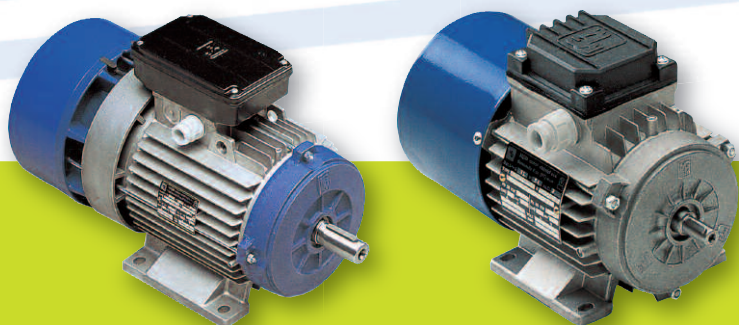






ENGLISH

BA-BAX SERIES

- Brake Motors
- IEC Metric Motors from 71 to 315 frame size
- Totally Enclosed Fan Cooled (TEFC)
- IP 54 enclosure (IP55 on request)
- F class insulation
- BAX Series comply with IE3 (Premium) efficiency class
- 3-230/400V 50Hz (different voltages on request)
- AC and DC Brake
- Very high brake torque
- Heavy Duty Cycle
- Low Maintenance
- Aluminum frame up to 132 frame size, cast iron frame from 160 to 315 frame size
- Cast iron flanges starting from 100 frame size
- Motors with NEMA dimensioned shafts and flanges available
- Manual brake release screw
- Hex hole on nondrive shaft end for manual rotation (on request starting from 160 frame size)
- **CE** mark
- cCSAus **CS** mark (on request)
- CCC mark (on request)
- EAC declaration (on request)

BM-BMX SERIES

- Brake Motors
- IEC Metric Motors frame from 56 to 225 frame size
- Totally Enclosed Fan Cooled (TEFC)

- IP 54 enclosure (IP55 on request)
- F class insulation
- BMX Series comply with IE3 (Premium) efficiency class
- 3-230/400V 50Hz (different voltages on request)
- DC Brake
- Low noise brake
- Aluminum frame up to 132 frame size, 160 frame size in cast iron
- Cast iron flange starting from 100 frame size
- Motors with NEMA dimensioned shafts and flanges available
- **CE** mark
- cCSAus **CS** mark (on request)
- CCC mark (on request)
- EAC declaration (on request)

Brake motors application

Any application requiring quick start and stop; machine tools, conveyors, palletizers, packaging machinery, textile machinery, TV-cine studios and theatre's stages, cranes, ceramic and tile machinery, wood machinery, indexing table, automatic door.

BA and BM series motors are also available with the following options:

- High moment of inertia Flywheel for traversing -PV (BAPV, BMPV series)
- -PK, -K (BAPK, BAK series) for hoisting applications
- Forced Cooling -SV, -AV (BASV, BMAV series)
- Built-in Encoder -E (BAE, BME series)
- -BM (BMBM series) lifting applications where there are high demands of safety and quiet (for TV-cine studios and theatre's stages)

Please refer to MGM general catalog for further technical details

ITALIANO

SERIE BA-BAX

- Motori autofrenanti
- Altezza d'asse compresa tra 71 e 315 mm
- Motori chiusi con ventilazione esterna (TEFC)
- Grado di protezione IP54 (su richiesta IP55)
- Classe d'isolamento F
- Classe di efficienza IE3 (serie BAX)
- Freno AC oppure DC
- Coppia frenante regolabile con continuità fino a valori molto elevati
- Idonei per servizi gravosi
- Bassa manutenzione
- Carcassa in alluminio per motori con altezza d'asse fino a 132 mm, in ghisa per altezza d'asse da 160 mm a 315 mm
- Flange in ghisa per motori con altezza d'asse a partire da 100 mm
- Disponibili flange e alberi con dimensioni NEMA
- Vite di sblocco manuale del freno di serie
- Foro esagonale sull'albero per la rotazione manuale (su richiesta a partire dall'altezza d'asse 160)
- Marcatura **CE**
- Omologazione cCSAus (marcatura **CS**) su richiesta
- Omologazione CCC (su richiesta)
- Dichiarazione EAC (su richiesta)

SERIE BM-BMX

- Motori autofrenanti
- Altezza d'asse compresa tra 56 e 225 mm
- Motori chiusi con ventilazione esterna (TEFC)
- Grado di protezione IP54 (su richiesta IP55)

- Classe d'isolamento F
- Classe di efficienza IE3 (serie BMX)
- Freno DC
- Freno silenzioso
- Carcassa in alluminio per motori con altezza d'asse fino a 132 mm, in ghisa per motori con altezza d'asse 160 mm
- Flange in ghisa per motori con altezza d'asse a partire da 100 mm
- Disponibili flange e alberi con dimensioni NEMA
- Marcatura **CE**
- Omologazione cCSAus (marcatura **CS**) su richiesta
- Omologazione CCC (su richiesta)
- Dichiarazione EAC (su richiesta)

Applicazioni dei motori autofrenanti

Qualsiasi applicazione che preveda frequenti e rapidi avviamenti e arresti; macchine utensili; nastri trasportatori, macchine per l'industria alimentare e del confezionamento, macchine tessili; impianti per l'industria ceramica e dei laterizi, macchine per lavorazione del legno e della carta, carri ponte, tavole rotanti, porte automatiche, macchinari per le movimentazioni sceniche (nei teatri e studi televisivi).

I motori della serie BA, BM sono inoltre disponibili con le seguenti accessori/varianti:

- -PV (serie BAPV, BMPV) motori provvisti di un volano con elevato movimento d'inerzia per movimenti di traslazione con avviamenti e frenate dolci.
- -PK, -K (serie BAPK, BAK) motori per sollevamento
- -SV, -AV (serie BASV, BMAV) motori con servoventilazione.
- -E (serie BAE, BME) motori con encoder integrato.
- -BM (serie BMBM) motori con doppio gruppo freno.

Per ulteriori informazioni riferirsi al catalogo generale

DEUTSCH

SERIE BA-BAX

- Bremsmotoren
- Metrische Motoren mit einer Achshöhe von 71 bis 315 mm, IEC-Standard
- Geschlossene Konstruktion, Außenbelüftung
- Schutzgrad IP54 (IP55 auf Anfrage)
- Isolierung Klasse F
- Serie BAX mit Effizienzklasse IE3 (Premium)
- DC Gleichstrom- oder AC Wechselstrom-Bremse
- Erhöhtes Bremsdrehmoment
- Betrieb unter erschwerten Bedingungen
- Wartungsarm
- Aluminiumgehäuse von 71 bis 132 mm, Gußeisengehäuse von 160 bis 315 mm
- Gußeisenflansche für Achshöhen ab 100 mm
- Motoren mit Welle und Flansch nach NEMA
- Schraube für manuelle Lösung der Bremse
- Sechseckige Bohröffnung am Wellenende zur manuellen Motorrotation (ab Baugröße 160 auf Anfrage)
- Kennzeichnung **CE**
- Kennzeichnung cCSAus **CS** (auf Anfrage)
- Kennzeichnung CCC (auf Anfrage)
- EAC-Zertifizierung (auf Anfrage)

