

11.0 DATI TECNICI







11.0 TECHNICAL DATA

11.0 TECHNISCHE DATEN

Le pagine seguenti riportano i dati tecnici dei motori trifase, monofase e autofrenanti a singola e doppia polarità. La simbologia sottostante, richiamata sopra le tabelle, faciliterà la ricerca del tipo di motore desiderato.

The following pages list the technical data of threephase, single phase and brake motors with single and double polarity. The symbols heading our tables will facilitate the search the required motor.

Auf den folgenden Seiten sind die technischen Daten zu den Drehstrom- und Einphasenmotoren sowie zu Bremsmotoren, in ein und doppelpoliger Version, aufgeführt. Die nachstehenden Kurzbezeichnungen, die in den Tabellen aufgeführt werden, erleichtern die Suche des gewünschten Motortyps.

TN		Motori trifase standard <i>Standard Threephase motors</i> Standard Drehstrommotoren	2,4,6,8 poli <i>pole</i> polig
TF TFP TFS		Motori trifase autofrenanti <i>Threephase brake motors</i> Drehstrom- Bremsmotoren	
DN		Motori trifase a doppia polarità <i>Threephase two speed motors</i> Polumschaltbare - Drehstrommotoren	2/4, 4/6, 4/8 2/6, 2/8, 6/8 poli <i>pole</i> polig
DF DFP DFS		Motori trifase autofrenanti a doppia polarità <i>Threephase two speed brake motors</i> Polumschaltbare- Bremsmotoren	
MN XN		Motori monofase standard <i>Standard single phase motors</i> Standard Einphasenmotoren	2, 4, 6 poli <i>pole</i> polig
MF XF		Motori monofase autofrenanti standard <i>Standard single phase brake motors</i> Standard Einphasenbremsmotoren	

Simbologia

Grandezza	Denominazione	Unità di mis.
P_N	Potenza nominale	kW,HP
n	Velocità nominale	min ⁻¹
η	Rendimento	%
cosφ	Fattore di potenza	—
I_{sp}	Corrente di spunto	A
I_N	Corrente nominale	A
M_{sp}	Coppia di spunto	Nm
M_{MAX}	Coppia massima	Nm
M_N	Coppia nominale	Nm
C	Capacità condens.	μF
U	Tensione	V
J	Momento d'inerzia	Kgm ²

(nel caso di motore autofrenante, al valore J riportato nelle tabelle, dovrà essere sommato quello del freno a c.c. o a c.a. riportato nella pagina relativa).

Symbols

Size	Nomenclature	Unit of meas.
P_N	Nominal power	kW,HP
n	Nominal speed	min ⁻¹
η	Efficiency	%
cosφ	Power factor	—
I_{sp}	Starting current	A
I_N	Nominal current	A
M_{sp}	Starting torque	Nm
M_{MAX}	Max torque	Nm
M_N	Nominal torque	Nm
C	Capacitor capacity	μF
U	Tension	V
J	Moment of inertia	Kgm ²

(In case of brake motors add to J value reported in the tables, the d.c. or a.c. brake value reported in relevant page)

Kurzbezeichnungen

Größe	Bezeichnung	Maßeinheit
P_N	Nennleistung	kW,HP
n	Nenngeschwindigkeit	min ⁻¹
η	Wirkungsgrad	%
cosφ	Leistungsfaktor	—
I_{sp}	Anlaufstrom	A
I_N	Nennstrom	A
M_{sp}	Anlaufmoment	Nm
M_{MAX}	Maximalmoment	Nm
M_N	Nennmoment	Nm
C	Kondensatorskapazität	μF
U	Spannung	V
J	Trägheitsmoment	Kgm ²

(beim Bremsmotor muß zum J-Wert der jeweilige Wert der Gs oder Ws-Bremse dazugezählt werden).

