

Single phase motors

MN

Technical data

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Dimensions

3



**MN
XN**



Motori monofase standard
Standard single phase motors
Standard Einphasenmotoren

**MF
XF**



Motori monofase autofrenanti standard
Standard single phase brake motors
Standard Einphasenbremsmotoren

2 poli/pole/polig 3000 rpm

Tipo Type Typ	kW	HP	n_n min ⁻¹	η %	cos ϕ	I_N (230V) A	$\frac{I_{sp}}{I_N}$	M_N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	C μ F	J Kgm ²	Kg (MN)	Kg (MF)
56 A	0.09	0.12	2740	54	0.90	0.85	2.4	0.28	0.58	1.4	6.3	0.00011	3	4.1
63 B	0.18	0.25	2750	54	0.92	1.5	2.5	0.62	0.62	1.6	8	0.00025	4.7	6.2
63 C	0.25	0.33	2750	56	0.94	2.2	2.5	0.85	0.66	1.6	10	0.00034	4.8	6.3
71 B	0.37	0.5	2780	60	0.94	3.2	3	1.28	0.70	1.8	12.5	0.00047	6.7	8.2
71 C	0.55	0.75	2800	64	0.96	4	3.5	1.9	0.70	1.8	16	0.00057	7.4	8.9
80 B	0.75	1	2820	70	0.96	5.5	3.5	2.5	0.74	1.8	20	0.00105	11	13.2
90 S	1.1	1.5	2830	70	0.98	8.5	3.6	3.8	0.76	1.9	30	0.00172	13.2	16.3
90 L	1.5	2	2830	74	0.98	11.5	3.6	5.1	0.76	1.9	35	0.00191	15.1	18.2
100 A	2.2	3	2830	76	0.98	13.2	4	7.4	0.70	1.9	60	0.00299	23	28.3