SERIE BM-BMX

- Bremsmotoren
- Metrische Motoren mit einer Achshöhe von 56 bis 225 mm, IEC Standard
- Geschlossene Konstruktion, Außenbelüftung

- Schutzgrad IP54 (IP55 auf Anfrage)
- Isolierung Klasse F
- Serie BMX mit Effizienzklasse IE3 (Premium)
- DC Gleichstrom Bremse
- Schalldruckbremse
- Aluminiumgehäuse von 56 bis 132 mm, Gußeisengehäuse für 160 mm
- Gußeisenflansche für Achshöhen ab 100 mm
- Motoren mit Welle und Flansch nach NEMA
- Kennzeichnung **CE**
- Kennzeichnung cCSAus **CS** (auf Anfrage)
- Kennzeichnung CCC (auf Anfrage)
- EAC-Zertifizierung (auf Anfrage)

Anwendungsbereiche für asynchrone Dreiphasen-Motoren

Überall, wo schnelles Starten und Bremsen wichtig ist; Werkzeugmaschinen, Fließbänder, Palettierer, Verpackungsmaschinen, Textilmaschinen, Untersetzungsgetriebe, Kräne, Maschinen für die Keramik- und Fliesenherstellung sowie für die Holzverarbeitung, indexierte Verschiebetische, automatische Türen, Bühnentechnik.

Die Serien BA, BM sind mit den folgenden Optionen verfügbar:

- Erhöhtes Trägheitsmoment Schwungrad für Katzfahren geeignet -PV (Serien BAPV und BMPV)
- Motoren für Hebetechnik -PK, -K (Serien BAPK, BAK)
- Fremdbelüftung -SV, -AV (Serien BASV, BMAV)
- Eingebauter Encoder -E (Serien BAE, BME)
- Motoren für Bühnentechnik (z.B. im Theater oder im Kino) -BM (Serie BMBM)

Bitte sehen Sie in den MGM Gesamtkatalog hinsichtlich weiterer technischer Einzelheiten

TÜRKÇE

BA-BAX SERİSİ

- Frenli Motorlar
- 71 gövdeden 315 gövdeye kadar IEC Metrik Normlarındaki Motorlar
- Tamamıyla Kapalı Fan Soğutmalı Sistem (TEFC)
- IP 54 koruma sınıfı (talebe göre IP55 koruma sınıfı)
- F izolasyon sınıfı
- BAX Serisi, IE3 (Premium) verimlilik sınıfına uygundur
- 3-230/400V 50 Hz (talebe göre farklı voltajlarla tedarik)
- AC ve DC Fren
- Çok yüksek frenleme torku
- Uzun Çalışma Süresi
- Düşük Bakım maliyeti
- 132 gövdeye kadar alüminyum, 160 gövdeden 315 gövdeye kadar döküm malzeme
- 100 gövdeden itibaren döküm çıkış flanşları
- NEMA boyutlu mil ve flanşlara sahip motorlar mevcuttur
- Manuel fren boşaltma kolu
- Manuel döndürme için arka milde alıyan yuva (talep halinde 160 gövdeden itibaren)
- CE Damgası
- cCSAus SA Damgası (CE markası talebe göre)
- CCC Damgası (talebe göre)
- EAC Belgesi (Talep Halinde)

BM-BMX SERİSİ

- Frenli Motorlar
- 56 gövdeden 225 gövdeye kadar IEC Metrik Normlarındaki Motorlar
- Tamamıyla Kapalı Fan Soğutmalı Sistem (TEFC)
- IP 54 koruma sınıfı (talebe göre IP55 koruma sınıfı)

- F izolasyon sınıfı
- BMX Serisi, IE3 (Premium) verimlilik sınıfına uygundur
- 3-230/400V 50Hz (talebe göre farklı voltajlarla tedarik)
- DC Fren
- Düşük ses seviyeli fren
- 132 gövdeye kadar alüminyum, 160 gövdeden 315 gövdeye kadar döküm malzeme
- 100 gövdeden itibaren döküm çıkış flanşları
- NEMA boyutlu mil ve flanşlara sahip motorlar mevcuttur
- CE Damgası
- cCSAus SA Damgası (CE markası talebe göre)
- CCC Damgası (talebe göre)
- EAC Belgesi (Talep Halinde)

Frenli Motor Uygulaması

Hızlı kalkış ve duruş gerektiren uygulamalar da; makine ekipmanları, konveyörler, paletleme makineleri, paketleme makineleri, tekstil makineleri, redüktörler, vinçler, seramik makineleri, ağaç işleme makineleri, indeksleme makineleri, otomatik kapı uygulamaları, TV-Sinema stüdyoları ve tiyatro Sahneleri.

BA ve BM serisi motorlar, aşağıdaki seçeneklerdeki gibi de kullanılabilir:

- Yüksek moment uygulamaları -PV (BAPV, BMPV serileri)
- PK, -K (BAPK, BAK serileri) vinç uygulamaları için
- Basınçlı Soğutma -SV, -AV (BASV, BMAV serileri)
- Bahili Enkoder -E (BAE, BME serileri)
- BM (BMBM serileri) sessizlik ve emniyet taleplerinin yüksek olduğu yerlerdeki taşıma uygulamalarında (TV - sinema stüdyoları ve tiyatro sahneleri gibi)

Daha fazla teknik bilgi için, lütfen MGM'in genel kataloğunu inceleyiniz

FRANÇAIS

LA SÉRIE BA-BAX

- Moteur frein asynchrone triphasé
- Moteurs électrique de hauteur d'axe de 71 à 315 mm-standard IEC
- Totalement fermé, ventilation externe
- Classe de protection IP54 (IP55 sur demande)
- Classe F d'isolation
- La Série BAX respecte la classe d'efficacité (Premium) IE3
- Frein à courant alternatif (AC) ou courant continu (DC)
- Couple de freinage très élevé
- Fonctionnement en conditions sévères
- Faible entretien
- Carcasse en aluminium de 71 à 132 mm et en fonte de 160 à 315 mm
- Bride en fonte pour la hauteur d'axe à partir de 100 mm
- Disponible avec arbre et bride aux dimensions NEMA
- Vis pour desserrage manuel du frein
- Trou hexagonal, de bout d'arbre, pour la rotation manuelle (sur demande pour l'hauteur d'axe à partir de 160 mm)
- CE marque
- Approuvé par cCSAus (CE marque) sur demande
- Approuvé par CCC sur demande
- EAC déclaration (sur demande)

LA SÉRIE BM-BMX

- Moteurs frein asynchrones triphasés
- Moteurs électrique de hauteur d'axe de 56 à 225 mm-standard IEC
- Totalement fermés, ventilation externe
- Classe de protection IP54 (IP55 à demande)

- Classe F d'isolation
- La Série BMX respecte la classe d'efficacité (Premium) IE3
- Frein à courant continu (DC)
- Frein à bruit réduit
- Carcasse en aluminium de 56 à 132 mm et en fonte pour 160 mm
- Bride en fonte pour la hauteur d'axe à partir de 100 mm
- Disponible avec arbre et bride aux dimensions NEMA
- CE marque
- Approuvé par cCSAus (CE marque) sur demande
- Approuvé par CCC sur demande
- EAC déclaration (sur demande)

Le domaine d'application des moteurs asynchrones frein triphasé

Particulièrement adaptés aux applications qui exigent une démarrage et un arrêt rapide; machines-outils, convoyeurs, palettiseurs, machines d'emballage, machine textile, céramique, tuiles et bois, réducteurs de vitesse, grues, plateaux diviseurs, portes automatiques, studios de TV-ciné et les scènes de théâtre.