TN

Motori trifase standard
Standard Threephase motors
Standard Drehstrommotoren
TF
TFP
TFS

Motori trifase autofrenanti
Threephase brake motors
Drehstrom- Bremsmotoren
2 poli/pole/polig
3000 rpm
IE2



Tipo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	η %	cosφ	I _N (400V) A	$\frac{I_{sp}}{I_N}$	M _N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	J Kg·m ²	Kg (TN)	Kg (TF)
55 A	0.05	0.07	2700	52	0.71	0.30	2.8	0.20	2	2.2	0.00010	2.0	3.0
56 A	0.09	0.12	2700	52	0.76	0.45	3	0.32	2	2.2	0.00010	2.9	4.0
56 B	0.13	0.18	2700	52	0.76	0.55	3.2	0.46	2	2.3	0.00010	2.9	4.0
56 C	0.18	0.25	2700	53	0.82	0.60	2.9	0.63	2.5	2.5	0.00012	3	4.1
63 A	0.18	0.25	2720	53.2	0.69	0.58	2.5	0.60	2	2	0.00016	3.7	5.1
63 B	0.25	0.33	2700	58	0.75	0.73	3	0.88	2	2	0.00016	3.7	5.1
63 C	0.37	0.50	2770	68	0.78	1	3.5	1.27	2.1	2.2	0.00029	4.7	6.1
71 A	0.37	0.50	2800	68	0.73	1.09	3.5	1.26	2.5	2.7	0.00029	5.5	6.9
71 B	0.55	0.75	2800	73	0.74	1.4	4.5	1.8	2.3	2.6	0.00047	6.5	7.9
71 C	0.75	1	2820	73	0.74	2	4.5	2.5	2.3	2.6	0.00057	7.2	8.6
80 A	0.75	1	2830	77.4	0.83	1.8	5	2.5	2.3	2.6	0.00085	8.7	10.2
80 B	1.1	1.5	2830	79.6	0.84	2.5	5	2	2.3	2.6	0.00105	10.8	12.7
90 S	1.5	2	2820	82	0.86	3	5.8	5.1	2.6	2.7	0.00145	12.9	16.0
90 L	2.2	3	2840	83	0.86	4.7	5.5	7.4	2.9	3	0.00191	14.8	17.9
100 A	3	4	2890	84.6	0.85	6	5.8	10.2	2.4	3	0.00299	22	27.6
100 B	4	5.5	2880	85.8	0.85	8.1	6.2	13.2	2.5	3.2	0.00407	27	32.6
112 A	4	5.5	2900	86	0.88	8	6.6	13.1	2.1	2.6	0.00520	29	38.7
112 B	5.5	7.5	2900	87	0.86	12.3	6.6	18	2	2.8	0.00700	32	41.7
132 SA	5.5	7.5	2910	87	0.83	11.6	6.5	18	3.3	3.1	0.01080	44	61
132 SB	7.5	10	2910	88	0.84	15	7	24.6	3.5	3.3	0.01300	50	67
132 MC	9.2	12.5	2910	88	0.87	18.5	7.1	30.2	3.6	3.8	0.01639	59	75
132 MD	11	15	2910	89.4	0.87	21.5	7.6	36	3.4	3.8	0.01873	65	82
160 MA	11	15	2920	89.4	0.82	22	6.2	36	2.1	2.8	0.02810	75	127
160 MB	15	20	2925	90.3	0.83	28	6.5	49	2.4	3	0.03830	86	138
160 L	18.5	25	2940	90.9	0.80	34	7.2	60	2.6	3	0.04600	97	149
180 M	22	30	2930	91.3	0.84	41	7.1	72	2.5	2.9	0.07400	120	189
200 LA	30	40	2950	92	0.87	54	6.8	97	2.4	3	0.09740	147	219
200 LB	37	50	2950	92.6	0.88	65	7.2	120	2.5	3	0.12000	177	—
225 M	45	60	2860	92.9	0.88	80	6.7	145	2.4	3	0.23000	210	—
250 M	55	75	2956	93	0.87	99	6.7	178	2.4	3	0.25000	225	—
280 S	75	100	2960	93.8	0.87	133	6.8	242	2.3	2.7	0.35000	335	—
315 S	90	125	2960	94.2	0.88	157	7.2	290	2.3	2.6	0.42000	378	—
315 S2	110	150	2970	94.2	0.86	196	6.2	353	2	2.1	0.95000	713	—
315 MA	132	175	2970	94.5	0.86	235	6	424	2	2.1	0.95000	713	—
315 MC	160	220	2975	94.9	0.87	280	6	513	2.1	2.1	1.12000	780	—
315 MD	200	270	2980	95.4	0.89	340	6.5	640	2.2	2.2	1.30000	840	—
355 LA	250	340	2980	96	0.90	410	7	800	2.3	2.3	3.70000	1620	—
355 LB	315	430	2980	96.2	0.90	526	7.1	1008	2.2	2.2	4.50000	1810	—
355 LC	355	485	2980	96.4	0.90	591	7.2	1136	2.1	2.2	5.20000	2030	—
355 LD	400	544	2980	96.5	0.90	666	7.2	1281	2.1	2.1	5.90000	2180	—
355 LE	450	612	2980	96.5	0.90	749	7.2	1441	2.2	2.2	6.50000	2310	—

