

CATALOGO 1A



Motori Asincroni Trifasi con Rotore a Gabbia

Eurotensione 400 V
Costruzione Chiusa
Ventilazione esterna
Grandezza 63 - 315

Motori Asincroni Trifasi con Rotore a Gabbia

COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - GRANDEZZA 63 - 315

I motori di questo catalogo sono chiusi, raffreddati con ventilazione superficiale esterna ed hanno il rotore a gabbia. Sono progettati, costruiti e collaudati in conformità alle norme CEI 2-3, alle norme internazionali IEC 34-1 e alle principali norme straniere.

Sono unificati come abbinamento potenze-dimensioni secondo le norme nazionali UNEL, internazionali IEC 72 e secondo l'unificazione adottata dai paesi aderenti al Mercato Comune Europeo.

I motori di questo catalogo sono disponibili in esecuzione UR-CSA per i mercati canadese e statunitense.

Per qualsiasi informazione o per problemi specifici contattare il nostro ufficio tecnico.

**ASYNCHRONOUS THREE-PHASE MOTORS WITH SQUIREL CAGE ROTOR
ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - SIZES 63 - 315**

The motors described in this catalogue are enclosed, cooled by and external surface ventilation and provided with a squirrel cage rotor.

They are designed, manufactured and tested in compliance with the CEI Standards 2-3, with the IEC 34-1 International Recommendations and with the main foreign standards.

Concerning the coupling powers-sizes they are standardized according to the UNEL National Standards, the IEC 72 International Recommendations and according to the Standardization adopted by European Common Market Member Countries.

The motors described in this catalogue are available in UR-CSA execution for the Canadian and US markets.

For any information or special question you can apply to our technical department.

**DREHSTROM-ASYNCHRONMOTOREN MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG BAUGRÖSSEN 63 - 315**

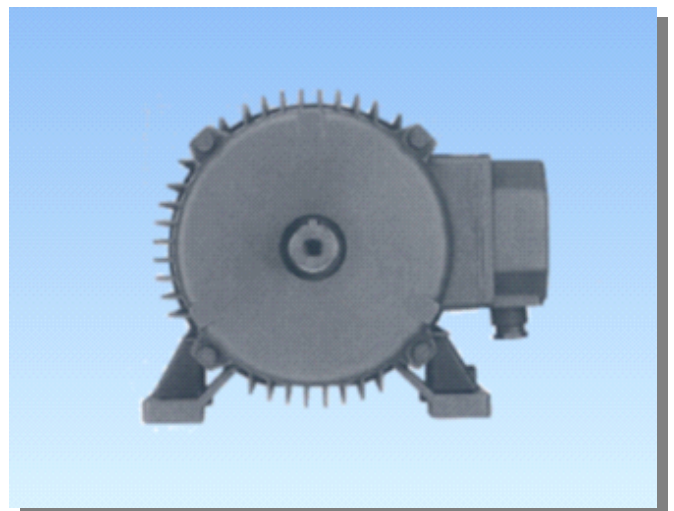
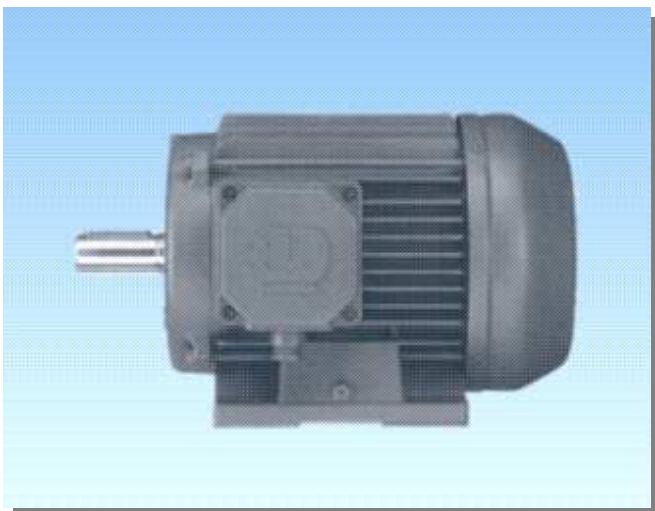
Die in diesem Katalog beschriebenen Motoren sind geschlossene, oberflächengekühlte, Drehstrom-Asynchronmotoren mit Käfigläufer, die in Norm- und Sonderausführung lieferbar sind.

Die technische Auslegung, Fertigung und Prüfung der Motoren erfolgt nach den bekannten Normen CEI 2-3, den internationalen Vorschriften IEC 34-1 und den wichtigsten ausländischen Bestimmungen.

Unsere Anbaumasse und die Zuordnung der Leistungen entsprechen den UNEL-Normen, den internationalen IEC-72-Empfehlungen und erfüllen die von den EG-Mitgliedsstaaten vereinbarte Standardisierung der Daten und Masse umlaufender elektrischer Maschinen.

Die in diesem Katalog beschriebenen Motoren sind in UR-CSA Ausführung lieferbar und für die kanadischen und US-amerikanischen Märkte bestimmt.

Für weitere Auskünfte oder spezifische Fragen wenden Sie sich bitte an unsere technische Abteilung.



MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 2 poli - 3000 giri/min - 50 Hz

CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 2 poles - 3000 rpm - 50 Hz

WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 2 polig - 3000 U/min - 50 Hz

MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG

Tipo motore	Potenza kW	Velocità giri/min	J rotore Kgm ²	Rend. %	Fattore di potenza cos. FI	Corrente In a 400V. A	Coppia nom. Cn Nm.	Coppia di spunto Ca / Cn	Corrente di spunto Ia / In	Coppia max. Cmax/Cn	B3 Peso Kg
63-a	0.18	2680	0.000241	64	0.75	0.54	0.641	2.4	3.5	2.5	3.3
63-b	0.25	2700	0.00024	64	0.75	0.75	0.884	2.4	3.5	2.5	3.8
71-a	0.37	2800	0.00035	71	0.8	0.94	1.262	2.2	4	2.3	6
71-b	0.55	2810	0.00052	71	0.8	1.4	1.869	2.5	4.6	2.6	7
80-a	0.75	2820	0.00122	76	0.81	1.8	2.54	2.3	4.5	2.4	8.6
80-b	1.1	2820	0.0017	76.2	0.81	2.6	3.72	2.3	4.8	2.4	10.2
90S	1.5	2840	0.0012	78.5	0.80	3.4	5.04	2.4	4.9	2.5	11.5
90L	2.2	2840	0.0019	81.0	0.78	5.0	7.40	2.4	4.9	2.5	13.5
100L	3	2850	0.0032	82.6	0.81	6.4	10.1	2.6	6.5	2.8	20.5
112MT-a	4	2860	0.0042	84.2	0.80	8.6	13.4	2.6	6.5	2.8	23
112MT-b	5.5	2880	0.0055	83.5	0.84	11.3	18.2	2.5	7	2.8	28.2
132S-a	5.5	2900	0.0090	85.7	0.85	10.9	18.1	2.5	7	2.8	38.4
132S-b	7.5	2900	0.0113	87.0	0.85	14.7	24.7	2.5	7	2.8	42
132M	9	2910	0.015	86.0	0.86	17.6	29.5	2.4	7	2.7	47.5
160MT-a	11	2910	0.017	88.4	0.84	21	36.1	2.5	6.5	2.7	58
160MT-b	15	2930	0.023	89.4	0.85	29	48.9	2.6	6.7	2.8	68
160L	18.5	2940	0.043	90.0	0.85	35	60.1	2.6	6.9	2.8	90
180MT	22	2950	0.051	90.5	0.85	42	71.2	2.7	7	2.9	110
180LT	25	2950	0.059	89.5	0.86	47	80.9	2.7	7	2.9	116
200LT-a	30	2950	0.089	91.4	0.86	55	97	2.7	7.3	3	142
200LT-b	37	2960	0.111	92.0	0.86	68	119	2.7	7.3	3	162
225MT	45	2960	0.180	92.5	0.86	82	145	2.7	7.5	3	210
250MT	55	2970	0.283	93.0	0.87	98	177	2.8	7.6	3	280
280ST	75	2970	0.493	93.6	0.87	132	241	2.6	7.2	2.9	372
280MT	90	2970	0.587	93.9	0.88	158	289	2.7	7.5	3	407
315ST	110	2975	0.751	93.5	0.89	191	353	2.6	7.5	2.8	496
315M-a	132	2980	1.27	93.5	0.89	229	423	2.5	7.4	2.7	620
315M-b	160	2980	1.52	93.5	0.89	278	513	2.5	7.4	2.7	668
315M-c	200	2980	1.83	94	0.9	342	641	2.5	7.4	2.7	760

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauforn



Per altezze d'asse superiori al 315 richiedere lo specifico catalogo.

For size bigger as 315, please ask for the specific catalogue.

Für Baugröße höher als 315 bitte fragen Sie nach den besonderen Katalog.