Les séries BA, BM sont également disponibles avec les options suivantes:

- Moment d'inertie élevé réalisé avec un volant, pour translations -PV (les séries BAPV et BMPV)
- Moteurs pour levage -PK, -K (les séries BAPK, BAK)
- Ventilation forcée -SV, -AV (les séries BASV, BMAV)
- Codeur intégré -E (les séries BAE, BME)
- Applications de levage où il y a des fortes demandes de sécurité et tranquillité (pour des studios de TV-ciné et les scènes de théâtre) -BM (la serie BMBM)

Pour tous détails techniques, veuillez consulter le Catalogue Général de MGM

РУССКИЙ

СЕРИЯ BA-BAX

- Самотормозящийся двигатель
- Высота оси в диапазоне между 71 и 315 мм
- Закрытые двигатели с внешней вентиляцией (TEFC)
- Степень защиты IP54 (по заявке IP55)
- Класс изоляции F
- Серия BAX соответствует классу эффективности IE3 (Premium)
- Тормоз AC или DC
- Тормозящий крутящий момент регулируется с не непрерывностью до очень высоких значений
- Подходит для работы в тяжелых условиях
- Не нуждается в специальном техобслуживании
- Алюминиевый каркас для двигателей с высотой оси до 132 мм, чугунный, для высоты оси в диапазоне от 160, до 315 мм
- Чугунные фланцы для двигателей с высотой оси от 100 мм
- Двигатели с установленными валами и фланцами NEMA
- Винт ручного разблокирования тормоза в серийном оснащении
- Шестиугольное отверстие на вале для ручного вращения (по запросу, начиная размера рамы 160)
- Маркировка CE
- Сертифицировано согласно cCSAus (маркировка CE) по заявке
- Сертифицировано согласно CCC по заявке
- Декларация EAC (по запросу)

СЕРИЯ BM-BMX

- Самотормозящийся двигатель
- Высота оси в диапазоне между 56 и 225 мм
- Закрытые двигатели с внешней вентиляцией (TEFC)
- Степень защиты IP54 (по заявке IP55)
- Класс изоляции F
- Серия BMX соответствует классу эффективности IE3 (Premium)
- Тормоз DC

- Бесшумный двигатель
- Алюминиевый каркас для двигателей с высотой оси до 132 мм, чугунный, для высоты оси в диапазоне 160 мм
- Чугунные фланцы для двигателей с высотой оси от 100 мм
- Двигатели с установленными валами и фланцами NEMA
- Маркировка CE
- Сертифицировано согласно cCSAus (маркировка CE) по заявке
- Сертифицировано согласно CCC по заявке
- Декларация EAC (по запросу)

Применение самотормозящихся двигателей

Любое применение, которое предусматривает частые и быстрые запуски и остановки; инструментальный станок; ленточные конвейеры, оборудование для пищевой промышленности и упаковочные машины, тракильные станины; оборудование для производства керамических и строительных материалов, оборудование для деревообрабатывающей и бумажной промышленности, мостовые краны, вращающиеся столы, автоматические двери, редукторы или регуляторы скорости, телевизионные студии и театральные сцены.

Двигатели серии BA, BM предоставляются также со следующими комплектующими/в следующих вариантах:

- PV (серия BAPV, BMPV) двигатели оснащены маховиком с высоким инертным движением движений перемещения с плавным запуском и остановкой
- PK, -K (серия BAPK, BAK) Двигатели для подъемных устройств
- SV, -AV (серия BASV, BMAV) двигатели с сервоventilацией
- E (серия BAE, BME) двигатели со встроенным интегратором
- Подъемные устройства BM (BMBM), где требуются повышенная безопасность и тишина (для телестудий и театральных сцен)

Более подробная информация приведена в общем каталоге



DIMENSIONS - DIMENSIONI - ABMESSUNGEN - BOYUTLAR - РАЗМЕРЫ (mm)

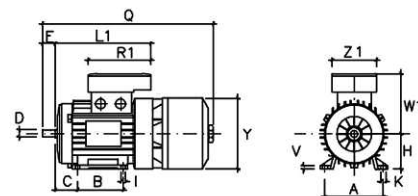
71 80 90S 90L 100L 112M 132S 132M 160M 160L 180L 200L 225S 225M 250M 280S 280M 315S 315M