TN

Motori trifase standard
Standard Threephase motors
Standard Drehstrommotoren
TF
TFP
TFS

Motori trifase autofrenanti
Threephase brake motors
Drehstrom- Bremsmotoren
4 poli/pole/polig
1500 rpm
IE2

Tipo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	η %	cosφ	I _N (400V) A	$\frac{I_{sp}}{I_N}$	M _N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	J Kgm ²	Kg (TN)	Kg (TF)
55 A	0.05	0.07	1300	35	0.68	0.35	1.8	0.4	1.7	1.3	0.00010	2.0	—
56 B	0.09	0.12	1340	56	0.65	0.43	2.5	0.6	2.6	2.6	0.00018	2.9	4.0
63 A	0.13	0.18	1360	60	0.68	0.60	2.4	0.91	2	2.2	0.00025	3.7	5.1
63 B	0.18	0.25	1360	62	0.69	0.70	2.5	1.3	2.2	2.3	0.00029	4.5	5.9
71 A	0.25	0.33	1400	70	0.70	0.85	3	1.7	2.3	2.3	0.00074	5.4	6.8
71 B	0.37	0.50	1400	70	0.71	1.13	3.7	2.5	2.8	2.8	0.00096	6.4	7.8
71 C	0.55	0.75	1400	73	0.75	1.45	3.9	3.75	2.5	2.5	0.00117	7	8.4
80 A	0.55	0.75	1400	75	0.78	1.6	4	3.8	2.4	2.5	0.00191	8.5	10.4
80 B	0.75	1	1400	79.6	0.78	2.1	4	5	2.4	2.5	0.00254	10.5	12.4
80C	0.95	1.3	1420	78	0.75	2.5	4	6.5	2.3	2.6	0.00285	11.5	13.4
90 S	1.1	1.5	1380	82	0.84	2.62	4.3	7.6	2.2	2.2	0.00242	12.5	15.6
90 L	1.5	2	1410	82.8	0.84	3.66	4.7	10.1	2.7	2.9	0.00321	14	17.1
90 LB	1.8	2.5	1400	82	0.84	4.4	4.7	12.2	2.7	2.9	0.00400	16	19.1
100 A	2.2	3	1440	84	0.84	5	4.8	14.5	2.2	2.5	0.00520	20	25.6
100 B	3	4	1450	85	0.84	6.7	5	19.7	2.3	2.6	0.00668	24	29.6
100 C	4	5.5	1410	86	0.82	8	4.7	27	2.4	2.7	0.00706	26	31.6
112 A	4	5.5	1420	86.6	0.88	7.8	5	26.9	2.2	2.3	0.01052	29	38.7
112 B	5.5	7.5	1420	87	0.90	13	6	37	1.9	2	0.01320	32	41.7
132 SA	5.5	7.5	1440	87.7	0.81	13	6.2	36.5	2.1	2.5	0.02068	43	60
132 MB	7.5	10	1440	88.7	0.81	17.5	6.3	49.7	2.5	2.7	0.02688	54	71
132 MC	9.2	12.5	1450	88	0.83	18.5	7	60.6	2.4	2.6	0.03059	58	75
132 MD	11	15	1450	89	0.83	22	8	72.4	2.3	2.4	0.03632	69	81
160 M	11	15	1450	89	0.86	22	6	72.4	2.2	2.4	0.06800	75	127
160 L	15	20	1450	90.6	0.86	30	6	99	2.4	2.4	0.09200	93	145
180 M	18.5	25	1470	91	0.82	39	6	120	2.7	2.8	0.12200	120	162
180 L	22	30	1470	92	0.82	44	6	143	2.7	2.7	0.14100	136	178
200 L	30	40	1470	92	0.83	59	6	195	2.7	2.8	0.19900	177	219
225 S	37	50	1470	93.1	0.85	68	6.5	240	2.3	2.8	0.32000	207	—
225 M	45	60	1475	93.7	0.87	80	6.5	291	2.4	2.8	0.41000	230	—
250 M	55	75	1475	93.9	0.88	87	6.4	356	2.3	2.6	0.52000	264	—
280 S	75	100	1480	93.9	0.86	135	6.7	483	2.7	2.3	0.89000	362	—
280 M	90	125	1480	94.6	0.88	157	7.1	580	2.6	2.4	1.06000	427	—
315 S	110	150	1480	94.3	0.87	193	7.1	709	2.6	2.4	1.15000	455	—
315 MA	132	180	1485	94.5	0.84	239	6.2	848	2.5	2.5	2.10000	739	—
315 LA	160	220	1485	94.7	0.85	286	6.3	1028	2.5	2.5	2.50000	812	—
315 LC	200	270	1485	95	0.86	353	6.5	1285	2	2.6	3.10000	918	—
355 MB	250	340	1490	95	0.86	440	6.2	1601	2	2.4	6.10000	1690	—
355 LB	315	430	1490	95.1	0.86	554	6.2	2017	1.9	2.4	7.40000	1880	—
355 LC	355	485	1490	95.2	0.86	324	6.2	2273	1.9	2.3	9.40000	2100	—