Potenze comprese tra 1.1÷90 kW
(indicate in grassetto)

Powers included between 1.1÷90 kW
(mentioned in bold)

Leistungen zwischen 1.1÷90 kW enthalten
(in halbfetter Schrift angegeben)

MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 4 poli - 1500 giri/min - 50 Hz

CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 4 poles - 1500 rpm - 50 Hz

WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 4 polig - 1500 U/min - 50 Hz

MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG

Tipo motore	Potenza kW	Velocità giri/min	J rotore Kgm ²	Rend. %	Fattore di potenza cos. FI	Corrente In a 400V. A	Coppia nom. Cn Nm.	Coppia di spunto Ca / Cn	Corrente di spunto Ia / In	Coppia max. Cmax/Cn	B3 Peso Kg
63-a	0.13	1340	0.00024	60	0.6	0.52	0.93	2.3	3	2.3	3.8
63-b	0.18	1340	0.00029	61	0.6	0.71	1.28	2.3	3	2.3	4.1
71-a	0.25	1350	0.00035	68	0.65	0.82	1.77	2	3.5	2	5.7
71-b	0.37	1350	0.00052	69	0.67	1.2	2.62	2	3.5	2	7
80-a	0.55	1360	0.00122	72	0.7	1.6	3.86	2.3	4.3	2.3	8.6
80-b	0.75	1360	0.0017	73	0.73	2.0	5.27	2.3	4.3	2.3	10
90S	1.1	1380	0.0022	76.2	0.78	2.7	7.61	2.3	4.5	2.5	11.9
90L	1.5	1380	0.0028	78.5	0.77	3.6	10.4	2.3	4.5	2.5	14.2
100L-a	2.2	1410	0.0050	81	0.79	5.0	14.9	2	4.5	2.2	18.7
100L-b	3	1410	0.006	82.6	0.80	6.5	20.3	2	4.5	2.2	21.2
112MT	4	1420	0.009	84.2	0.81	8.5	26.9	2.4	5	2.5	25.7
132S	5.5	1430	0.021	85.7	0.80	11.5	36.7	2.1	6	2.5	43
132M-a	7.5	1430	0.028	87	0.81	15.4	50.1	2.1	6	2.5	50.3
132M-b	9	1430	0.034	87	0.81	18.4	60.1	2.1	6	2.5	55.8
160MT	11	1465	0.039	88.4	0.83	21.8	71.7	2.6	5.9	2.6	69.5
160L	15	1465	0.080	89.4	0.82	30	97.8	2.6	6	2.6	89
180MT	18.5	1470	0.098	90	0.83	36	120.2	2.5	6.5	2.8	110
180LT	22	1470	0.12	90.5	0.83	43	142.9	2.5	6.5	2.8	119
200LT	30	1470	0.16	91.4	0.85	56	194.9	2.4	6.5	2.8	155
225ST	37	1480	0.31	92	0.84	69	239	2.6	7.1	2.9	202
225MT	45	1480	0.39	92.5	0.84	84	290	2.6	7.1	2.9	235
250MT	55	1480	0.51	93	0.85	100	355	2.5	7.3	2.6	286
280ST	75	1485	1.15	93.6	0.86	134	482	2.5	7.3	2.7	387
280MT	90	1485	1.31	93.9	0.86	160	579	2.6	6.7	2.7	415
315ST	110	1485	1.55	94	0.88	193	708	2.6	6.7	2.7	496
315M-a	132	1485	2.6	94	0.88	231	849	1.5	5.6	2.7	630
315M-b	160	1485	3.5	94	0.88	280	1029	1.7	6.4	3	740
315M-c	200	1485	4.16	94.2	0.89	345	1286	1.7	6.6	3	882

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform



VOLUNTARY AGREEMENT

CEMEP EUROPEAN COMMISSION DG XVII

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Powers included between 1.1÷90 kW
(mentioned in bold)

Leistungen zwischen 1.1÷90 kW enthalten
(in halbfetter Schrift angegeben)

MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 6 poli - 1000 giri/min - 50 Hz

CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 6 poles - 1000 rpm - 50 Hz

WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 6 polig - 1000 U/min - 50 Hz

MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG

Tipo motore	Potenza kW	Velocità giri/min	J rotore Kgm ²	Rend. %	Fattore di potenza cos. FI	Corrente In a 400V. A	Coppia nom. Cn Nm.	Coppia di spunto Ca / Cn	Corrente di spunto Ia / In	Coppia max. Cmax/Cn	B3 Peso Kg
63-a	0.09	880	0.00029	43	0.6	0.50	0.98	1.7	2.2	1.9	5
63-b	0.11	890	0.00039	45	0.6	0.59	1.18	1.7	2.8	1.9	5.2
71-a	0.18	890	0.00105	54	0.61	0.79	1.93	1.7	2.8	1.9	5.8
71-b	0.22	890	0.00129	55	0.61	0.95	2.36	1.8	2.8	2	6.5
80-a	0.37	900	0.00164	66	0.71	1.1	3.93	1.8	3	2	7.4
80-b	0.55	900	0.00256	69	0.71	1.6	5.84	2.05	3.5	2.2	9.8
90S	0.75	910	0.00354	72	0.72	2.1	7.87	1.9	3.8	2.1	10.8
90L	1.1	910	0.0051	73	0.72	3.0	11.5	2	4	2	13.5
100L	1.5	920	0.0087	75	0.73	4.0	15.6	2.1	4.7	2.3	19.6
112MT	2.2	940	0.014	78	0.75	5.4	22.4	2.2	5.5	2.5	25
132S	3	950	0.023	80	0.78	6.9	30.2	2	5.6	2.3	39
132M-a	4	950	0.031	82	0.78	9.0	40.2	2.3	5.8	2.6	45.5
132M-b	5.5	950	0.041	83	0.78	12.3	55.3	2.3	6	2.6	52.5
160MT	7.5	960	0.054	85	0.8	15.9	74.6	2.1	6	2.6	69
160L	11	960	0.109	86	0.81	23	109	2.3	6.4	2.9	88
180LT	15	970	0.141	87	0.82	30	148	2.4	7.2	3	114
200LT-a	18.5	975	0.271	88	0.83	37	181	2.3	6.8	2.8	145
200LT-b	22	975	0.320	88	0.83	44	216	2.3	6.8	2.8	155
225MT	30	980	0.541	90	0.84	57	292	2.4	6.1	2.6	234
250MT	37	980	0.752	91	0.84	70	361	2.4	6.8	2.7	295
280ST	45	985	1.37	92	0.84	84	436	2.3	6.5	2.4	381
280MT	55	985	1.68	92.5	0.84	102	533	2.3	6.5	2.4	421
315ST	75	985	2.37	92.5	0.85	138	727	2.1	6	2.3	526
315M-a	90	988	3.1	93.5	0.82	170	870	1.5	5.5	2.8	642
315M-b	110	988	3.5	93.5	0.82	207	1063	1.5	5.5	2.8	672
315M-c	132	988	4.1	93.8	0.83	245	1276	1.6	5.7	2.8	730
315M-d	160	988	5	94	0.83	296	1546	1.7	5.7	2.8	910

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

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MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 8 poli - 750 giri/min - 50 Hz
 CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 8 poles - 750 rpm - 50 Hz
 WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 8 polig - 750 U/min - 50 Hz
 MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG

Tipo motore	Potenza kW	Velocità giri/min	J rotore Kgm ²	Rend. %	Fattore di potenza cos. FI	Corrente In a 400V. A	Coppia nom. Cn Nm.	Coppia di spunto Ca / Cn	Corrente di spunto Ia / In	Coppia max. Cmax/Cn	B3 Peso Kg
63-a	0.05	640	0.00029	40	0.53	0.34	0.75	1.5	2	1.6	5
63-b	0.07	640	0.00039	44	0.54	0.43	1.04	1.5	2	1.6	5
71-a	0.11	650	0.0011	44	0.56	0.65	1.6	1.5	2	1.6	6
71-b	0.15	650	0.0013	46	0.57	0.83	2.2	1.6	2.1	1.6	6.5
80-a	0.18	670	0.0016	52	0.6	0.83	2.6	1.8	3	2	7.3
80-b	0.25	670	0.0026	61	0.6	1.0	3.6	1.8	3	2	9.7
90S	0.37	680	0.0030	64	0.63	1.3	5.2	1.8	3.2	2	10.6
90L	0.55	690	0.0045	67	0.63	1.9	7.6	1.8	3.4	2	13.3
100L-a	0.75	690	0.0087	68	0.64	2.5	10.4	2	3.4	2.1	19.3
100L-b	1.1	690	0.0109	70	0.64	3.5	15.2	2	3.4	2.1	21.5
112MT	1.5	700	0.0141	73	0.65	4.6	20.5	1.9	3.5	2.4	25
132S	2.2	705	0.0307	78	0.71	5.7	29.8	1.9	4.6	2.2	45
132M	3	710	0.0409	79	0.72	7.6	40.4	1.9	5	2.3	52
160MT	4	710	0.0537	80	0.73	9.9	53.8	2	5	2.1	68.5
160M	5.5	715	0.0772	82	0.73	13	73	2	5.2	2.1	70
160L	7.5	720	0.109	84	0.74	17	100	2.1	5.4	2.2	87.5
180LT	11	730	0.154	86	0.76	24	144	2.1	5.1	2	117
200LT	15	730	0.345	87	0.76	33	196	2.1	5.4	2.3	155
225ST	18.5	730	0.505	88	0.79	38	242	2.3	5.3	2.3	207
225MT	22	730	0.577	89	0.79	45	288	2.3	5.3	2.4	243
250MT	30	735	0.902	90	0.8	60	390	2.4	5.5	2.6	317
280ST	37	735	1.75	90.5	0.8	74	481	2.1	5	2.3	420
280MT	45	735	2.12	91	0.8	89	585	2.1	5.1	2.3	460
315ST	55	740	2.43	92	0.8	108	710	2.3	5.5	2.2	525
315M-a	75	740	3	93	0.8	146	968	1.4	5.4	2.4	642
315M-b	90	740	3.4	93.5	0.8	174	1161	1.4	5.6	2.5	754
315M-c	110	740	4.4	93.8	0.8	212	1419	1.4	5.6	2.5	861
315M-d	132	740	5	94	0.8	254	1703	1.4	5.6	2.5	990

Tipo	Type	Type
Potenza	Rated power	Leistung
Velocità	Speed	Drehzahl
Momento d'inerzia	Inertia moment	Trägheitsmoment
Rendimento	Efficiency	Wirkungsgrad
Fattore di potenza	Power factor	Leistungsfaktor
Corrente	Rated current	Strom
Coppia nominale	Rated torque	Nennmoment
Coppia di spunto	Starting torque	Anlaufdrehmoment
Corrente di spunto	Starting current	Anlassstrom
Coppia massima	Maximum torque	Max. Drehmoment
Peso	Weight	Gewicht
Forma	Mounting	Bauform

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MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 2-4 poli - 3000-1500 giri/min - 50 Hz

CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA' - AVVOLGIMENTO UNICO

DAHLANDER $\Delta/\Delta/\Delta$

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 2-4 poles - 3000-1500 rpm - 50 Hz

WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY - SINGLE WINDING

DAHLANDER $\Delta/\Delta/\Delta$

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 2-4 polig - 3000-1500 U/min - 50 Hz

MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR - EINFACHEWICKLUNG

DAHLANDER $\Delta/\Delta/\Delta$

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	2p	4p	2p	4p		2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	Kg
63-a	0.15	0.11	2680	1340	0.00024	54	53	0.82	0.67	0.49	0.45	0.53	0.78	1.7	1.4	4	3	1.8	1.6	3.8
63-b	0.22	0.15	2690	1340	0.00029	61	59	0.86	0.67	0.61	0.55	0.78	1.07	1.7	1.4	4	3	1.8	1.6	4.1
71-a	0.3	0.22	2760	1350	0.00035	67	61	0.86	0.73	0.75	0.71	1.04	1.6	1.7	1.4	3.7	3	1.8	1.6	5.7
71-b	0.45	0.3	2790	1370	0.00052	69	61	0.86	0.73	1.10	0.97	1.54	2.1	1.8	1.7	4.6	3.2	2	1.7	7
80-a	0.55	0.45	2820	1380	0.0012	69	69	0.86	0.75	1.34	1.26	1.86	3.1	2.2	1.7	5.1	3.2	2.4	1.8	8.4
80-b	0.75	0.6	2830	1410	0.0017	71	67	0.86	0.75	1.8	1.7	2.53	4.1	2.6	1.8	6.3	3.6	2.9	2	10
90S	1.25	0.95	2830	1380	0.0022	72	68	0.86	0.82	2.9	2.5	4.22	6.6	2	1.5	5	3.3	2.2	1.7	11.9
90L	1.7	1.32	2840	1400	0.0028	73	70	0.86	0.83	3.9	3.3	5.72	9.0	2.1	1.6	5	3.4	2.3	1.8	14.2
100L-a	2.4	1.84	2840	1400	0.0057	73	76	0.86	0.84	5.5	4.2	8.07	12.6	1.9	1.7	4.7	4.6	2.1	1.8	20
100L-b	3.3	2.6	2850	1420	0.0078	74	78	0.86	0.85	7.5	5.7	11.1	17.5	2	1.8	5.2	4.8	2.2	1.9	22.4
112MT	4.5	3.7	2870	1420	0.0092	76	78.5	0.86	0.86	9.9	7.9	15	24.9	2	1.8	5.5	4.9	2.2	2	27
132S	6	5	2870	1440	0.021	79	82	0.84	0.86	13.1	10.2	20	33.2	2	1.5	5.5	5.3	2.2	1.9	43
132M	8	6.6	2875	1440	0.028	82	84	0.84	0.86	16.8	13.2	26.6	43.8	2	1.6	6.2	5.4	2.2	2	50.3
160MT	11	8.8	2920	1450	0.039	84	84	0.85	0.82	22	18.5	36	58.0	2	1.6	7.3	5.8	2.3	2	69.5
160L	15	12	2920	1450	0.080	86	84	0.87	0.83	29	25	49.1	79.1	2.4	1.7	6.7	5.5	2.4	2	89
180MT	18.5	15	2930	1460	0.098	87	87	0.87	0.83	35	30	60.3	98.1	2.3	2.2	7.3	5.4	2.7	2.2	110
180LT	22	18.5	2940	1460	0.124	87	89	0.87	0.83	42	36	71.5	121	2.5	2.3	7.5	5.5	2.8	2.3	128
200LT	30	22	2940	1460	0.180	87	89	0.89	0.87	56	41	97.5	144	2.6	2	7.9	6.7	2.4	2.1	170
225ST	37	30	2945	1460	0.345	88	89	0.89	0.87	68	56	120	196	2.2	2.2	8.3	6.3	2.5	2.2	220
225MT	45	37	2945	1470	0.419	88	90	0.89	0.87	83	68	146	240	2.2	2.3	8.3	6.3	2.5	2.2	250
250MT	55	45	2950	1470	0.541	89	89	0.90	0.87	99	84	178	292	2.3	2.3	8.3	6.4	2.5	2.1	340
280ST	66	55	2960	1480	1.10	89	91	0.90	0.88	119	99	213	355	2.3	2.3	8.4	6	2.4	2.2	415
280MT	85	70	2960	1480	1.43	90	92	0.90	0.89	152	124	274	452	2.2	2.2	8.2	6	2.4	2.1	470
315M-a	96	80	2975	1480	2.88	90	92	0.89	0.90	173	140	308	516	2.4	2.1	8	6	2.5	2.2	590
315M-b	110	96	2978	1480	2.58	90	92	0.88	0.90	201	168	353	620	2.5	2.3	8	6.1	2.6	2.2	650
315M-c	132	110	2980	1480	3.06	90	92	0.88	0.90	241	192	423	710	2.5	2.3	8	6.3	2.6	2.3	740
315M-d	160	132	2980	1480	3.71	90	92.3	0.89	0.90	289	230	513	852	2.5	2.3	8	6.5	2.6	2.3	870

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

Per altezze d'asse superiori al 315 richiedere lo specifico catalogo.

For size bigger as 315, please ask for the specific catalogue.

Für Baugröße höher als 315 bitte fragen Sie nach den besonderen Katalog.

MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 4-8 poli - 1500-750 giri/min - 50 Hz

CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA' - AVVOLGIMENTO UNICO

DAHLANDER Δ/Δ

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 4-8 poles - 1500-750 rpm - 50 Hz

WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY - SINGLE WINDING

DAHLANDER Δ/Δ

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 4-8 polig - 1500-750 U/min - 50 Hz

MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR - EINFACHEWICKLUNG

DAHLANDER Δ/Δ

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	4p	8p	4p	8p		4p	8p	4p	8p	4p	8p	4p	8p	4p	8p	4p	8p	4p	8p	
63	0.11	0.06	1330	660	0.00039	50	25	0.66	0.52	0.48	0.67	0.79	0.87	2.0	1.8	3	2.5	1.9	1.7	5.2
71	0.18	0.11	1330	660	0.00129	52	41	0.68	0.53	0.74	0.73	1.29	1.59	2.2	1.8	3.6	2.2	2.2	1.9	5.8
80-a	0.25	0.15	1350	680	0.00164	56	44	0.77	0.60	0.84	0.82	1.77	2.11	1.5	1.5	4	3	1.9	2	7.4
80-b	0.45	0.25	1360	680	0.00256	67	52	0.78	0.60	1.24	1.16	3.16	3.51	1.6	1.6	4	3	2.2	2.1	9.8
90S	0.55	0.3	1400	690	0.00303	67	53	0.83	0.63	1.43	1.3	3.75	4.15	1.5	1.7	4	3.5	1.7	1.8	10.5
90L	0.80	0.45	1400	695	0.0045	67	53	0.83	0.63	2.08	1.95	5.46	6.18	1.6	1.6	3.8	3	1.8	1.9	13.5
100L-a	1.25	0.6	1400	700	0.0087	69	56	0.82	0.58	3.19	2.67	8.53	8.19	1.6	1.5	4.5	3.5	2	1.7	19.6
100L-b	1.76	0.88	1400	700	0.0109	71	58	0.82	0.58	4.37	3.78	12	12	1.6	1.5	5	3.7	2	1.7	21.5
112MT	2.2	1.5	1420	700	0.0141	75	64	0.82	0.68	5.17	4.98	14.8	20.5	1.6	1.6	5	3.6	2	1.6	25
132S	3.3	2.2	1430	705	0.0307	76	70	0.82	0.69	7.65	6.58	22	29.8	1.6	1.5	5.2	4	2	1.6	45.5
132M	4.5	3	1430	705	0.041	82	77	0.82	0.69	9.67	8.16	30.1	40.6	2	1.6	6.7	4.2	2.1	1.7	52.5
160MT	5.5	4	1440	710	0.054	82	77	0.81	0.69	12	10.9	36.5	53.8	2.1	1.7	7.6	4.6	2.3	2.2	69
160M	7.5	5	1440	710	0.077	82	79	0.89	0.78	14.9	11.7	49.8	67.3	1.7	1.6	6.6	4.5	2.3	2.1	70
160L	10	7	1450	715	0.109	84	82	0.90	0.78	19.1	15.8	65.9	93.5	1.8	1.9	5.5	5	2.3	2.1	88
180LT	15	9.5	1450	715	0.141	87	85	0.90	0.79	27.7	20.4	98.8	127	1.6	1.6	5.6	4.8	1.8	1.8	114
200LT	22	15	1460	720	0.394	88	85	0.90	0.74	40.1	34.5	144	199	2.3	2.4	7.5	6	2.7	2.2	160
225ST	26	18.5	1460	720	0.541	88	86	0.90	0.70	47.4	44.4	170	245	2.3	2.4	7.8	6.3	2.7	2.2	234
225MT	30	22	1460	720	0.631	88	87	0.91	0.70	54.1	52.2	196	292	2.5	2.4	8.2	6.5	2.6	2.2	254
250MT	37	30	1470	730	0.963	89	89	0.90	0.80	66.8	60.9	240	393	2.2	1.9	8	6	2.1	2.0	295
280ST	48	37	1470	730	1.75	91	90	0.90	0.78	84.7	76.2	312	484	2	2	6.3	5	2	1.9	430
280MT	60	45	1480	740	2.18	92	91	0.90	0.78	105	91.6	390	589	2.2	2.1	6.5	5	2.1	2.0	480
315ST	75	55	1480	740	2.43	90	90	0.82	0.66	147	134	484	710	1.8	1.6	5.8	4.3	2	1.8	540
315M-a	90	70	1480	740	4.27	90	91	0.89	0.74	162	150	581	904	1.8	1.6	6	4.5	2	1.8	680
315M-b	110	77	1485	740	4.91	90	91	0.89	0.74	198	165	710	994	1.7	1.4	6	4.5	1.9	1.7	750
315M-c	128	90	1485	740	5.95	91	91	0.88	0.72	231	199	823	1162	1.8	1.5	6.2	5	1.9	1.8	880