A	112	125	140	140	160	190	216	216	254	254	279	318	356	356	406	457	457	508	508
	4.41	4.92	5.51	5.51	6.30	7.48	8.50	8.50	10.00	10.00	10.98	12.52	14.02	14.02	15.98	17.99	17.99	20.00	20.00
B	90	100	100	125	140	140	140	178	210	254	279	305	286	311	349	368	419	406	457
	3.54	3.94	3.94	4.92	5.51	5.51	5.51	7.01	8.27	10.00	10.98	12.01	11.26	12.24	13.74	14.49	16.50	15.98	17.99
C	45	50	56	56	63	70	89	89	108	108	121	133	149	149	168	190	190	216	216
	1.77	1.97	2.20	2.20	2.48	2.76	3.50	3.50	4.25	4.25	4.76	5.24	5.87	5.87	6.61	7.48	7.48	8.50	8.50
D*	14	19	24	24	28	28	38	38	42	42	48	55	60	60	65	75	75	80	80
	0.551	0.748	0.945	0.945	1.102	1.102	1.496	1.496	1.654	1.654	1.890	2.165	2.362	2.362	2.559	2.953	2.953	3.150	3.150
d	M5	M6	M8	M8	M10	M10	M12	M12	M16	M16	M16	M16	M16	M16	M16	M20	M20	M20	M24
E*	30	40	50	50	60	60	80	80	110	110	110	110	140	140	140	140	140	170	170
	1.18	1.57	1.97	1.97	2.36	2.36	3.15	3.15	4.33	4.33	4.33	4.33	5.51	5.51	5.51	5.51	5.51	6.69	6.69
Fa	10	12	12	12	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	24	24
	0.39	0.47	0.47	0.47	0.57	0.57	0.57	0.57	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.94	0.94
Fb	M6	M6	M8	M8	M8	M8	M10	M10											
f	5	6	8	8	8	8	10	10	12	12	14	16	18	18	18	20	20	22	22
	0.20	0.24	0.31	0.31	0.31	0.31	0.39	0.39	0.47	0.47	0.55	0.63	0.71	0.71	0.71	0.79	0.79	0.87	0.87
g	11	15.5	20	20	24	24	33	33	37	37	42.5	49	53	53	58	67.5	67.5	71	71
	0.43	0.61	0.79	0.79	0.94	0.94	1.30	1.30	1.46	1.46	1.67	1.93	2.09	2.09	2.28	2.66	2.66	2.80	2.80
H	71	80	90	90	100	112	132	132	160	160	180	200	225	225	250	280	280	315	315
	2.80	3.15	3.54	3.54	3.94	4.41	5.20	5.20	6.30	6.30	7.09	7.87	8.86	8.86	9.84	11.02	11.02	12.40	12.40
h	5	6	7	7	7	7	8	8	8	8	9	10	11	11	11	12	12	14	14
	0.20	0.24	0.28	0.28	0.28	0.28	0.31	0.31	0.31	0.31	0.35	0.39	0.43	0.43	0.43	0.47	0.47	0.55	0.55
I	7	10	10	10	12	12	12	12	14.5	14.5	15	18.5	18	18	24	24	24	28	28
	0.28	0.39	0.39	0.39	0.47	0.47	0.47	0.47	0.57	0.57	0.59	0.73	0.71	0.71	0.94	0.94	0.94	1.10	1.10
K	10.5	14	14	14	16	16	22	22	24	24	24	30	33	33	33	24	24	45	45
	0.41	0.55	0.55	0.55	0.63	0.63	0.87	0.87	0.94	0.94	0.94	1.18	1.30	1.30	1.30	0.94	0.94	1.77	1.77
L	148	162	171	196	217	229													
	5.83	6.38	6.73	7.72	8.54	9.02													
L1	184	194	207	232	254	262	294	339	373	395	420	446	440	440	435	435	435	754.5	780
	7.24	7.64	8.15	9.13	10.00	10.31	11.57	13.35	14.69	15.55	16.54	17.56	17.32	17.32	17.13	17.13	17.13	29.70	30.71
Ma	130	165	165	165	215	215	265	265	300	300	300	350	400	400	500	500	500	600	600
	5.12	6.50	6.50	6.50	8.46	8.46	10.43	10.43	11.81	11.81	11.81	13.78	15.75	15.75	19.68	19.68	19.68	23.62	23.62
Mb	85	100	115	115	130	130	165	165											
	3.35	3.94	4.53	4.53	5.12	5.12	6.50	6.50											
Na	110	130	130	130	180	180	230	230	250	250	250	300	350	350	450	450	450	550	550
	4.3315	5.1185	5.1185	5.118	7.087	7.087	9.055	9.055	9.843	9.843	9.843	11.811	13.78	13.78	17.72	17.72	17.72	21.65	21.65
Nb	70	80	95	95	110	110	130	130											
	2.7563	3.1503	3.7403	3.740	4.331	4.331	5.118	5.118											
Oa	3.5	3.5	3.5	3.5	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6
	0.14	0.14	0.14	0.14	0.16	0.16	0.16	0.16	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.24	0.24
Ob	2.5	3	3	3	3.5	3.5	3.5	3.5											
	0.10	0.12	0.12	0.12	0.14	0.14	0.14	0.14											
Pa	160	200	200	200	250	250	300	300	350	350	350	400	450	450	550	550	550	660	660
	6.30	7.87	7.87	7.87	9.84	9.84	11.81	11.81	13.78	13.78	13.78	15.75	17.72	17.72	21.65	21.65	21.65	25.98	25.98
Pb	105	120	140	140	160	160	200	200											
	4.13	4.72	5.51	5.51	6.30	6.30	7.87	7.87											
Q	344	380	412	436	487	505	600	638	745	789	988	988	977	1002	1135	1210	1275	1338	1389
	13.54	14.96	16.22	17.17	19.17	19.88	23.62	25.12	29.33	31.06	38.90	38.90	38.46	39.45	44.69	47.64	50.20	52.68	54.68
Q _{BAF/BAPV}	368	403	436	460	511	531	628	666	778	822	907	932	1014	1035					
	14.49	15.87	17.17	18.11	20.12	20.91	24.72	26.22	30.63	32.36	35.71	36.69	39.92	40.75					
R	80	80	98.5	98.5	98.5	98.5													
	3.15	3.15	3.88	3.88	3.88	3.88													
R1	135	135	170	170	170	170	199	199	268	268	268	268	327	327	327	327	327	490.5	490.5
	5.31	5.31	6.69	6.69	6.69	6.69	7.83	7.83	10.55	10.55	10.55	10.55	12.87	12.87	12.87	12.87	12.87	19.31	19.31
S	10	12	12	12	14	14	15	15	15	15	15	15	20	20	18	18	18	22	22
	0.39	0.47	0.47	0.47	0.55	0.55	0.59	0.59	0.59	0.59	0.59	0.59	0.79	0.79	0.71	0.71	0.71	0.87	0.87
V	8	9.5	10.5	10.5	12.5	13.5	16	16	21	21	24	24	32	32	32	40	40	46	46
	0.31	0.37	0.41	0.41	0.49	0.53	0.63	0.63	0.83	0.83	0.94	0.94	1.26	1.26	1.26	1.57	1.57	1.81	1.81
W	105	113	127	127	138	158			165	165	188	188	224	224	295	243	243		
	4.13	4.45	5.00	5.00	5.43	6.22			6.50	6.50	7.40	7.40	8.82	8.82	11.61	9.57	9.57		
W1	121	130	148	148	162	176	210	210	246	246	266	266	341	341	361	361	361	306	306
	4.76	5.12	5.83	5.83	6.38	6.93	8.27	8.27	9.69	9.69	10.47	10.47	13.43	13.43	14.21	14.21	14.21	12.50	12.50
Y	145	160	180	180	196	218	265	265	324	324	357	357	430	430	493	493	493	634	634
	5.71	6.30	7.09	7.09	7.72	8.58	10.43	10.43	12.76	12.76	14.06	14.06	16.93	16.93	19.41	19.41	19.41	24.96	24.96
Z	75	75	98.5	98.5	98.5	98.5													
	2.95	2.95	3.88	3.88	3.88	3.88													
Z1	86	86	112	112	112	112	151	151	167	167	167	167	200	200	200	200	200	303	303
	3.39	3.39	4.41	4.41	4.41	4.41	5.94	5.94	6.57	6.57	6.57	6.57	7.87	7.87	7.87	7.87	7.87	11.93	11.93

Q_{BAF/BAPV} is the Q dimension for BAF and BAPV Series • Cable glands are M20 on size 71 and 80, M25 on size 90 up to 112, M32 on size 132, M40 on size 160 up to 200, M50 on size 225-250

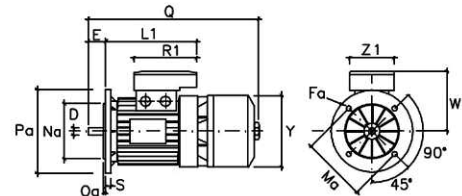
BA-BAX

B3



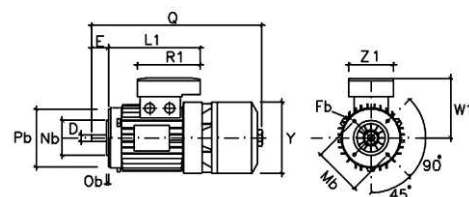
BA-BAX

B5



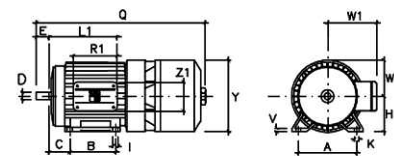
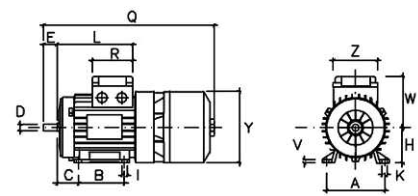
BA-BAX