TN		Motori trifase standard <i>Standard Threephase motors</i> Standard Drehstrommotoren
TF TFP TFS		Motori trifase autofrenanti <i>Threephase brake motors</i> Drehstrom- Bremsmotoren

6 poli /pole/polig 1000 rpm **IE2**

Typo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	η %	cosφ	I _N (400V) A	I _{sp} I _N	M _N Nm	M _{sp} M _N	M _{MAX} M _N	J Kgm ²	Kg (TN)	Kg (TF)
56 A	0.06	0.08	840	48	0.59	0.4	2	0.68	1.8	2	0.00018	3	4.1
63 A	0.09	0.12	870	54	0.60	0.5	2	1	1.8	2	0.00034	4	5
63 B	0.12	0.16	890	56	0.60	0.65	2	1.34	1.8	2	0.00060	4.6	6.0
71 A	0.18	0.25	880	56	0.62	0.8	2.5	1.95	1.8	2	0.00074	5.5	6.9
71 B	0.25	0.33	900	60	0.65	1.2	2.9	2.65	1.9	2.2	0.00096	6.5	7.9
80 A	0.37	0.50	920	65	0.66	1.5	3.2	3.8	1.9	2.2	0.00191	8.5	10.4
80 B	0.55	0.75	920	69	0.70	1.7	3.5	5.7	2	2.3	0.00264	10.5	12.4
90 S	0.75	1	920	76	0.73	2.4	3.5	7.79	1.8	2	0.00242	12.5	15.6
90 L	1.1	1.5	920	78	0.71	3.4	3.5	11.4	1.8	2	0.00398	14	17.1
100 A	1.5	2	940	79.8	0.75	4	4	15.2	1.8	2	0.00519	24	29.8
112 A	2.2	3	950	81	0.75	5.4	6	22	2.3	2.2	0.00720	34	43.7
132 SA	3	4	950	83.3	0.76	7.1	5.4	30	2.1	2.1	0.01940	44	61
132 MB	4	5.5	950	84.6	0.78	9.1	5.3	40	2.4	2.4	0.02688	55	72
132 MC	5.5	7.5	965	86	0.82	13.3	5.3	55	2.6	2.6	0.03430	60	127
160 M	7.5	10	920	87.2	0.82	15.5	5	74	2	2.3	0.08300	75	152
160 L	11	15	970	88.7	0.82	22	5.5	108	2.3	2.5	0.12500	100	189
180 L	15	20	970	89.7	0.82	30	5.2	148	2.3	2.2	0.20000	147	219
200 LA	18.5	25	970	90.4	0.84	36	5.2	182	2.1	2.3	0.25000	177	—
200 LB	22	30	975	90.9	0.86	41	5.6	216	2.4	2.4	0.20000	190	—
225 M	30	40	975	91.5	0.81	58	6.3	294	2.4	2.4	0.47000	216	—
250 M	37	50	980	92	0.82	72	6.5	362	2.6	2.6	0.57000	258	—
280 S	45	60	980	92.2	0.84	84	6	438	2.4	2.3	0.85000	314	—
280 M	55	75	980	93	0.84	102	6	535	2.5	2.6	1.07000	353	—
315 S	75	100	985	93.2	0.85	137	6	730	2.3	2.3	1.45000	426	—
315 MA	90	125	985	94	0.85	163	6	872	2.5	2.5	2.60000	707	—
315 MB	110	150	985	94	0.85	199	6	1065	2.4	2.4	3.00000	758	—
315 MC	132	180	985	94.6	0.85	238	6.3	1278	2.5	2.5	3.60000	848	—
315 MD	160	220	985	94.8	0.86	284	6.3	1550	2.5	2.5	4.40000	953	—