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

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Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	4p	6p	4p	6p		4p	6p	4p	6p	4p	6p	4p	6p	4p	6p	4p	6p	4p	6p	
63	0.11	0.08	1400	900	0.00039	43	30	0.67	0.65	0.55	0.56	0.75	0.8	1.8	2	3	2.7	1.9	2	5.2
71	0.22	0.15	1400	900	0.00129	52	45	0.70	0.68	0.87	0.71	1.5	1.59	1.8	1.9	3	2.7	1.9	2	6.5
80-a	0.30	0.22	1400	900	0.00164	52	47	0.78	0.78	1.07	0.87	2.05	2.33	1.7	1.6	3.2	3	1.8	1.7	7.4
80-b	0.45	0.3	1400	900	0.00256	52	50	0.75	0.70	1.67	1.24	3.07	3.18	1.5	1.4	3.2	3	1.7	1.7	9.8
90S	0.66	0.45	1400	900	0.00354	54	50	0.72	0.65	2.45	2	4.5	4.78	1.6	1.6	4.5	4	1.8	1.8	13.5
90L	0.88	0.6	1380	890	0.00505	55	51	0.73	0.67	3.17	2.5	6.09	6.44	1.7	1.7	4.8	4.3	1.9	1.9	14.5
100L-a	1.32	0.88	1420	940	0.0087	64	57	0.87	0.75	3.43	3.0	8.88	8.94	1.2	1.2	4	3.5	1.6	1.6	19.6
100L-b	1.76	1.2	1430	945	0.012	66	63	0.87	0.75	4.43	3.7	11.8	12.1	1.2	1.3	4	3.5	1.6	1.6	22
112MT	2.2	1.5	1430	940	0.014	73	64	0.80	0.70	5.44	4.8	14.7	15.2	1.4	1.6	5	4	1.7	1.7	25
132S	3.3	2.2	1430	940	0.031	81	77	0.80	0.75	7.36	5.5	22	22.4	1.8	1.6	6.8	5	2.2	2.1	45
132M	4.5	3	1450	950	0.041	81	79	0.80	0.74	10	7.4	29.6	30.2	2.0	1.6	7	5	2.3	2.2	52
160MT	6.6	4.5	1440	955	0.054	84	81	0.84	0.78	13.5	10.3	43.8	45	1.5	1.6	7	6	2.3	2.3	70
160L	8.8	6	1450	955	0.109	84	81	0.85	0.79	17.8	13.5	58	60	1.6	1.7	7	6	2.2	2.3	87.5
180MT	11	7.5	1450	955	0.129	84	81	0.85	0.79	22.3	16.9	72.5	75	1.7	1.8	7.2	6.2	2.3	2.4	110
180LT	15	8.8	1460	970	0.167	85	82	0.88	0.80	29	19.4	98.1	86.7	1.8	1.7	6.5	6	2.3	2.4	122
200LT-a	18.5	12.5	1460	970	0.180	85	82	0.81	0.76	38.8	29	121	123	1.7	1.5	6.3	5	2.3	2	172
200LT-b	22	15	1460	975	0.206	85	82	0.82	0.78	45.6	33.9	144	147	2.1	1.6	7.2	5	2.7	2.2	194
225ST	26	18.5	1460	975	0.370	86	83	0.83	0.79	52.6	40.8	170	181	2.5	2	7.5	6	2.8	2.4	235
225MT	30	22	1460	975	0.419	86	83	0.83	0.79	60.7	48.5	196	216	2.6	2	7.7	6.2	2.9	2.5	260
250MT	37	26	1470	980	0.577	87	84	0.84	0.80	73.2	55.9	240	253	1.6	1.8	6.8	6.3	1.8	2	330
280ST	50	37	1470	980	1.23	89	86	0.85	0.80	95.5	77.7	325	361	1.7	1.9	7	6.5	1.9	2.1	430
280MT	63	45	1480	985	1.47	90	87	0.86	0.80	118	93.4	407	436	1.8	2	7.5	7	2	2.2	470
315M-a	75	55	1480	985	3.50	90	90	0.84	0.76	143	116	484	533	2	2.5	6	5	2.2	2.7	710
315M-b	90	65	1480	985	4.63	90	90	0.84	0.76	172	137	581	630	2	2.4	6.5	6	2.2	2.6	910
315M-c	110	80	1485	985	5.45	90	90	0.84	0.76	210	169	708	776	2	2.4	6.7	6.2	2.2	2.6	1100
315M-d	132	96	1485	985	5.87	90	90	0.85	0.77	249	200	849	931	2.1	2.5	6.8	6.3	2.3	2.6	1180

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
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MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR - ZWEI GETRENNTE WICKLUNGEN

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kg ^{m²}	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	6p	8p	6p	8p		6p	8p	6p	8p	6p	8p	6p	8p	6p	8p	6p	8p	6p	8p	
63	0.07	0.05	860	650	0.00039	36	30	0.65	0.63	0.43	0.38	0.76	0.71	1.3	1.3	2	1.8	1.5	1.5	5.2
71	0.11	0.075	880	670	0.00129	41	33	0.67	0.60	0.58	0.55	1.19	1.07	1.3	1.3	2	1.9	1.5	1.5	6.5
80-a	0.18	0.11	880	670	0.00164	44	35	0.69	0.68	0.86	0.67	1.95	1.57	1.3	1.3	2.5	2.4	1.5	1.5	7.6
80-b	0.25	0.18	880	670	0.00256	49	41	0.70	0.69	1.05	0.92	2.68	2.53	1.5	1.5	2.8	2.6	1.7	1.6	9.8
90S	0.37	0.25	890	680	0.00354	58	46	0.72	0.71	1.28	1.11	3.97	3.51	1.5	1.4	3	2.7	1.8	1.7	11
90L	0.55	0.37	890	680	0.00505	64	52	0.73	0.72	1.70	1.43	5.84	5.12	1.5	1.4	3	2.8	1.9	1.7	14
100L-a	0.75	0.55	900	690	0.0087	66	58	0.74	0.74	2.22	1.85	7.62	7.61	1.6	1.4	3	2.8	1.9	1.7	19.6
100L-b	1.03	0.75	940	690	0.012	66	60	0.76	0.76	2.97	2.38	10.5	10.4	1.6	1.4	3.5	3	2	1.8	23.5
112MT	1.25	0.95	940	690	0.014	72	62	0.71	0.68	3.53	3.26	12.7	13	1.7	1.6	4.2	3.5	2.1	1.9	26
132S	2.2	1.5	940	700	0.031	75	64	0.70	0.70	6.06	4.84	22.1	20.3	1.8	1.6	5.2	3.7	2.3	2	45.5
132M	3	1.85	950	705	0.041	76	67	0.70	0.70	8.15	5.7	30.2	25.1	1.8	1.6	5.4	4.5	2.3	2	56
160MT	3.7	2.6	950	705	0.054	78	70	0.74	0.71	9.26	7.6	37	35	1.8	1.5	6	4.5	2.5	1.9	69
160M	4.5	3.3	955	710	0.077	79	72	0.78	0.72	10.6	9.2	44.8	44.4	1.8	1.7	6	4.8	2.5	2	71
160L	6	4.5	960	710	0.109	80	74	0.79	0.73	13.7	12	59.7	60.5	1.8	1.7	6	4.8	2.5	2	88
180MT	7.5	5.5	960	710	0.14	82	81	0.82	0.68	16.1	14.4	74.6	73.5	1.9	1.8	6	5	2.5	2	110
180LT	9.5	7.5	960	715	0.17	82	81	0.82	0.70	20.4	19.1	93.6	100	1.9	1.8	6.3	5.3	2.6	2.1	124
200LT-a	12	8.8	970	715	0.32	82	78	0.78	0.68	27.1	24	118	118	2.1	2	7	5.5	2.7	2.2	175
200LT-b	15	11	970	715	0.39	84	79	0.79	0.70	32.7	28.7	147	146	2.1	2	7.2	5.7	2.7	2.2	200
225MT	18.5	14	975	720	0.58	88	88	0.79	0.72	38.5	31.9	180	186	2	2	7	6.2	2.5	2	252
250MT-a	22	16	980	720	0.84	88	88	0.81	0.73	44.6	36	214	212	2.3	1.8	7.3	6.3	2.7	2.1	305
250MT-b	26	18.5	980	720	0.96	89	89	0.81	0.75	52.1	40.1	253	242	2.3	1.9	7.3	6.4	2.8	2.2	348
280ST	30	22	980	730	1.7	90	90	0.81	0.76	59.5	46.5	291	288	2.4	2.1	6.3	5	2.8	2.2	430
280MT	40	30	985	730	2.1	90	90	0.82	0.76	78.3	63.4	388	387	2.3	2.2	6	5	2.7	2.1	475
315ST	50	37	985	740	2.4	90	90	0.82	0.76	97.9	78.2	485	478	2.2	1.6	5.8	5	2.6	1.9	528
315M-a	60	45	985	740	3.9	90	90	0.83	0.77	116	93.8	579	581	2.3	1.6	6	5.2	2.2	1.7	671
315M-b	75	55	990	740	4.5	90	90	0.83	0.77	145	115	724	710	2.4	1.7	6.3	5.4	2.2	1.9	750
315M-c	96	75	990	740	5.9	90	90	0.83	0.77	186	156	926	968	2.4	1.7	6.6	5.4	2.2	1.9	870

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

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MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 2-8 poli - 3000-750 giri/min - 50 Hz
 CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA' - DUE AVVOLGIMENTI SEPARATI

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 2-8 poles - 3000-750 rpm - 50 Hz
 WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY - TWO SEPARATE WINDINGS

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 2-8 polig - 3000-750 U/min - 50 Hz
 MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR - ZWEI GETRENNTE WICKLUNGEN