B14

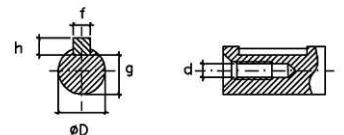


BA-BAX 160÷315

B3

Single terminal board box • Motori con singola scatola morsettiera singola • Einzel-Klemmenbrett-Gehäuse
Klemmschrank • Boîte avec plaque à bornes simple • Двигатели с одной клеммной коробкой

Shaft End - Estremità d'albero - Wellenende - Çıkış Mili - Bout d'arbre - Конец вала



*225S-225M 2 poles D=55mm (2.17 inch), E=110mm (4.33 inch), 280/2 poles D=60mm (2.36 inch), E=140mm (5.51 inch), 315S-315M 2 poles D=65mm (2.56 inch), E=140mm (5.51 inch), 315S-315M 2 poles D



BM-BMX Series

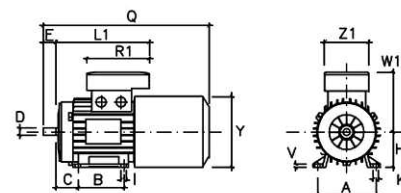
DIMENSIONS - DIMENSIONI - ABMESSUNGEN - BOYUTLAR - РАЗМЕРЫ (mm inch)

	56	63	71	80	90S	90L	100L	112M	132S	132M	160M	160L	180	200	225S	225M
A	90 3.54	100 3.94	112 4.41	125 4.92	140 5.51	140 5.51	160 6.30	190 7.48	216 8.50	216 8.50	254 10.00	254 10.00	279 10.98	318 12.52	356 14.02	356 14.02
B	71 2.80	80 3.15	90 3.54	100 3.94	100 3.94	125 4.92	140 5.51	140 5.51	140 5.51	178 7.01	210 8.27	254 10.00	279 10.98	305 12.01	286 11.26	311 12.24
C	36 1.42	40 1.57	45 1.77	50 1.97	56 2.20	56 2.20	63 2.48	70 2.76	89 3.50	89 3.50	108 4.25	108 4.25	121 4.76	133 5.24	149 5.87	149 5.87
D	9 0.35	11 0.43	14 0.55	19 0.75	24 0.95	24 0.95	28 1.10	28 1.10	38 1.50	38 1.50	42 1.65	42 1.65	48 1.89	55 2.17	60 2.36	60 2.36
d	M3	M4	M5	M6	M8	M8	M10	M10	M12	M12	M16	M16	M16	M20	M20	M20
E	20 0.79	23 0.91	30 1.18	40 1.57	50 1.97	50 1.97	60 2.36	60 2.36	80 3.15	80 3.15	110 4.33	110 4.33	110 4.33	110 4.33	140 5.51	140 5.51
Fa	6.6 0.26	9.5 0.37	9.5 0.37	11.5 0.45	11.5 0.45	11.5 0.45	14.5 0.57	14.5 0.57	14.5 0.57	14.5 0.57	18.5 0.73	18.5 0.73	18.5 0.73	18.5 0.73	18.5 0.73	18.5 0.73
Fb	M5	M5	M6	M6	M8	M8	M8	M8	M10	M10	-	-	-	-	-	-
f	3 0.12	4 0.16	5 0.20	6 0.24	8 0.31	8 0.31	8 0.31	8 0.31	10 0.39	10 0.39	12 0.47	12 0.47	14 0.55	16 0.63	18 0.71	18 0.71
g	7.2 0.28	8.5 0.33	11 0.43	15.5 0.61	20 0.79	20 0.79	24 0.94	24 0.94	33 1.30	33 1.30	37 1.46	37 1.46	42.5 1.67	49 1.93	53 2.09	53 2.09
H	56 2.20	63 2.48	71 2.80	80 3.15	90 3.54	90 3.54	100 3.94	112 4.41	132 5.20	132 5.20	160 6.30	160 6.30	180 7.09	200 7.87	225 8.86	225 8.86
h	3 0.12	4 0.16	5 0.20	6 0.24	8 0.31	8 0.31	8 0.31	8 0.31	10 0.39	10 0.39	12 0.47	12 0.47	14 0.55	16 0.63	18 0.71	18 0.71
I	6 0.24	7 0.28	7 0.28	10 0.39	10 0.39	10 0.39	12 0.47	12 0.47	12 0.47	12 0.47	14.5 0.57	14.5 0.57	14.5 0.57	18.5 0.73	18 0.71	18 0.71
K	11 0.43	10.5 0.41	10.5 0.41	14 0.55	14 0.55	14 0.55	16 0.63	16 0.63	22 0.87	22 0.87	24 0.94	24 0.94	24 0.94	30 1.18	18 0.71	18 0.71
L	99 3.90	130 5.12	145 5.71	162 6.38	171 6.73	196 7.72	217 8.54	229 9.02	255 10.04	293 11.54	-	-	-	-	-	-
L1	166 6.54	182 7.16	194 7.64	207 8.15	232 9.13	254 10.00	262 10.31	294 11.57	339 13.35	373 14.69	395 15.55	420.5 16.56	445.5 17.54	440 17.32	440 17.32	440 17.32
Ma	100 3.94	115 4.53	130 5.12	165 6.50	165 6.50	165 6.50	215 8.46	215 8.46	265 10.43	265 10.43	300 11.81	300 11.81	300 11.81	350 13.78	400 15.75	400 15.75
Mb	65 2.56	75 2.95	85 3.35	100 3.94	115 4.53	115 4.53	130 5.12	130 5.12	165 6.50	165 6.50	-	-	-	-	-	-
Na	80 3.15	95 3.74	110 4.33	130 5.12	130 5.12	130 5.12	180 7.09	180 7.09	230 9.06	230 9.06	250 9.84	250 9.84	250 9.84	300 11.81	350 13.78	350 13.78
Nb	50 1.97	60 2.36	70 2.76	80 3.15	95 3.74	95 3.74	110 4.33	110 4.33	130 5.12	130 5.12	-	-	-	-	-	-
Oa	3 0.12	3 0.12	3.5 0.14	3.5 0.14	3.5 0.14	3.5 0.14	4 0.16	4 0.16	4 0.16	4 0.16	5 0.20	5 0.20	5 0.20	5 0.20	5 0.20	5 0.20
Ob	2.5 0.10	2.5 0.10	2.5 0.10	3 0.12	3 0.12	3 0.12	3.5 0.14	3.5 0.14	3.5 0.14	3.5 0.14	-	-	-	-	-	-
Pa	120 4.72	140 5.51	160 6.30	200 7.87	200 7.87	200 7.87	250 9.84	250 9.84	300 11.81	300 11.81	350 13.78	350 13.78	350 13.78	400 15.75	450 17.72	450 17.72
Pb	80 3.15	90 3.54	105 4.13	120 4.72	140 5.51	140 5.51	160 6.30	160 6.30	200 7.87	200 7.87	-	-	-	-	-	-
Q	230 9.06	260 10.24	295 11.61	334 13.15	360 14.17	385 15.16	435 17.13	470 18.50	565 22.24	604 23.78	716 27.17	760 28.90	863 33.98	888 34.96	961 37.83	961 37.83
R	75 2.95	80 3.15	80 3.15	80 3.15	98.5 3.88	98.5 3.88	98.5 3.88	98.5 3.88	108 4.25	108 4.25	-	-	-	-	-	-
R1	135 5.31	135 5.31	135 5.31	170 6.69	170 6.69	170 6.69	170 6.69	199 7.83	199 7.83	268 10.55	268 10.55	268 10.55	268 10.55	327 12.87	327 12.87	327 12.87
S	8 0.31	10 0.39	10 0.39	12 0.47	12 0.47	12 0.47	14 0.55	14 0.55	15 0.59	15 0.59	15 0.59	15 0.59	19.5 0.77	15 0.59	20 0.79	20 0.79
V	7 0.28	7 0.28	8 0.31	9.5 0.37	10.5 0.41	10.5 0.41	12.5 0.49	13.5 0.53	16 0.63	16 0.63	21 0.83	21 0.83	24 0.94	24 0.94	32 1.26	32 1.26
W	93 3.66	97 3.82	105 4.13	113 4.45	127 5.00	127 5.00	138 5.43	158 6.22	198 7.80	198 7.80	155 6.10	155 6.10	179 7.05	179 7.05	224 8.82	224 8.82
W1	111 4.37	121 4.76	130 5.12	148 5.83	148 5.83	162 6.38	176 6.93	258 10.16	258 10.16	309.5 12.19	309.5 12.19	269.5 10.61	269.5 10.61	337 13.27	337 13.27	337 13.27
Y	110 4.33	121 4.76	136 5.35	153 6.02	178 7.01	178 7.01	198 7.80	219.5 8.64	255 10.04	255 10.04	293 11.54	293 11.54	355 13.98	355 13.98	433 17.05	433 17.05
Z	75 2.95	75 2.95	75 2.95	75 2.95	98.5 3.88	98.5 3.88	98.5 3.88	98.5 3.88	108 4.25	108 4.25	-	-	-	-	-	-
Z1	86 3.39	86 3.39	86 3.39	112 4.41	112 4.41	112 4.41	112 4.41	151 5.94	151 5.94	167 6.57	167 6.57	167 6.57	167 6.57	167 6.57	202 7.95	202 7.95

