.5	98.5	108	108		
<b>R1</b>		135	135	135	170	170	170	170	199	199	268	268
<b>S</b>	8	10	10	12	12	12	14	14	15	15	15	15
<b>V</b>	7	7	8	9.5	10.5	10.5	12.5	13.5	16	16	21	21
<b>W</b>	93	97	105	113	127	127	138	158	198	198	155	155
<b>W 1</b>		111	121	130	148	148	162	176	210	210	246	246
<b>Y</b>	110	121	136	153	178	178	198	219.5	255	255	293	293
<b>Z</b>	75	75	75	75	98.5	98.5	98.5	98.5	108	108		
<b>Z 1</b>		86	86	86	112	112	112	112	151	151	167	167

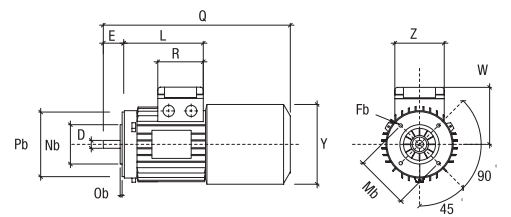
**B3 (Fußmontage)**



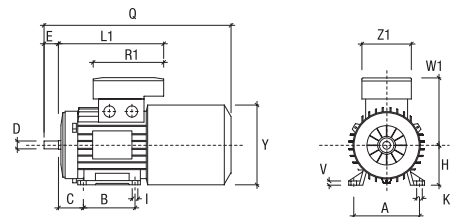
**B5 (Flanschmontage)**



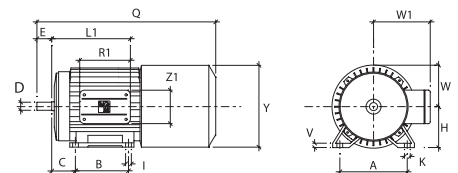
**B14 (Flanschmontage)**



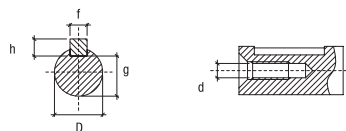
**Doppelter Anschlußkasten**



**B3 Größe 160 (Fußmontage)**



**Wellenende**



**Note**

**Kabelverschraubungen: M 16 bei Größe 56 bis 63  
 M 20 bei Größe 71 bis 80  
 M 25 bei Größe 90 bis 112  
 M 32 bei Größe 132  
 PG 29 bei Größe 160**