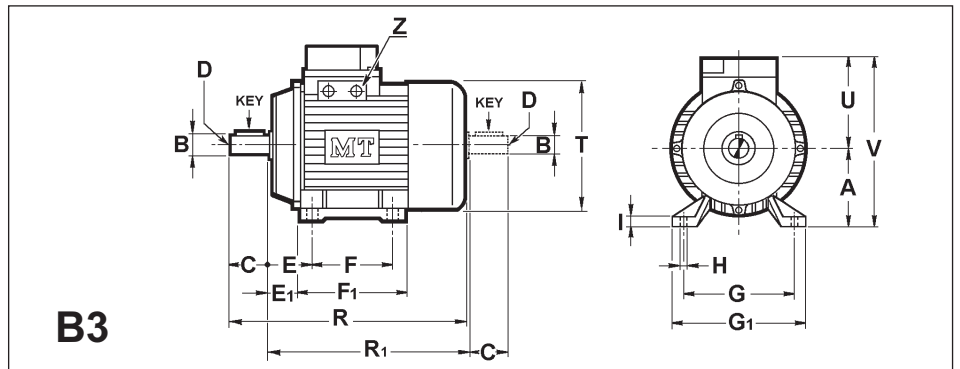
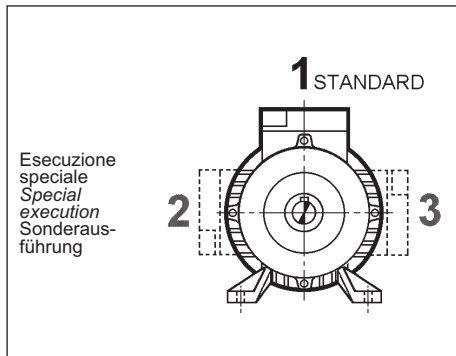
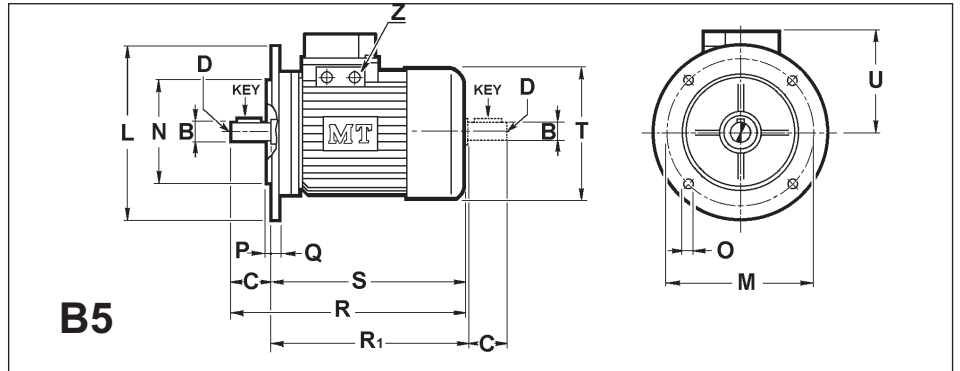
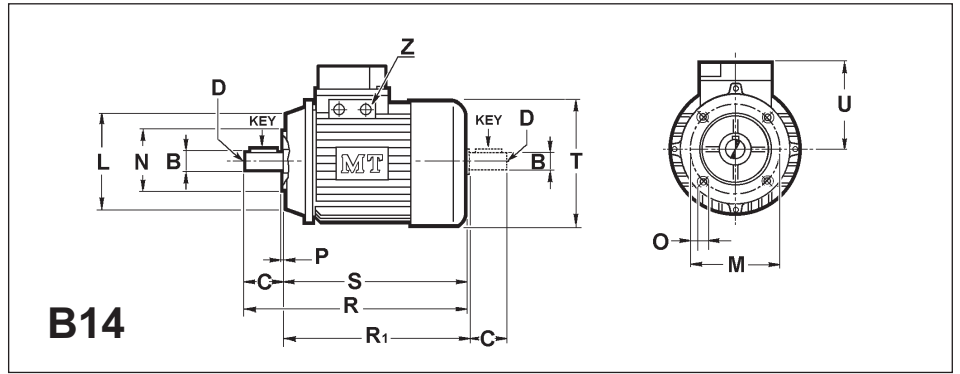
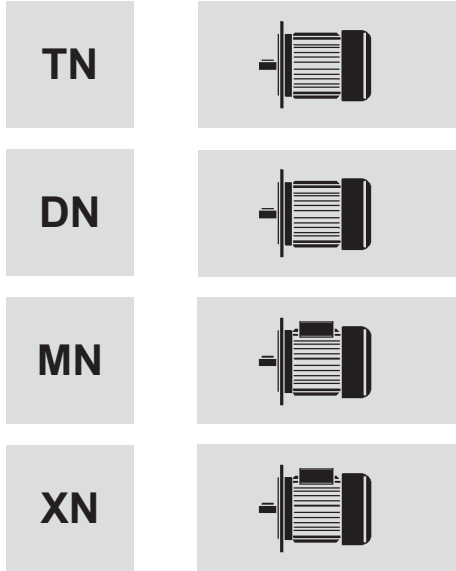
4 poli/pole/polig 1500 rpm

Tipo Type Typ	kW	HP	n_n min ⁻¹	η %	cos ϕ	I_N (230V) A	$\frac{I_{sp}}{I_N}$	M_N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	C μ F	J Kgm ²	Kg (MN)	Kg (MF)
56 B	0.09	0.12	1340	54	0.90	0.95	1.6	0.65	0.90	1.4	6.3	0.00018	3.1	4.2
63 B	0.12	0.16	1370	58	0.90	1.2	2.5	0.84	0.74	1.6	6.3	0.00025	4.6	6.1
63 C	0.18	0.25	1370	58	0.92	1.6	2.5	1.3	0.78	1.6	8	0.00034	4.8	6.3
71 B	0.25	0.33	1380	58	0.94	2.3	2.5	1.8	0.78	1.6	14	0.00096	6.6	8.1
71 C	0.37	0.5	1380	58	0.94	3	2.8	2.5	0.82	1.6	16	0.00117	7.2	8.7
80 B	0.55	0.75	1400	62	0.94	4.2	3	3.7	0.75	1.8	20	0.00254	10.8	13
80C	0.75	1	1400	66	0.94	6.5	3	5.1	0.73	1.8	25	0.00285	11.8	14
80 D	0.88	1.2	1400	66	0.94	7	3	6	0.70	1.8	30	0.00316	12.3	14.5
90 S	1.1	1.5	1410	68	0.96	8.5	3.2	7.5	0.70	1.8	30	0.00320	12.9	16.0
90 L	1.5	2	1410	68	0.96	9.3	3.2	10.2	0.65	1.8	35	0.00398	14.5	17.6
100 A	1.8	2.5	1420	70	0.96	12.5	3.2	12.1	0.60	1.8	40	0.00520	21	26.5
100 B	2.2	3	1420	70	0.96	15.0	3.2	14.8	0.60	1.8	50	0.00668	25	30.5