Cable glands are M20 on size 71 and 80, M25 on size 90 up to 112, M32 on size 132, M40 on size 160 up to 200, M50 on size 225

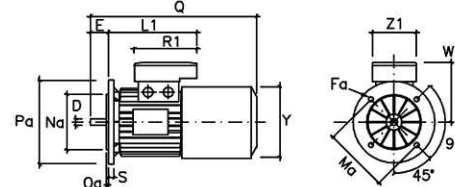
BM-BMX

B3



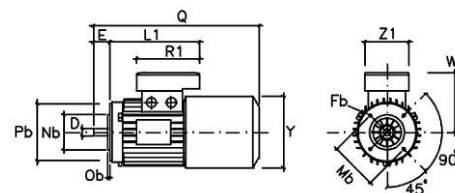
BM-BMX

B5



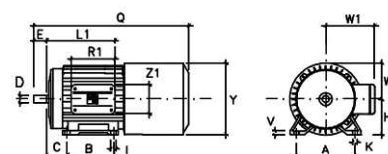
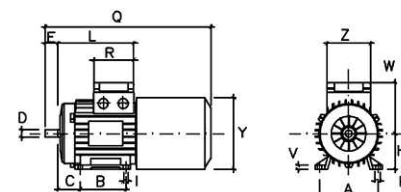
BM-BMX

B14

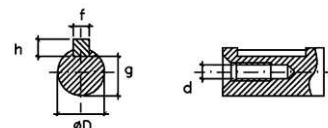


BM-BMX 160÷225

B3

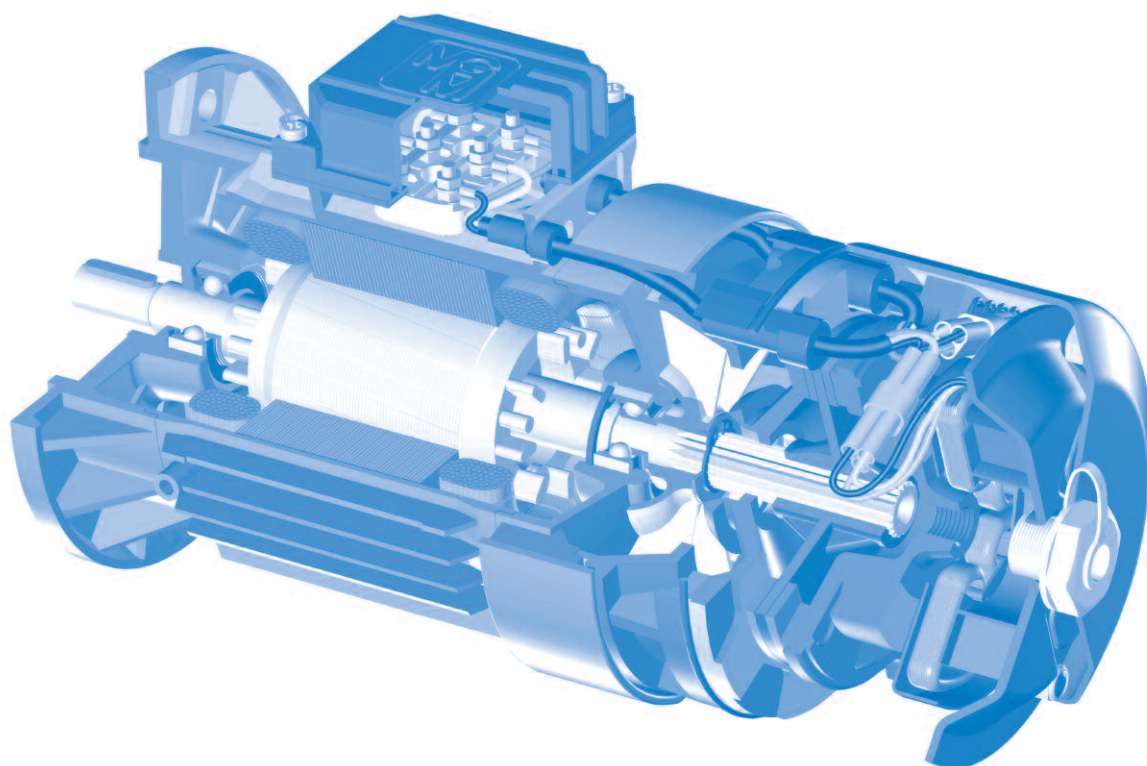
Single terminal board box • Motori con singola scatola morsettiera singola • Einzel-Klemmenbrett-Gehäuse
Klemmens kutusu • Boîte avec plaque à bornes simple • Двигатели с одной клеммной коробкой

Shaft End - Estremità d'albero - Wellenende - Çıkış Mili - Bout d'arbre - Конец вала