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	2p	8p	2p	8p		2p	8p	2p	8p	2p	8p	2p	8p	2p	8p	2p	8p	2p	8p	Kg
63	0.18	0.045	2700	600	0.00029	51	20	0.76	0.56	0.67	0.58	0.64	0.72	1.5	1.6	3	2	1.7	1.8	5
71	0.25	0.06	2690	650	0.00052	62	20	0.78	0.58	0.75	0.75	0.89	0.88	1.7	2	3	2	1.8	2	5.8
80-a	0.37	0.08	2745	660	0.0016	65	30	0.76	0.48	1.08	0.8	1.29	1.16	1.7	2	3.2	2.2	1.9	2.1	7.4
80-b	0.55	0.11	2750	670	0.0026	67	32	0.78	0.50	1.52	1	1.91	1.57	1.8	2.1	3.3	2.3	1.9	2.1	9.8
90S	0.75	0.18	2780	670	0.0035	67	38	0.79	0.52	2.05	1.32	2.58	2.57	2.2	2.2	3.5	2.5	2.4	2.3	10.8
90L	1.1	0.3	2790	680	0.0051	67	42	0.80	0.54	2.97	1.91	3.77	4.21	2.1	2	3.5	2.5	2.3	2.2	13.5
100L-a	1.5	0.37	2800	700	0.0087	67	46	0.86	0.56	3.76	2.08	5.12	5.05	2.1	2.6	4.4	2.9	2.3	2.7	19.6
100L-b	2.2	0.55	2800	710	0.013	68	47	0.87	0.58	5.37	2.92	7.51	7.4	2.2	2.7	4.5	3	2.4	2.9	23.5
112MT	2.6	0.75	2840	710	0.014	71	54	0.88	0.60	6.01	3.35	8.74	10.1	1.7	1.8	5	3.5	1.9	2	25
112M	3	0.9	2830	690	0.015	73	58	0.86	0.58	6.91	3.87	9.95	12.3	1.7	1.7	5.3	3.8	1.9	1.9	37
132S	3.7	1.1	2880	700	0.024	81	60	0.83	0.56	7.95	4.73	12.2	15	1.7	1.6	6.8	4	1.8	1.8	47.5
132M	5.5	1.5	2900	700	0.034	82	61	0.84	0.57	11.5	6.23	18.1	20.3	1.8	1.7	7	4	1.9	1.9	55.8
160M	7.5	2.2	2900	705	0.062	80	73	0.87	0.56	15.6	7.78	24.5	29.6	1.7	2.4	6	4	2	2.6	76
160L	9.5	3	2920	710	0.080	82	73	0.87	0.56	19.2	10.6	31.1	40.4	2.3	2.7	7	4.5	2.3	2.7	89
180MT	11	3.7	2920	710	0.098	83	74	0.87	0.56	22	12.9	36	49.1	2.3	2.7	7	4.5	2.3	2.7	110
180LT	15	4.5	2920	720	0.12	87	75	0.89	0.50	28	17.3	49.1	59.7	2.2	2.7	7	4.5	2.3	2.7	122
200LT	18.5	5.5	2920	720	0.16	83	75	0.89	0.60	36.2	17.7	60.2	73	1.9	2.0	6	4.5	2	2.1	162
225ST	22	7.5	2935	720	0.34	83	78	0.86	0.60	44.5	23.2	71.5	99.5	2.3	2.3	7.6	4.9	2.3	2.3	210
225MT	26	8.8	2940	720	0.39	84	79	0.87	0.60	51.4	26.8	84.8	117	2.5	2.5	8	5	2.5	2.5	235
250MT-a	30	11	2930	720	0.41	84	82	0.88	0.64	58.6	30.3	97.8	146	2.1	2.4	7	5	2.2	2.5	280
250MT-b	37	15	2930	720	0.54	84	87	0.90	0.68	70.7	36.6	120	199	2.1	2.4	7.2	5.3	2.2	2.5	317
280ST	45	18.5	2950	720	1.15	85	88	0.90	0.63	85	48.2	145	242	2.2	2.1	7.6	4.6	2.2	2.3	387
280MT	55	22	2960	730	1.43	87	89	0.90	0.64	102	55.8	179	288	2.2	2.1	8	4.8	2.2	2.3	470
315ST	65	26	2940	730	0.85	87	88	0.88	0.62	123	68.9	210	336	1.8	1.9	6.8	5	2	2.1	510
315M-a	80	33	2960	740	1.63	87	88	0.88	0.62	151	87.4	258	426	1.8	1.9	6.8	5	2	2.1	670
315M-b	110	45	2960	740	2.03	88	89	0.89	0.63	203	116	355	581	1.9	2	7	5.3	2	2.1	740

Tipo	Type	Type
Potenza	Rated power	Leistung
Velocità	Speed	Drehzahl
Momento d'inerzia	Inertia moment	Trägheitsmoment
Rendimento	Efficiency	Wirkungsgrad
Fattore di potenza	Power factor	Leistungsfaktor
Corrente	Rated current	Strom
Coppia nominale	Rated torque	Nennmoment
Coppia di spunto	Starting torque	Anlaufdrehmoment
Corrente di spunto	Starting current	Anlassstrom
Coppia massima	Maximum torque	Max. Drehmoment
Peso	Weight	Gewicht
Forma	Mounting	Bauform

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MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 2-4 poli - 3000-1500 giri/min - 50 Hz

PER VENTILATORI - CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA'
AVVOLGIMENTO UNICO - DAHLANDER $\Delta\Delta/\Delta$

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 2-4 poles - 3000-1500 rpm - 50 Hz

FOR FANS - WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY
SINGLE WINDINGS - DAHLANDER $\Delta\Delta/\Delta$

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 2-8 polig - 3000-1500 U/min - 50 Hz

FÜR VENTILATOREN - MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR
EINFACHE WICKLUNGEN - DAHLANDER $\Delta\Delta/\Delta$

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	2p	4p	2p	4p		2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	2p	4p	
63-a	0.22	0.044	2670	1130	0.00024	58	53	0.87	0.75	0.63	0.16	0.79	0.32	1.4	1.5	3	2.6	1.5	1.6	3.8
63-b	0.26	0.051	2680	1340	0.00029	60	56	0.87	0.75	0.72	0.18	0.93	0.36	1.4	1.5	3	2.6	1.5	1.6	4.1
71-a	0.37	0.075	2750	1370	0.00035	70	56	0.88	0.78	0.87	0.25	1.29	0.5	1.4	1.8	3	2.6	1.5	1.9	5.7
71-b	0.55	0.11	2780	1390	0.00052	71	60	0.88	0.78	1.27	0.34	1.89	0.8	1.5	2	3.8	3.7	1.7	2.2	7
80-a	0.75	0.15	2810	1405	0.0015	71	66	0.86	0.75	1.78	0.44	2.55	1.0	1.7	1.9	3.8	3.5	1.8	2	8.4
80-b	0.95	0.25	2820	1415	0.0017	71	69	0.84	0.80	2.3	0.7	3.22	1.7	2.2	2	5	4.3	2.3	2.1	10
90S	1.40	0.33	2820	1415	0.0022	71	69	0.85	0.83	3.4	0.8	4.74	2.2	1.8	1.9	4.5	3.9	2	2.1	11.9
90L-a	1.84	0.37	2825	1415	0.0028	71	72	0.85	0.80	4.4	0.9	6.22	2.5	1.9	2.2	4.6	4.8	2.1	2.3	14.2
90L-b	2	0.50	2830	1415	0.0032	72	73	0.84	0.82	4.8	1.2	6.75	3.4	2	2.1	4.6	4.5	2.2	2.4	15
100L-a	2.5	0.65	2830	1400	0.0057	70	70	0.86	0.87	6	1.5	8.44	4.4	1.8	1.6	4.6	3.5	2	1.8	20
100L-b	3.1	0.80	2845	1405	0.0071	73	70	0.86	0.89	7.1	1.9	10.4	5.4	2	1.8	5.2	4.7	2.2	2	22.4
112MT	4.4	1.1	2860	1415	0.0092	79	71	0.85	0.87	9.5	2.6	14.7	7.4	2	1.8	5.5	4.9	2.2	2	27
132S	5.9	1.45	2870	1435	0.0207	82	80	0.84	0.85	12.4	3.1	19.6	9.7	2	1.8	5.5	5.4	2.2	2	43
132M	8	2	2875	1445	0.0282	84	82	0.84	0.85	16.4	4.1	26.6	13.2	2	1.8	6.2	6	2.2	2	50.3
160MT	11.5	2.9	2875	1445	0.0395	86	85	0.85	0.86	23	5.7	38.2	19.2	2	1.8	7	6.9	2.2	2	69.5
160L	15.5	3.8	2915	1460	0.0800	87	87	0.87	0.90	30	7.0	50.8	24.9	2.3	2.2	6.5	6.1	2.4	2.3	89
180MT	18.5	4.0	2930	1465	0.0978	87	88	0.87	0.88	35	7.5	60.3	26.1	2.5	2.8	7.3	7.9	2.7	2.9	110
180LT	22	4.4	2940	1470	0.124	87	88	0.87	0.88	42	8.2	71.5	28.6	2.6	2.9	7.5	8	2.8	3	128
200LT	30	5.9	2940	1470	0.180	88	88	0.89	0.90	55	10.8	97.5	38.3	2.2	2.5	7.9	8.4	2.4	2.6	170
225ST	37	7.5	2945	1475	0.345	88	87	0.89	0.90	68	13.8	120	48.6	2.3	2.4	8.3	8.3	2.5	2.6	220
225MT	44	8.8	2945	1475	0.419	88	87	0.89	0.90	81	16.2	143	57	2.3	2.4	8.3	8.5	2.5	2.6	250
250MT	55	11	2950	1480	0.541	89	89	0.90	0.89	99	20	178	71	2.3	2.6	8.3	8.7	2.5	2.8	340
280ST	66	15	2960	1485	1.23	90	91	0.90	0.90	118	26	213	96.5	2.3	2.5	8.4	8.7	2.5	2.7	415
280MT	85	18.4	2960	1485	1.39	90	91	0.90	0.90	152	32	274	118	2.2	2.4	8.2	8.5	2.4	2.6	470
315M-a	96	22	2975	1485	2.68	90	91	0.88	0.84	175	42	308	142	2.4	2.7	8	8.1	2.5	2.8	590
315M-b	110	26	2978	1487	2.58	90	91	0.88	0.84	201	49	353	167	2.5	2.8	8	8.1	2.6	2.9	720