8 poli /pole/polig 750 rpm

Typo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	η %	cosφ	I _N (400V) A	I _{sp} I _N	M _N Nm	M _{sp} M _N	M _{MAX} M _N	J Kgm ²	Kg (TN)	Kg (TF)
63 A	0.07	0.10	660	42	0.56	0.6	1.3	1	1.8	2	0.00029	4.5	5.9
71 A	0.12	0.16	670	46	0.60	0.8	2	1.72	1.8	2	0.00096	6.5	7.9
80 A	0.18	0.25	690	50	0.60	0.9	2.5	2.5	1.8	2	0.00191	8.4	10.3
80 B	0.25	0.33	700	50	0.60	1	2.5	3.4	1.8	2	0.00254	10.4	12.3
90 S	0.37	0.50	700	58	0.60	1.6	3	5	2	2.2	0.00242	12.3	15.4
90 L	0.55	0.75	700	62	0.62	2.2	3.2	7.5	2	2.2	0.00320	13.8	16.9
100 A	0.75	1	700	70	0.64	2.6	3.5	10.4	2	2.4	0.00519	23	28.6
100 B	1.1	1.5	700	72	0.64	3.6	3.5	15.2	2	2.4	0.00668	30	35.6
112 A	1.5	2	700	74	0.66	4.7	4	20.7	2.1	2.4	0.01220	33	42.7
132 SA	2.2	3	700	75	0.65	7	4.1	30	2.2	2.4	0.01940	44	61
132 MB	3	4	700	77	0.65	9	4.3	41	2.2	2.4	0.03430	55	72
160 MA	4	5.5	710	80	0.70	10.8	4.5	54	1.8	2	0.06250	60	112
160 MB	5.5	7.5	720	84	0.74	12.6	5	73	1.8	2	0.08500	75	127
160 L	7.5	10	720	85	0.75	16.8	5	100	1.8	2	0.12590	100	152
180 LB	11	15	725	86.7	0.75	25	4.5	145	2	2.2	0.20200	147	219
200 LB	15	20	725	87.1	0.75	34	5	197	2.1	2.3	0.25000	177	219

DN		Motori trifase a doppia polarità <i>Threephase two speed motors</i> Polumschaltbare - Drehstrommotoren
DF DFP DFS		Motori trifase autofrenanti a doppia polarità <i>Threephase two speed brake motors</i> Polumschaltbare - Bremsmotoren

2/4 poli/pole/polig 3000/1500 rpm Avvolgimento unico / Single winding / Einfachwicklung