6 poli/pole/polig 1000 rpm

Tipo Type Typ	kW	HP	n_n min ⁻¹	η %	cos ϕ	I_N (230V) A	$\frac{I_{sp}}{I_N}$	M_N Nm	$\frac{M_{sp}}{M_N}$	$\frac{M_{MAX}}{M_N}$	C μ F	J Kgm ²	Kg (MN)	Kg (MF)
63	0.12	0.16	870	50	0.90	1.5	2.5	1.12	0.68	1.4	8	0.00034	4.8	6.3
71 B	0.18	0.25	900	52	0.92	2	2.5	1.9	0.70	1.4	10	0.00117	6.6	8.1
80 A	0.37	0.5	920	58	0.94	3.5	2.7	3.8	0.72	1.5	16	0.00254	8.8	11
90 S	0.55	0.75	920	62	0.96	4.6	3	5.7	0.76	1.6	25	0.00242	12.9	16.0
90L	0.75	1	930	65	0.96	6.1	3	7.8	0.76	1.6	30	0.00321	14.5	17.6
100 A	1.1	1.5	930	66	0.96	9	3.2	11.3	0.70	1.8	40	0.00662	21	26.5
100 B	1.5	2	930	66	0.96	13.5	3.2	15.4	0.70	1.8	50	0.00812	25	30.5

12.0 DIMENSIONI
DIMENSIONS
ABMESSUNGEN



N.B.
La bisporgenza dell'albero è disponibile
fino alla GR.132

N.B.
The double shaft extension is available up
to size 132.

N.B.
Die beidseitig vorstehende Welle is bis zur
Größe 132 verfügbar.

12.0 DIMENSIONI

12.0 DIMENSIONS

12.0 ABMESSUNGEN

	B3										B14					
	A	E	E1	F	F1	G	G1	H	I	V	L	M	N	O	P	S
55	—	—	—	—	—	—	—	—	—	—	80	65	50	M5	2.5	145
56	56	36	26	71	90	90	108	6	9	149	80	65	50	M5	2.5	167
63	63	40	28	80	105	100	120	7	10	161	90	75	60	M5	2.5	192
71	71	45	36	90	108	112	136	7	11	178	105	85	70	M6	2.5	220
80	80	50	38	100	125	125	154	9.5	11	204	120	100	80	M6	3	235
90S	90	56	41	100	130	140	174	9.5	13	217	140	115	95	M8	3	250
90L	90	56	41	125	155	140	174	9.5	13	217	140	115	95	M8	3	275
100	100	63	46	140	175	160	192	12	14	238	160	130	110	M8	3.5	310
112	112	70	53	140	180	190	234	12	14	262	160	130	110	M8	3.5	330
132S	132	89	60	140	180	216	256	12	16	310	200	165	130	M10	4	370
132M	132	89	60	178	218	216	256	12	16	310	200	165	130	M10	4	410
160 M	160	108	83	210	260	254	310	15	22	400						
160 L	160	108	72	254	320	254	330	15	22	400						
180 M	180	121	80	241	315	279	355	19	24	450						
180 L	180	121	80	279	353	279	355	19	24	450						
200 L	200	133	91	305	400	318	395	19	27	500						
225 S	225	149	61	286	450	356	435	19	30	550						
225 M	225	149	101	311	450	356	435	19	30	550						
250 M	250	168	108	349	460	406	490	24	33	610						
280 S	280	190	106	368	525	457	550	24	38	670						
280 M	280	190	106	419	576	457	550	24	38	670						
315 S	315	216	112	406	615	508	640	28	48	865						
315 M	315	216	112	457	665	508	640	28	48	865						
315 L	315	216	97	508	745	508	640	28	48	865						
355 M	355	254	174	560	790	610	730	28	52	960						
355 L	355	254	174	630	790	610	730	28	52	960						