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

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MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 4-8 poli - 1500-750 giri/min - 50 Hz

PER VENTILATORI - CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA'

AVVOLGIMENTO UNICO - DAHLANDER $\Delta/\Delta/\Delta$

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 4-8 poles - 1500-750 rpm - 50 Hz

FOR FANS - WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY

SINGLE WINDINGS - DAHLANDER $\Delta/\Delta/\Delta$

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 4-8 polig - 1500-750 U/min - 50 Hz

FÜR VENTILATOREN - MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR

FACHE WICKLUNGEN - DAHLANDER $\Delta/\Delta/\Delta$

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kg ^m	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	4p	8p	4p	8p		4p	8p	4p	8p	4p	8p	4p	8p	4p	8p	4p	8p	4p	8p	
71-a	0.18	0.037	1385	685	0.00105	54	37	0.78	0.59	0.62	0.24	1.24	0.52	1.7	1.5	2.9	2.1	1.8	1.6	5.8
71-b	0.22	0.044	1390	690	0.00129	55	38	0.78	0.60	0.74	0.28	1.51	0.61	1.8	1.6	3	2.2	1.9	1.7	6.5
71-c	0.26	0.051	1390	690	0.00157	56	40	0.78	0.60	0.86	0.31	1.79	0.71	1.8	1.6	3	2.2	1.9	1.7	7.4
80-a	0.5	0.1	1395	695	0.00256	66	55	0.78	0.62	1	0.42	3.42	1.37	1.6	1.9	3.9	2.9	1.9	2	9.8
80-b	0.7	0.15	1395	695	0.00329	67	62	0.80	0.63	1.9	0.55	4.79	2.06	1.6	1.8	4.1	3	1.9	2	11.4
90S	1.1	0.22	1410	690	0.0022	68	46	0.7	0.45	3.34	1.5	7.45	3.04	1.8	2.1	4.5	2.6	2.2	2.3	11.9
90L	1.5	0.25	1410	690	0.0028	70	50	0.75	0.45	4.13	1.6	10.2	4.46	2	2.3	4.8	3	2.5	2.6	14.2
100L-a	2.2	0.37	1410	695	0.0064	76	54	0.8	0.58	5.23	1.7	14.9	5.08	2	2	5.2	2.9	2.4	2.2	21.2
100L-b	3	0.55	1415	695	0.0086	79	58	0.79	0.55	6.95	2.5	20.2	7.56	2.2	2	5.5	2.8	2.5	2.3	23.5
112M	4.0	0.75	1430	700	0.0147	82	65	0.80	0.62	8.8	2.7	26.7	10.2	2.3	2	5.5	3	2.5	2.3	34
132S	5.5	1.4	1430	700	0.0244	82	66	0.81	0.65	12.0	4.7	36.7	19.1	2.3	2	6	3.2	2.6	2.3	46.8
132M-a	6.5	1.5	1430	705	0.028	84	67	0.81	0.63	13.8	5.1	43.4	21.7	2.4	2	6.4	3.5	2.7	2.4	50.3
132M-b	7.5	1.8	1440	705	0.034	84	71	0.81	0.60	15.9	6.1	49.8	24.4	2.4	2	6.6	3.6	3	2.4	55.8
160MT	9	2.2	1450	705	0.034	85	72	0.82	0.61	19	7.2	59.3	29.8	2.4	2.1	6.6	3.8	2.7	2.4	69.5
160M	11	2.8	1460	715	0.039	85	72	0.82	0.70	22.8	8.0	72	37.4	2.4	1.7	6	4.0	2.3	1.7	71
160L-a	13	3	1460	715	0.058	87	75	0.82	0.70	26.3	8.3	85.1	40.1	2.5	1.7	6	4.0	2.3	1.7	89
160L-b	15	3.8	1460	720	0.058	88	77	0.86	0.71	28.6	9.3	98.1	50.4	2.5	1.7	6	4.2	2.3	1.7	110
180MT	18.5	4.5	1460	720	0.080	88	79	0.86	0.71	35	12.4	121	59.7	2.5	1.7	6	4	2.3	1.7	119
180L	22	5.5	1460	720	0.098	88	79	0.86	0.71	42	13.7	144	73	2	1.7	6	4	2.4	1.8	155
200LT	30	7.5	1465	720	0.098	89	86	0.82	0.68	59	17.3	196	99.5	2.5	2	6.8	4.0	2.7	2.1	179
225ST	37	9	1465	725	0.116	89	82	0.87	0.70	69	23	241	119	2.5	2	6.8	4.2	2.8	2	216
225MT	45	11	1465	725	0.161	89	82	0.87	0.70	84	28	293	145	2.5	2	6.8	4.2	2.8	2	235
250MT-a	50	12	1470	730	0.206	90	82	0.89	0.73	90	29	325	157	2.5	1.9	7.2	4.5	2.8	2	308
250MT-b	56	14	1470	730	0.345	90	83	0.89	0.80	101	30.5	364	183	2.4	1.9	7.2	4.5	2.8	2	308
280ST	60	15	1480	730	0.34	91	86	0.87	0.73	110	35	390	196	2.5	1.9	7	4.5	2.4	1.8	330
280MT	75	18.5	1480	735	0.39	92	87	0.87	0.73	135	42.1	484	242	2.5	2	7	4.6	2.5	1.8	415
315ST	90	22	1480	735	0.58	92	87	0.86	0.73	164	50.1	581	286	2.5	2	7.1	4.7	2.6	1.9	496
315M	110	28	1485	740	0.58	92	87	0.87	0.73	199	63.7	710	364	2.6	2.1	7.4	6	3	2	628

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

Per altezze d'asse superiori al 315 richiedere lo specifico catalogo.

For size bigger as 315, please ask for the specific catalogue.

Für Baugröße höher als 315 bitte fragen Sie nach den besonderen Katalog.

MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 4-6 poli - 1500-1000 giri/min - 50 Hz

PER VENTILATORI - CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA'
DUE AVVOLGIMENTI SEPARATI

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 4-6 poles - 1500-1000 rpm - 50 Hz

FOR FANS - WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY
TWO SEPARATE WINDINGS

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 4-6 polig - 1500-1000 U/min - 50 Hz

FÜR VENTILATOREN - MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR
ZWEI GETRENNTE WICKLUNGEN

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	4p	6p	4p	6p		4p	6p	4p	6p	4p	6p	4p	6p	4p	6p	4p	6p	4p	6p	
71-a	0.18	0.05	1410	950	0.00039	50	35	0.65	0.55	0.80	0.38	1.22	0.51	1.3	1.5	2.4	1.9	1.5	1.6	5.8
71-b	0.26	0.075	1415	960	0.00129	50	35	0.70	0.60	1.07	0.52	1.76	0.75	1.3	1.5	2.4	1.9	1.5	1.6	6.5
80-a	0.40	0.12	1405	940	0.00164	63	55	0.71	0.69	1.29	0.46	2.72	1.22	1.4	1.4	3	2.5	1.6	1.5	7.4
80-b	0.55	0.18	1420	950	0.00256	63	57	0.72	0.69	1.75	0.66	3.7	1.81	1.6	1.5	3.4	3	1.8	1.6	9.8
90S	0.8	0.29	1425	955	0.00354	73	60	0.74	0.70	2.14	1	5.36	2.9	1.7	1.4	4.4	3.1	2	1.5	13.5
90L	1.1	0.38	1425	955	0.00505	73	60	0.77	0.70	2.8	1.31	7.37	3.8	1.7	1.4	4.4	3.1	2	1.5	15.5
100L-a	1.7	0.6	1425	950	0.0087	73	61	0.85	0.77	4.0	1.85	11.4	6.03	1.4	1.3	4.4	3.4	1.9	1.8	19.6
100L-b	2.1	0.75	1430	955	0.012	75	61	0.84	0.77	4.85	2.3	14	7.5	1.5	1.3	5.3	3.5	2	1.8	23.5
112MT	2.6	0.8	1430	955	0.014	75	63	0.85	0.77	5.9	2.4	17.4	8	1.6	1.4	5.5	3.6	2	1.8	26
112M	3	0.9	1445	960	0.015	78	70	0.80	0.70	6.9	2.7	19.8	8.96	1.9	1.5	5.7	4.7	2.2	1.9	37
132S	3.6	1.2	1450	965	0.031	82	74	0.82	0.75	7.7	3.1	23.7	11.9	1.9	1.5	6.7	5.1	2.4	2.3	45.5
132M	5.5	1.7	1450	965	0.041	83	74	0.82	0.76	10.6	4.4	32.9	16.8	2	1.6	7	5.1	2.7	2.5	52.5
160MT	7.2	2.5	1450	965	0.054	84	77	0.83	0.76	14.9	6.2	47.4	24.7	1.9	1.5	7	5.4	2.7	2.5	69
160L	10	3.3	1450	980	0.109	85	80	0.87	0.70	19.5	8.5	65.9	32.2	1.6	1.5	6	5.5	2.2	1.9	82
180MT	16	5.5	1450	982	0.129	87	82	0.88	0.72	30	13.5	105	53.5	1.7	1.6	6	5.8	2.4	2	114
180LT	19	6.5	1450	985	0.174	87	82	0.85	0.71	37	16.1	125	63	2.1	1.9	7.2	6.6	2.7	2.5	130
200LT	26	9.5	1472	985	0.193	88	84	0.85	0.78	50	21	169	92.1	1.9	1.8	7	5.7	2.3	1.9	180
225ST	34	12	1480	985	0.370	89	85	0.86	0.79	64	25.8	219	116	2.3	2	7.4	5.5	2.8	2.4	235
225MT	40	14.5	1480	985	0.419	90	86	0.87	0.80	74	30.5	258	141	2.4	2	7.9	6	2.9	2.5	260
250MT	52	18	1480	985	0.613	90	86	0.90	0.80	93	38	336	175	2.2	1.9	7.9	6.2	2.7	2.2	360
280ST	70	25	1480	987	1.39	91	89	0.90	0.83	124	49	452	242	2.6	2.4	7.3	6.5	2.8	2.5	470
280MT	82	30	1485	987	1.55	91	89	0.90	0.84	145	58	527	290	2.7	2.4	7.5	6.5	2.9	2.5	496
315M-a	92	28	1485	990	3.09	91	90	0.85	0.74	172	61	592	270	2.4	2.5	7	6.9	2.6	2.6	670
315M-b	110	33	1488	993	3.91	91	90	0.85	0.74	206	72	706	317	2.7	2.5	7.5	6.8	2.9	2.6	760
315M-c	125	37	1488	993	4.32	92	90	0.86	0.74	228	80	802	356	2.1	2.3	6.7	6	2.4	2.5	830
315M-d	162	48	1489	994	5.76	92.5	90.5	0.85	0.74	298	104	1039	461	2.7	2.5	7.5	6.8	2.9	2.6	1020