Typo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	I _N (400V) A	I _{sp} I _N	M _N Nm	M _{sp} M _N	M _{MAX} M _N	J Kgm ²	Kg (DN)	Kg (DF)
63 A	0.18/0.12	0.25/0.16	2750/1350	0.75/0.5	3/2.5	0.65/0.85	1.3/1.3	1.4/1.5	0.00025	3.7	5.1
63 B	0.22/0.15	0.30/0.20	2760/1360	0.83/0.6	3/2.5	0.76/1	1.3/1.3	1.4/1.5	0.00029	4.5	5.9
71 A	0.30/0.20	0.40/0.28	2780/1400	1.2/1	3/3	1/1.4	1.5/1.3	1.6/1.8	0.00074	5.4	6.8
71 B	0.44/0.30	0.60/0.40	2780/1400	1.6/1.3	3/3	1.5/2	1.5/1.4	1.6/1.8	0.00096	6.4	7.8
80 A	0.60/0.45	0.8/0.6	2780/1400	2/1.6	3.5/3.5	2/3	1.5/1.3	1.8/1.8	0.00191	8.4	10.3
80 B	0.80/0.60	1.1/0.8	2800/1400	2.5/1.9	3.5/3.5	2.7/4	1.6/1.3	1.8/1.8	0.00254	10.5	12.4
90 L	1.8/1.2	2.5/1.7	2830/1420	4.5/3.1	5/4.5	6/8	2.1/2	2.2/2	0.00321	14	17.1
90 LL	2.2/1.5	3/2	2830/1420	5.5/3.7	5/4.5	7.5/10	2.1/2	2.4/2.2	0.00398	16	19.1
100 A	2.5/1.8	3.4/2.5	2830/1420	6.2/4.5	5/4.5	8.3/12	2.3/1.9	2.6/2	0.00519	20	25.6
100 B	3.3/2.5	4.4/3.4	2850/1430	8.1/5.9	6/5	11/16.7	2.4/2.2	2.8/2.4	0.00668	24	29.6
112 A	4.5/3.3	6/4.5	2850/1430	9.8/7	6/5	15/22	2.4/2.3	3/2.4	0.01223	34	43.7
132 S	5.5/4	7.5/5.5	2910/1450	13/9.5	6.5/5.5	18.5/26.5	2.4/2.3	3/2.5	0.01080	44	60
132 M	7.5/6.2	10/8.5	2910/1450	16.5/13.5	7/6	25/42	2.5/2.8	3/2.5	0.01639	59	75
160 M	11/9	15/12.2	2940/1460	23/19.5	7/6	35.7/52.9	2.5/2.6	3/2.5	0.06200	122	149
160 L	17/13	23/17.5	2930/1460	33/26	7.5/6.3	55.4/85	2.4/2.5	3/2.5	0.09200	142	169

4/6 poli/pole/polig 1500/1000 rpm Doppio avvolgimento / Double bobinage / Doppelwicklung

71 B	0.30/0.22	0.40/0.30	1380/890	1/0.9	3.5/2	2/2.3	1.3/1.3	2/1.8	0.00057	6.5	7.9
80 A	0.37/0.26	0.50/0.35	1410/900	1.4/1.2	3.5/2.5	2.5/2.7	1.3/1.4	1.9/2.1	0.00191	8.5	10.4
80 B	0.55/0.45	0.75/0.60	1420/920	2/1.8	3.5/2.5	3.7/4.6	1.5/1.8	2.1/2.3	0.00254	10.5	12.4
90 S	0.75/0.5	1/0.7	1420/920	2.4/2.1	4/2.5	5/5.2	1.4/1.3	2.1/2	0.00242	12.5	15.6
90 L	1.1/0.75	1.5/1	1470/900	3.9/3.7	4.2/2.5	7.3/7.9	1.4/1.4	2.1/2.1	0.00321	14	17.1
100 A	1.3/0.9	1.8/1.2	1430/920	4/3.8	4.5/3	8.6/9.3	1.4/1.4	2.1/2.2	0.00519	21	26.6
100 B	1.5/1.1	2/1.5	1430/930	5.4/4.8	4.5/3	10/11.2	1.4/1.5	2.2/2.3	0.00668	24	29.6
112 A	2.2/1.5	3/2	1430/930	6/5.8	4.5/3.5	14.7/15.4	1.4/1.3	1.7/1.6	0.01052	34	43.7
132 S	2.5/1.8	3.5/2.5	1420/930	6.5/6	5.5/4.8	17/18.8	1.6/1.5	1.8/1.6	0.01080	44	60
132 M	4/3	5.5/4	1440/930	8.5/6.9	6.5/5.5	27/31.4	1.8/1.7	2/1.9	0.01639	59	75
160 M	6.5/4.5	8.8/6	1450/940	15/11.6	5/4.6	43/45	1.8/1.7	2/1.9	0.06200	122	149
160 L	9.5/6.5	13/8.8	1450/940	21/17	5.4/4.4	62/66	2/1.8	2/1.9	0.09200	152	179

4/8 poli/pole/polig 1500/750 rpm Avvolgimento unico / Single winding / Einfachwicklung