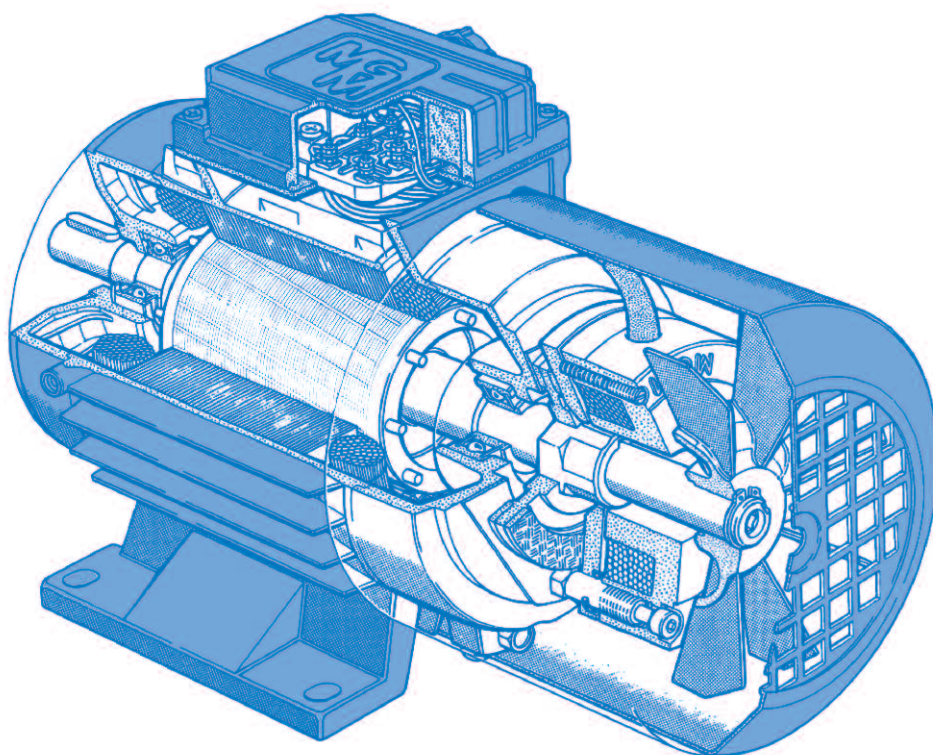




BA-BAX Series



BM-BMX Series





POWER RANGE - GAMMA DI POTENZE - LEISTUNG - GÜÇ ARALIĞI - PUISSANCE - ДИАПАЗОН МОЩНОСТЕЙ (kw hp)

TYPE	2 poles	4 poles	6 poles	8 poles	2 / 4 poles	4 / 8 poles	2 / 6 poles	2 / 8 poles	4 / 6 poles	4 / 12 poles (S3 40%)	2 / 12 poles (S3 40%)	4 / 16 poles (S4 40% - 4 poles S4 25% - 16 poles)
56 A	0.09 0.12	0.06 0.08	0.04 0.05									
56 B	0.12 0.16	0.09 0.12	0.06 0.08									
63 A	0.18 0.25	0.12 0.16										
63 B	0.25 0.33	0.18 0.25			0.22/0.15 0.30/0.20							
63 C	0.37 0.50	0.22 0.30	0.09 0.12		0.26/0.17 0.36/0.22			0.18/0.04 0.25/0.05				
63 D	0.45 0.61	0.30 0.40	0.12 0.16	0.07 0.10								
71 A	0.37 0.50	0.25 0.33	0.18 0.25	0.08 0.11	0.25/0.18 0.33/0.25	0.13/0.07 0.17/0.10						
71 B	0.55 0.75	0.37 0.50	0.25 0.33	0.11 0.14	0.37/0.25 0.50/0.33	0.18/0.09 0.25/0.12	0.25/0.08 0.33/0.11	0.25/0.06 0.33/0.08				
71 C	0.75 1.00	0.55 0.75				0.22/0.12 0.30/0.16	0.35/0.10 0.47/0.13	0.35/0.07 0.47/0.10	0.18/0.11 0.25/0.14			
71 D		0.65 0.88										
80 A	0.75 1.00	0.55 0.75	0.37 0.50	0.18 0.25	0.65/0.45 0.88/0.61	0.25/0.18 0.33/0.25	0.37/0.12 0.50/0.16	0.37/0.09 0.50/0.12	0.25/0.18 0.33/0.25	0.25/0.05 0.33/0.06		
80 B	1.10 1.50	0.75 1.00	0.55 0.75	0.25 0.33	0.88/0.62 1.18/0.83	0.37/0.25 0.50/0.33	0.55/0.18 0.75/0.25	0.55/0.12 0.75/0.16	0.37/0.25 0.50/0.33	0.37/0.07 0.50/0.10	0.45/0.07 0.61/0.10	
80 C		0.90 1.20										
90 SA	1.50 2.00	1.10 1.50	0.75 1.00	0.37 0.50		0.75/0.37 1.00/0.50	0.90/0.30 1.20/0.40		0.55/0.37 0.75/0.50	0.40/0.13 0.54/0.17	0.75/0.11 1.00/0.14	
90 SB					1.30/0.90 1.75/1.20			0.75/0.18 1.00/0.25				
90 LA	2.20 3.00	1.50 2.00	1.10 1.50	0.55 0.75	1.80/1.20 2.50/1.60		1.20/0.40 1.60/0.54	1.10/0.25 1.50/0.33		0.55/0.18 0.75/0.25	1.10/0.15 1.50/0.20	
90 LB		1.85 2.50	1.30 1.75	0.65 0.88	2.20/1.50 3.00/2.00	1.10/0.60 1.50/0.82	1.40/0.50 1.90/0.68	1.30/0.30 1.75/0.40	0.75/0.55 1.00/0.75	0.75/0.22 1.00/0.30		
90 LC		2.20 3.00										
100 LA	3.00 4.00	2.20 3.00	1.50 2.00	0.75 1.00	2.20/1.50 3.00/2.00		1.60/0.60 2.20/0.82	1.60/0.40 2.20/0.54	1.10/0.80 1.50/1.10	0.90/0.25 1.20/0.33		
100 LB		3.00 4.00	1.85 2.50	1.10 1.50	3.10/2.30 4.10/3.10	1.60/0.90 2.20/1.20	2.20/0.80 3.00/1.10	2.20/0.50 3.00/0.68	1.50/1.00 2.00/1.34	1.10/0.35 1.50/0.47	1.85/0.25 2.50/0.33	
112 MB	4.00 5.50	4.00 5.50	2.20 3.00	1.50 2.00	4.50/3.30 6.10/4.40	2.20/1.20 3.00/1.60	3.00/1.00 4.00/1.34	3.00/0.80 4.00/1.10	2.00/1.30 2.70/1.75	1.50/0.45 2.00/0.61	3.00/0.45 4.00/0.61	
112 MC	5.50 7.50	5.50 7.50										
132 SA	5.50 7.50									2.50/0.80 3.40/1.10		
132 SB	7.50 10.00	5.50 7.50	3.00 4.00	2.20 3.00	5.00/4.50 6.70/6.10	3.00/2.00 4.00/2.70	4.00/1.30 5.50/1.75	4.00/1.10 5.50/1.50	2.20/1.50 3.00/2.00		4.00/0.65 5.50/0.88	
132 MA	9.20 12.50	7.50 10.00	4.00 5.50		6.00/5.00 8.00/6.70	4.00/2.70 5.50/3.60	5.50/1.80 7.50/2.50	5.50/1.50 7.50/2.00	3.00/2.20 4.00/3.00	3.00/1.00 4.00/1.34	5.50/0.90 7.50/1.20	2.80/0.70 3.70/0.95
132 MB	11.00 15.00	9.20 12.50	5.50 7.50	3.00 4.00	7.50/6.00 10.00/8.00	6.00/4.00 8.00/5.50	7.00/2.20 9.50/3.00	7.00/1.80 9.50/2.50	3.70/2.50 5.00/3.40	4.00/1.30 5.50/1.75	7.00/1.10 9.50/1.50	4.00/1.10 5.50/1.50
132 MBX		11.00 15.00										
160 MA	11.00 15.00	9.20 12.50		4.00 5.50	9.50/8.00 12.70/10.90							5.50/1.30 7.50/1.75
160 MB	15.00 20.00	11.00 15.00	7.50 10.00	5.50 7.50	11.00/9.00 15.00/12.00	6.50/4.50 8.80/6.10	8.00/2.50 10.90/3.40	8.00/2.20 10.90/3.00	5.50/3.70 7.50/5.00	4.80/1.60 6.60/2.20	8.00/1.30 10.90/1.75	7.30/1.80 9.80/2.50
160 LA	18.50 25.00	15.00 20.00	9.20 12.50	7.50 10.00	13.00/11.00 17.40/15.00	9.50/6.00 12.70/8.00	11.00/3.60 15.00/4.80	11.00/3.00 15.00/4.00			11.00/1.80 15.00/2.50	
160 LB			11.00 15.00						7.50/5.00 10.00/6.70	7.30/2.40 9.80/3.20		10.00/2.50 13.40/3.40 13.20/3.00 18.00/4.00
180 LA	22.00 30.00	18.50 25.00			17.00/14.00 22.80/18.80	11.00/8.00 15.00/10.90						
180 LB		22.00 30.00	15.00 20.00	11.00 15.00	20.50/17.00 27.50/22.80	14.00/9.00 18.80/12.00	16.00/6.50 21.70/8.80	16.00/4.00 21.70/5.50	13.00/8.80 17.40/11.80		16.00/2.60 21.70/3.50	
200 LA	30.00 40.00		18.50 25.00	15.00 20.00		18.00/11.00 24.00/15.00						
200 LB	37.00 50.00	30.00 40.00	22.00 30.00		24.00/20.00 32.20/26.80	21.00/13.00 28.20/17.40		18.50/4.50 25.00/6.10	15.00/10.50 20.00/14.00			16.00/4.00 21.40/5.50
225 S		37.00 50.00			37.00/30.00 50.00/40.00	30.00/18.00 40.00/24.00		24.00/6.00 32.20/8.00				19.00/4.80 25.30/6.60
225 M		45.00 60.00	30.00 40.00	22.00 30.00	45.00/35.00 60.00/47.00	35.00/25.00 47.00/33.30		30.00/7.50 40.00/10.00				24.00/6.00 32.20/8.00
225 MX			37.00 50.00									
250 M		55.00 75.00	37.00 50.00	30.00 40.00		42.00/30.00 58.00/40.00						30.00/7.50 40.00/10.00
280 S		75.00 100.00	45.00 60.00	37.00 50.00		45.00/33.00 60.00/44.00						40.00/10.00 53.50/13.50
280 M		90.00 120.00	55.00 75.00	45.00 60.00		55.00/40.00 75.00/53.50						50.00/12.50 67.00/17.00
315 S		110.00 150.00	75.00 100.00	55.00 75.00								
315 M		132.00 180.00	90.00 120.00	75.00 100.00			86.00/58.00 115.00/78.00					