Tipo
Potenza
Velocità
Momento d'inerzia
Rendimento
Fattore di potenza
Corrente
Coppia nominale
Coppia di spunto
Corrente di spunto
Coppia massima
Peso
Forma

Type
Rated power
Speed
Inertia moment
Efficiency
Power factor
Rated current
Rated torque
Starting torque
Starting current
Maximum torque
Weight
Mounting

Type
Leistung
Drehzahl
Trägheitsmoment
Wirkungsgrad
Leistungsfaktor
Strom
Nennmoment
Anlaufdrehmoment
Anlassstrom
Max. Drehmoment
Gewicht
Bauform

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Tel: 039/5320621 E-mail: info@electroadda.com

ELECTRO ADDA 1.13

MOTORI ASINCRONI TRIFASI - Caratteristiche tecniche - 6-8 poli - 1000-750 giri/min - 50 Hz

PER VENTILATORI - CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA - A DUE POLARITA'
DUE AVVOLGIMENTI SEPARATI

ASYNCHRONOUS THREE-PHASE MOTORS - Technical Features - 6-8 poles - 1000-750 rpm - 50 Hz

FOR FANS - WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION - WITH DOUBLE POLARITY
TWO SEPARATE WINDINGS

DREHSTROM-ASYNCHRONMOTOREN - Technische Daten - 6-8 polig - 1000-750 U/min - 50 Hz

FÜR VENTILATOREN - MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG - POLUMSCHALTBAR
ZWEI GETRENNTE WICKLUNGEN

Tipo motore	Potenza kW		Velocità giri/min		J rotore Kgm ²	Rend. %		Fattore di potenza cos. FI		Corrente In a 400V. A		Coppia nom. Cn Nm.		Coppia di spunto Ca / Cn		Corrente di spunto Ia / In		Coppia max. Cmax/Cn		B3 Peso Kg
	6p	8p	6p	8p		6p	8p	6p	8p	6p	8p	6p	8p	6p	8p	6p	8p	6p	8p	Kg
71-a	0.088	0.037	920	640	0.00105	35	24	0.60	0.55	0.61	0.4	0.91	0.55	1.3	1.2	1.9	1.5	1.5	1.4	5.8
71-b	0.11	0.048	920	650	0.00129	39	25	0.61	0.55	0.67	0.5	1.14	0.71	1.3	1.2	1.9	1.5	1.5	1.4	6.5
71-c	0.15	0.062	920	650	0.00157	44	27	0.65	0.55	0.76	0.6	1.56	0.91	1.3	1.2	2	1.5	1.5	1.4	7.4
80-a	0.18	0.075	925	690	0.00164	52	42	0.65	0.55	0.77	0.47	1.86	1.04	1.3	1.2	2.4	2.1	1.5	1.4	7.6
80-b	0.30	0.12	925	690	0.00256	55	45	0.68	0.59	1.16	0.65	3.1	1.66	1.4	1.3	2.6	2.3	1.6	1.6	9.8
90S	0.37	0.16	930	690	0.00303	63	52	0.72	0.67	1.18	0.66	3.8	2.21	1.4	1.3	3	2.2	1.8	1.6	10.8
90L-a	0.55	0.23	930	690	0.00455	64	54	0.73	0.70	1.70	0.88	5.65	3.18	1.5	1.4	3.1	2.3	1.9	1.7	13.5
90L-b	0.75	0.32	930	700	0.00606	64	54	0.73	0.70	2.32	1.22	7.7	4.37	1.5	1.4	3.3	2.5	1.9	1.7	16.5
100L-a	0.88	0.37	935	705	0.00870	66	59	0.74	0.70	2.60	1.3	9.0	5.0	1.5	1.4	3.6	2.9	1.9	1.7	19.6
100L-b	1.1	0.48	940	705	0.0120	67	60	0.76	0.72	3.12	1.6	11.2	6.5	1.5	1.4	3.8	3	1.9	1.8	23.5
112MT	1.5	0.62	940	705	0.0141	70	62	0.76	0.72	4.1	2	15.2	8.4	1.6	1.5	4	3.2	2	1.9	26
112M	1.9	0.80	945	710	0.0147	78	66	0.76	0.72	4.6	2.4	19.2	10.8	1.5	1.4	4.1	3.1	2.1	1.9	37
132S-a	1.84	0.75	945	705	0.023	78	67	0.76	0.72	4.5	2.2	18.6	10.2	1.6	1.5	4.5	3.7	2.1	1.9	39
132S-b	2.5	1.1	950	710	0.031	79	69	0.77	0.73	5.9	3.2	25.1	14.8	1.6	1.5	4.9	3.8	2.3	2	45.5
132M	3.3	1.5	950	715	0.046	79	71	0.77	0.73	7.8	4.2	33.2	20	1.6	1.5	5.4	4.4	2.3	2.2	56
160MT	4.4	1.9	950	715	0.054	79	72	0.78	0.73	10.3	5.2	44.2	25.4	1.6	1.5	5.4	4.5	2.3	2.2	69
160M	5.5	2.35	955	720	0.077	82	78	0.82	0.73	11.8	6.0	55	31.2	1.6	1.7	5.4	5.3	2.3	2.4	71
160L	7.5	3.3	960	720	0.109	83	80	0.84	0.74	15.5	8.1	74.6	43.8	1.6	1.7	5.4	5.3	2.3	2.4	88
180MT	8.8	3.9	960	725	0.129	83	80	0.85	0.74	18	9.5	87.6	51.4	1.7	1.8	5.6	5.5	2.4	2.5	105
180LT	11	4.8	960	725	0.154	83	80	0.85	0.75	22.5	11.6	109	63.2	1.7	1.8	5.9	5.8	2.4	2.5	117
200LT-a	15	6.2	980	730	0.22	84	80	0.84	0.75	31	14.9	146	81.1	1.9	1.8	6.4	5.8	2.4	2.3	175
200LT-b	18.4	7.5	980	735	0.30	85	80	0.84	0.75	37	18	179	97.5	1.9	1.8	6.8	5.8	2.5	2.3	212
225MT	22	9.5	980	735	0.61	87	83	0.85	0.75	43	22	214	123	1.9	2	6.5	6.5	2.4	2.5	260
250MT-a	26	11	985	735	0.90	87	83	0.84	0.73	51	26	252	143	2.1	2.3	6.3	5.8	2.5	2.5	317
250MT-b	30	12.5	985	735	1.02	88	84	0.85	0.74	58	29	291	162	2.1	2.3	6.3	6.1	2.7	2.8	360
280ST	33	14	985	738	1.75	89	86	0.85	0.78	63	30	320	181	2.2	2.2	5.8	5.5	2.6	2.4	430
280MT	40	17	985	738	2.00	89	86	0.86	0.79	76	36	388	220	2.3	1.9	6	5.4	2.7	2	460
315ST	48	20	985	738	2.43	90	86	0.86	0.79	90	43	465	259	2.4	2	6	5.6	2.8	2.2	528
315M-a	55	24	988	740	3.23	91	90	0.86	0.78	102	48	532	303	2.2	2.1	6	5.8	2	1.8	600
315M-b	65	28	990	740	3.62	92	91	0.86	0.79	119	56	627	361	2.2	2	6	5.5	2	1.7	645
315M-c	75	33	990	742	4.14	92	91	0.85	0.79	139	66	724	425	2.2	2	6.1	5.6	2	1.7	700
315M-d	95	42	990	742	5.43	92.5	91.5	0.85	0.79	175	84	917	541	2.2	2	6.1	5.6	2	1.7	830

Tipo	Type	Type
Potenza	Rated power	Leistung
Velocità	Speed	Drehzahl
Momento d'inerzia	Inertia moment	Trägheitsmoment
Rendimento	Efficiency	Wirkungsgrad
Fattore di potenza	Power factor	Leistungsfaktor
Corrente	Rated current	Strom
Coppia nominale	Rated torque	Nennmoment
Coppia di spunto	Starting torque	Anlaufdrehmoment
Corrente di spunto	Starting current	Anlassstrom
Coppia massima	Maximum torque	Max. Drehmoment
Peso	Weight	Gewicht
Forma	Mounting	Bauform

Per altezze d'asse superiori al 315 richiedere lo specifico catalogo.

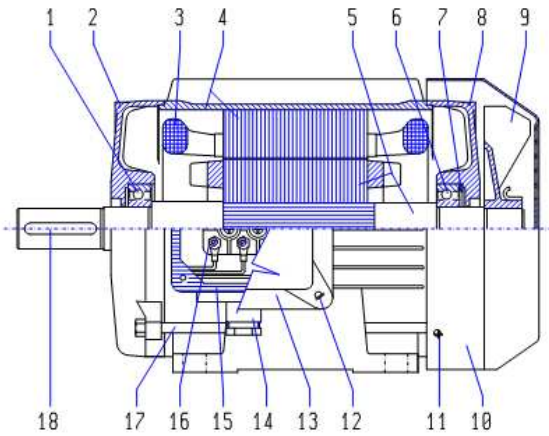
For size bigger as 315, please ask for the specific catalogue.