	B3 - B5 - B14													B5							
	B		C		D	R		R1		T	U	Z	Key		L	M	N	O	P	Q	S
	2 p	4/6/8 p	2 p	4/6/8 p		2 p	4/6/8 p	2 p	4/6/8 p				2 p	4/6/8 p							
55	9 j6	9 j6	20	20	M4	165	165	—	—	103	76	—	3x3x15	3x3x15	—	—	—	—	—	—	—
56	9 j6	9 j6	20	20	M4	187	187	171	171	110	93	M16x1.5	3x3x15	3x3x15	120	100	80	7	3	8	167
63	11 j6	11 j6	23	23	M4	215	215	193	193	123	98	M16x1.5	4x4x15	4x4x15	140	115	95	9	3	9	192
71	14 j6	14 j6	30	30	M5	250	250	218	218	138	107	M20x1.5	5x5x20	5x5x20	160	130	110	9	3.5	9	218
80	19 j6	19 j6	40	40	M6	275	275	237	237	156	124	M20x1.5	6x6x30	6x6x30	200	165	130	11	3.5	10	235
90S	24 j6	24 j6	50	50	M8	300	300	256	256	176	127	M20x1.5	8x7x40	8x7x40	200	165	130	11	3.5	10	250
90L	24 j6	24 j6	50	50	M8	325	325	281	281	176	127	M20x1.5	8x7x40	8x7x40	200	165	130	11	3.5	10	275
100	28 j6	28 j6	60	60	M10	370	370	310	310	192	138	M20x1.5	8x7x40	8x7x40	250	215	180	14	4	14	308
112	28 j6	28 j6	60	60	M10	390	390	331	331	216	150	M20x1.5	8x7x40	8x7x40	250	215	180	14	4	14	330
132S	38 k6	38 k6	80	80	M12	450	450	376	376	257	178	M25x1.5	10x8x70	10x8x70	300	265	230	14	4	20	370
132M	38 k6	38 k6	80	80	M12	490	490	411	411	257	178	M25x1.5	10x8x70	10x8x70	300	265	230	14	4	20	408
160 M	42 k6	42 k6	110	110	M16	615	615	510	510	310	340	M32x1.5	12x8	12x8	350	300	250	19	5	16	490
160 L	42 k6	42 k6	110	110	M16	659	659	554	554	310	340	M32x1.5	12x8	12x8	350	300	250	19	5	16	535
180 M	48 k6	48 k6	110	110	M16	670	670	570	570	360	270	M32x1.5	14x8	14x9	350	300	250	19	5	18	560
180 L	48 k6	48 k6	110	110	M16	710	710	610	610	360	270	M32x1.5	14x8	14x9	350	300	250	19	5	18	600
200 L	55 k6	55 k6	110	110	M20	775	775	675	675	400	300	M32x1.5	16x10	16x10	400	350	300	19	5	18	665
225 S	—	60 k6	—	140	M20	—	820	690	690	450	325	M50x1.5	—	18x11	450	400	350	19 •	5	20	680
225 M	55 k6	60 k6	110	140	M20	815	845	715	715	450	325	M50x1.5	16x10	18x11	450	400	350	19 •	5	20	705
250 M	60 k6	65 k6	140	140	M20	930	930	800	800	495	360	M50x1.5	18x11	18x11	550	500	450	19 •	5	22	790
280 S	65 k6	75 k6	140	140	M20	1000	1000	880	880	555	390	M63x1.5	18x11	20x12	550	500	450	19 •	5	22	860
280 M	65 k6	75 k6	140	140	M20	1050	1050	930	930	555	390	M63x1.5	18x11	20x12	550	500	450	19 •	5	22	910
315 S	65 k6	80 k6	140	170	M20	1155	1185	1040	1040	630	550	M63x1.5	18x11	22x14	660	600	550	24 •	6	25	1015
315 M	65 k6	80 k6	140	170	M20	1210	1240	1095	1095	630	550	M63x1.5	18x11	22x14	660	600	550	24 •	6	25	1070
315 L	65 k6	80 k6	140	170	M20	1210	1240	1095	1095	630	550	M63x1.5	18x11	22x14	660	600	550	24 •	6	25	1070
355 M	75 k6	95 k6	140	170	M20	1485	1515	1360	1360	715	605	M72x1.5	20x12	25x14	800	740	680	24 •	6	25	1345
355 L	75 k6	95 k6	140	170	M20	1485	1515	1360	1360	715	605	M72x1.5	20x12	25x14	800	740	680	24 •	6	25	1345

• N° 8 fori a 45°

• N° 8 holes 45°

• N° 8 Bohrungen 45°