63 B	0.09/0.04	0.12/0.06	1360/660	0.6/0.55	3.5/2	0.6/0.57	1.3/1.3	1.9/1.8	0.00029	4.6	6.0
71 B	0.15/0.09	0.20/0.12	1390/690	0.7/0.65	3.5/2	1/1.2	1.3/1.3	1.9/1.8	0.00096	6.5	7.9
80 A	0.29/0.18	0.40/0.25	1410/700	1.3/1.1	3.5/2.5	1.9/2.4	1.5/1.8	2/1.8	0.00191	8.5	10.4
80 B	0.37/0.22	0.5/0.30	1420/700	1.8/1.7	3.5/2.5	2.4/3	1.5/1.8	2/1.8	0.00254	10.5	12.4
90 S	0.6/0.26	0.8/0.35	1430/700	1.9/1.8	4/2.5	4/3.5	1.4/1.3	2/1.8	0.00242	12.5	15.6
90 L	1/0.5	1.3/0.7	1430/700	2.6/2.5	4.5/2.5	6.8/6.8	1.4/1.4	2/1.8	0.00321	14	17.1
100 B	1.5/0.75	2/1	1430/700	3.8/3.6	4.5/3	10/10	1.4/1.5	2/1.8	0.00668	24	29.6
112 A	2.2/1.3	3/1.8	1410/700	4.7/4.3	4.5/3.4	15.2/17.7	1.6/1.5	1.9/1.9	0.01223	34	44
132 S	3.1/1.7	4.2/2.3	1420/710	7/5.9	4.7/3.8	21.2/23.3	1.8/1.8	2/2.1	0.01080	44	60
132 M	5/2.8	6.8/3.8	1440/720	13/8.2	5.2/4.3	33.7/3.7	1.8/1.8	2.2/2.3	0.01639	59	75
160 M	6/4	8/5.5	1440/720	13/9.2	5/4.6	39.8/53	1.6/1.5	2/2	0.06200	122	149
160 L	11/7.5	15/10	1440/720	22/17.5	5.2/4.7	43/100	1.7/1.5	2/2	0.09200	142	169

DN		Motori trifase a doppia polarità Threephase two speed motors Polumschaltbare - Drehstrommotoren
DF DFP DFS		Motori trifase autofrenanti a doppia polarità Threephase two speed brake motors Polumschaltbare - Bremsmotoren

2/6 poli/pole/polig 3000/1000 rpm Doppio avvolgimento / Double bobinage / Doppelwicklung

Tipo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	I _N (400V) A	$\frac{I_{sp}}{I_N}$	M _N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	J Kgm ²	Kg (DN)	Kg (DF)
71 C	0.25/0.15	0.33/0.20	2780/850	1.15/0.9	4/2	0.85/1.7	1.6/1.3	2/1.8	0.00117	7	8.4
80 C	0.75/0.37	1/0.50	2800/880	2.7/1.8	4.2/2.5	2.5/4	1.8/1.8	2.4/2.3	0.00285	11.5	13.4
90 S	1.1/0.55	1.5/0.75	2800/900	3.3/1.6	4.5/2.5	3.75/5.8	1.6/1.5	2.4/2.4	0.00242	12.5	15.6
90 LB	1.5/0.75	2/1	2800/910	4.3/3.7	4.8/2.8	5.2/7.9	1.6/1.5	2.3/2.4	0.00321	14	17.1
100 B	2.2/1.1	3/1.5	2820/910	5.5/4.8	5/3	7.5/11.5	1.8/1.5	2.4/2.3	0.00668	24	29.6
112 B	3/1.5	4/2	2820/920	6.9/5.8	5.5/3.5	10.2/15.6	1.9/1.3	2.5/1.8	0.01052	29	38.7
132 S	4/1.7	5.5/2.3	2840/930	9/4.3	5/4	13.3/13	2/1.8	2.3/1.8	0.01940	44	60
132 M	5.5/2	7.5/2.7	2850/930	12/6	5.5/4.6	18.2/20	2.2/1.8	2.3/1.8	0.03430	60	77
160 M	7.5/2.5	10.2/3.4	2880/950	16/7	6/4.7	25/25	2/2	1.8/1.8	0.06200	122	149
160 L	11/3.7	15/5	2900/960	25/11	6.2/4.8	36/36.8	2/2	1.8/1.8	0.09200	142	169

2/8 poli/pole/polig 3000/750 rpm Doppio avvolgimento / Double bobinage / Doppelwicklung