Please refer to MGM Internet site for further information on the available motor power - Per ulteriori informazioni riferirsi al nostro sito web - Bitte besuchen Sie de MGM Internetseite, um weitergehende Informationen über die verfügbaren Motorleistungen zu erhalten -
Daha fazla teknik bilgi için, lütfen MGM'in genel katalogunu inceleyiniz - Veuillez vous référer au site Internet de MGM pour de plus amples informations sur la puissance disponible des moteurs - Более подробную информацию вы найдёте на нашем сайте

Frame Size - Altezza d'asse - Achshöhe - Gövde Büyüklüğü - Hauteur d'axe - Высота оси				56	63	71	80	90	100	112	132	160	180	200	225	250	280	315
Maximum brake torque Coppia frenante massima Maximales Bremsmoment Maksimum fren torku Couple de freinage maximum Максимальный крутящий момент вращения	BA-BAX	AC Brake - Freno AC - AC Gleichstrom Bremse AC Fren - Frein AC - Тормоз AC	Nm Lb-in.	-	-	14 124	18 159	38 337	50 443	80 708	150 1328	190 1683	300 2657	300 2657	600 5310	700 6198	1000 8857	1500 13285
	BA-BAX	DC Brake - Freno DC - DC Gleichstrom Bremse DC Fren - Frein DC - Тормоз DC	Nm Lb-in.	-	-	9 80	15 133	30 266	42 372	60 531	120 1063	155 1373	180 1594	180 1594	600 5310	-	-	-
	BM-BMX	AC Brake - Freno AC - AC Gleichstrom Bremse AC Fren - Frein AC - Тормоз AC	Nm Lb-in.	2 17	5 44	5 44	10 88	20 177	40 354	60 531	100 885	150 1328	250 2212	250 2212	400 3540	-	-	-
	Brake electrical reaction Time Tempo di risposta elettrica del freno Elektrische Bremsreaktionszeit Frenin elektriksel tepki süresi Temps de réaction électrique du frein Время электрического ответа тормоза	BA-BAX	AC Brake - Freno AC - AC Gleichstrom Bremse AC Fren - Frein AC - Тормоз AC	ms	-	-	7 7	7 7	9 9	9 9	12 12	12 12	12 12	12 12	14 14	14 14	14 14	14 14
	BA-BAX	DC Brake ¹ - Freno DC ¹ - DC Gleichstrom Bremse ¹ DC Fren ¹ - Frein DC ¹ - Тормоз DC ¹	ms	-	-	80 80	80 80	80 80	80 80	85 85	85 90	90 90	100 100	-	-	-	-	-
	BA-BAX	DC Brake ² - Freno DC ² - DC Gleichstrom Bremse ² DC Fren ² - Frein DC ² - Тормоз DC ²	ms	-	-	20 20	20 20	30 30	30 30	30 30	30 30	30 30	35 35	-	-	-	-	-
	BM-BMX	DC Brake ¹ - Freno DC ¹ - DC Gleichstrom Bremse ¹ DC Fren ¹ - Frein DC ¹ - Тормоз DC ¹	ms	60 60	90 90	90 90	145 145	180 180	225 225	290 290	420 420	570 570	600 600	600 600	900 900	-	-	-
	BM-BMX	DC Brake ² - Freno DC ² - DC Gleichstrom Bremse ² DC Fren ² - Frein DC ² - Тормоз DC ²	ms	25 25	35 35	35 35	50 50	60 60	75 75	90 90	120 120	150 150	180 180	180 180	200 200	-	-	-

(¹) standard / normale / normal / нормальное - (²) quick / rapido / schnell / hızlı / rapide / быстрое



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