Tipo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	I _N (400V) A	$\frac{I_{sp}}{I_N}$	M _N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	J Kgm ²	Kg (DN)	Kg (DF)
63 C	0.18/0.06	0.25/0.08	2750/640	0.90/0.50	3.4/2.3	0.62/0.88	1.6/1.9	1.8/1.6	0.00034	4.8	6.2
71 C	0.30/0.09	0.40/0.12	2770/660	1.15/0.65	4/2.3	1/1.35	1.6/2	2/1.6	0.00117	7	0.4
80 B	0.55/0.11	0.75/0.15	2800/680	2/0.9	4/2.4	1.9/1.65	1.8/2	2.2/1.8	0.00254	10.5	12.4
80 C	0.6/0.13	0.85/0.18	2800/680	2.6/1.2	4.2/2.4	2.1/1.85	1.8/2	2.4/2.1	0.00225	11.5	13.4
90 S	1.1/0.3	1.5/0.4	2830/700	3.3/1.5	4.5/2.5	3.7/4.1	1.6/1.8	2.4/2	0.00242	12.5	15.6
90 L	1.5/0.4	2/0.55	2850/700	4/1.6	4.5/2.5	5.1/5.5	1.6/1.8	2.4/2.1	0.00321	14	17.1
90 LB	1.8/0.5	2.5/0.65	2870/700	4.3/2	4.8/2.7	6/6.9	1.6/1.8	2/1.6	0.00400	16	19.1
100 B	2.2/0.6	3/0.8	2900/710	5.5/3	5/2.9	7.3/8.1	1.8/1.9	2/1.8	0.00668	24	29.6
112 A	3/0.75	4/1	2920/710	6.9/3.4	5.5/2.9	9.8/10.1	1.9/2	2.2/2	0.01052	29	38.7
132 S	4/1	5.5/1.3	2880/710	8.6/4.5	5/3.8	13/13.5	1.9/1.8	2.2/2	0.02688	44	60
132 M	5.5/1.4	7.5/1.9	2890/700	11.8/6	5.5/3/8	18.2/19.1	1.9/1.8	2.2/2	0.03430	60	77
160 M	7.5/1.8	10/2.5	2900/730	16.5/7	6/3.4	24.7/23.5	2/1.7	2/2	0.06200	122	149
160 L	11/2.5	15/3.4	2900/730	22/9	6.2/4	36.2/32.7	1.9/1.6	2.1/2	0.09200	142	169

6/8 poli/pole/polig 1000/750 rpm Doppio avvolgimento / Double bobinage / Doppelwicklung

Tipo Type Typ	P _N kW	P _N HP	n _n min ⁻¹	I _N (400V) A	$\frac{I_{sp}}{I_N}$	M _N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	J Kgm ²	Kg (DN)	Kg (DF)
71 C	0.15/0.09	0.20/0.12	850/660	0.9/0.65	2/1.8	1.7/1.35	1.3/2	1.8/1.6	0.00117	7	8.4
80 C	0.30/0.13	0.40/0.18	880/680	1.8/1.2	2.5/2.2	4/1.85	1.8/2	2.3/2.1	0.00285	11.5	13.4
90 S	0.37/0.25	0.5/0.33	900/700	1.7/1.4	2.5/2.5	5.8/4.1	1.5/2	2.4/2.1	0.00242	12.5	15.6
90 LB	0.60/0.37	0.8/0.5	910/870	2.7/1.8	2.8/2.7	7.9/6.9	1.3/1.8	2.4/1.6	0.00400	14.5	17.6
100 B	1/0.50	1.30/0.70	910/710	4/2.5	3/2.9	11.5/8.1	1.5/1.8	2.3/1.8	0.00668	24	29.6
112 B	1.5/0.75	2/1	920/710	5/3.3	3.5/2.9	15.6/10.1	1.8/2	2.2/1.8	0.01052	29	38.6
132 S	1.8/1	2.5/1.3	940/720	6.6/5.1	4.5/4	18.3/13.3	1.8/1.7	2.2/1.8	0.02688	44	60
132 M	3/2.2	4/3	940/720	9.3/7.4	4.5/4	30.5/21.2	1.7/1.6	2.3/1.8	0.03430	60	77
160 M	5.5/4	7.5/5.5	970/720	12.5/9.5	5.2/4.3	54/53	1.6/1.6	2.2/1.8	0.06200	122	149
160 L	7.5/5.5	10/7.5	970/720	15.5/14.5	5.4/4.4	74/73	1.7/1.6	2.2/1.8	0.09200	142	169