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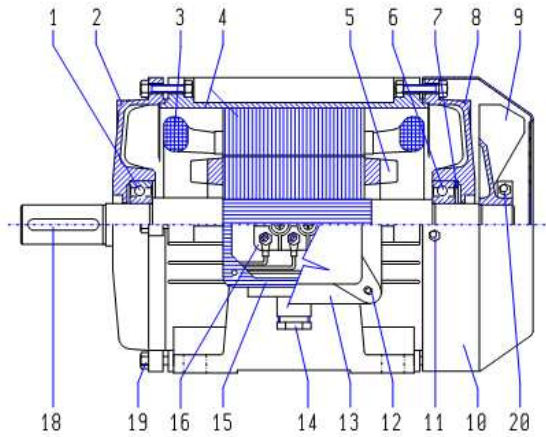
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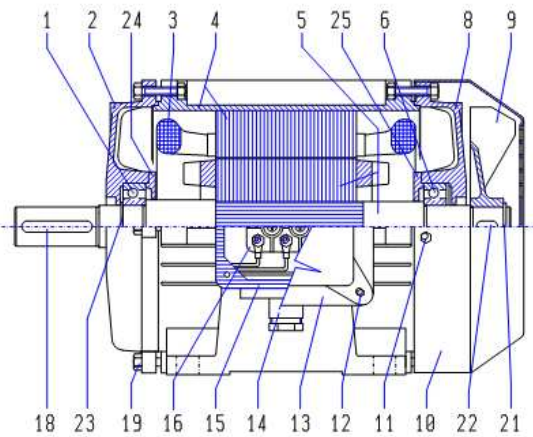
MOTORI C GRANDEZZE 63 ÷ 112



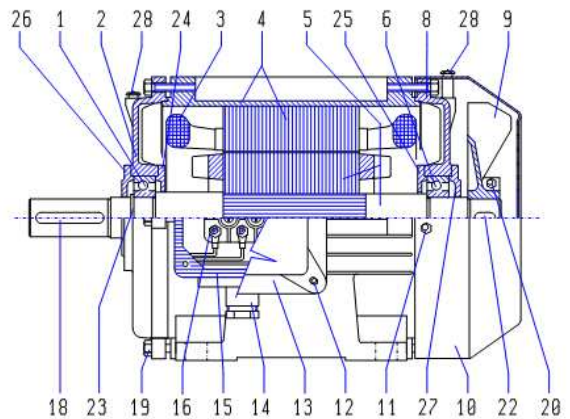
MOTORI C GRANDEZZE 132 ÷ 200



MOTORI C GRANDEZZE 225 ÷ 250



MOTORI C GRANDEZZE 280 ÷ 400



MOTORI ASINCRONI TRIFASI con rotore a gabbia
 Tipo C UNEL 13113-71 Forma B3 Grandezze 63÷400
 Costruzione chiusa - Ventilazione esterna

ASYNCHRONOUS THREE-PHASE MOTORS with squirrel cage rotor
 Type C UNEL 13113-71 Frame B3 Size 63÷400
 Enclosed construction - External ventilation

DREHSROM-ASYNCHRONMOTOREN mit Käfigläufer
 Type C UNEL 13113-71 Bauart B3 Baugröße 63÷400
 Geschlossene Ausführung - Oberflächenkühlung

PARTI DI RICAMBIO

1. Cuscinetto anteriore
2. Scudo anteriore
3. Avvolgimento
4. Carcasa con pacco statore
5. Albero con rotore
6. Cuscinetto posteriore
7. Molla di compensazione
8. Scudo posteriore
9. Ventola di raffreddamento
10. Calotta copriventola
11. Vite fissaggio copriventola
12. Vite fissaggio coprimorsettiera
13. Scatola coprimorsettiera
14. Pressacavo
15. Guarnizione
16. Morsettiera
17. Tirante
18. Linguetta lato accoppiamento
19. Vite fissaggio scudo
20. Vite fissaggio ventola
21. Anello elastico Seeger
22. Linguetta lato ventola
23. Anello elastico Seeger
24. Coperchietto paragrasso anteriore interno
25. Coperchietto paragrasso posteriore interno
26. Coperchietto paragrasso anteriore esterno
27. Coperchietto paragrasso posteriore esterno
28. Ingrassatore «Tecalmit»

SPARE PARTS

1. Front bearing
2. Front shield
3. Winding
4. Frame with stator package
5. Shaft with rotor
6. Rear bearing
7. Compensating spring
8. Rear shield
9. Cooling fan
10. Fan hood
11. Fixing screw for fan hood
12. Fixing screw for terminal-box
13. Terminal-box
14. Cable-holder
15. Packing
16. Terminal board
17. Tie-bolt
18. Coupling side key
19. Fixing screw for shield
20. Fixing screw for fan
21. Seeger elastic ring
22. Fan side key
23. Seeger elastic ring
24. Inner front side grease-guard cover
25. Inner rear side grease-guard cover
26. Outer front side grease-guard cover
27. Outer rear side grease-guard cover
28. «Tecalmit» lubricator

ERSATZTEILE

1. A-seitiges Lager
2. A-seitiges Lagerschild
3. Wicklung
4. Ständergehäuse mit Paket
5. Welle mit Rotor
6. B-seitiges Lager
7. Ausgleichsfeder
8. B-seitiges Lagerschild
9. Lüfterflügel
10. Lüfterhaube
11. Befestigungsschraube für Lüfterhaube
12. Befestigungsschraube für Klemmenkasten
13. Klemmenkastendeckel
14. PG-Verschraubung
15. Dichtung für Klemmenkastenunterteil
16. Klembrett
17. Gewindestange/Spannbolzen
18. Paßfeder A-Seite
19. Befestigungsschraube für Lagerschild
20. Befestigungsschraube für Lüfterflügel
21. Seegerring für Lüfter
22. Paßfeder Lüfterseite
23. Seegerring für Kugellager A-Seite
24. Lagerabschlußdeckel innen, A-Seite
25. Lagerabschlußdeckel innen, B-Seite
26. Lagerabschlußdeckel außen, A-Seite
27. Lagerabschlußdeckel außen, B-Seite
28. «Telecamit» Nachschmiereinrichtung

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Tipo C

UNEL 13113-71 Forma B3
 Grandezze 63÷200

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

Tipo C

UNEL 13113-71 Frame B3
 Sizes 63÷200

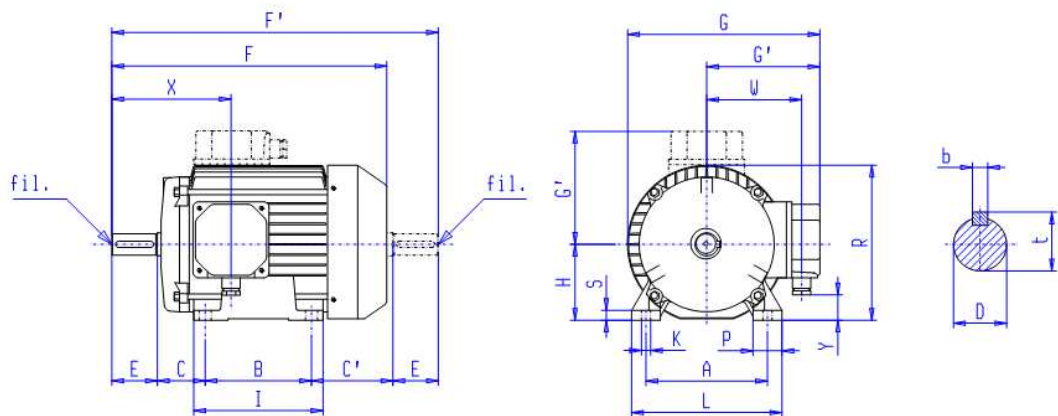
DREHSTROM- ASYNCHRONMOTOREN

MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Tipo C

UNEL 13113-71 Bauform B3
 Baugröße 63÷200



TIPO	A	B	C	D	E	F	G	H ⁺⁰ _{-0.5}	K	I	L	P	R	S
NORME IEC	A	B	C	D	E	L	-	H	K	BB	AB	AA	HC	HA
C 63	100	80	40	11 j6	23	212	158	63	6	103	128	28	125	7
C 71	112	90	45	14 j6	30	238	185	71	7	101	137	24	144	10
C 80	125	100	50	19 j6	40	274	210	80	9	122	155	30	164	10
C 90S	140	100	56	24 j6	50	297	230	90	10	125	175	34	180	12
C 90L	140	125	56	24 j6	50	322	230	90	10	150	175	34	180	12
C 100L	160	140	63	28 j6	60	361	253	100	12	173	198	37	205	14
C 112MT	190	140	70	28 j6	60	361	265	112	12	178	224	38	217	15
C 132S	216	140	89	38 k6	80	470	328	132	13	225	258	50	264	19
C 132M	216	178	89	38 k6	80	496	328	132	13	225	258	50	264	19
C 160MT	254	210	108	42 k6	110	570	362	160	14	250	292	60	290	18
C 160M	254	210	108	42 k6	110	650	405	160	14	332	315	67	325	20
C 160L	254	254	108	42 k6	110	650	405	160	14	332	315	67	325	20
C 180MT	279	241	121	48 k6	110	690	420	180	14	320	350	80	340	22
C 180LT	279	279	121	48 k6	110	690	420	180	14	320	350	80	340	22
C 200LT	318	305	133	55 m6	110	750	475	200	18	365	395	90	380	24

TIPO	C'	F'	G'	X	Y	W	b	t	Pressacavo	Foro filettato
NORME IEC	CA	LC	-	-	-	-	F	GA		
C 63	73	239	95	86	18	68	4	12.5	M16x1.5	M 4x0.7
C 71	85.5	280.5	115	111	20	88	5	16	M20x1.5	M 5x0.8
C 80	93.5	323.5	126	113	30	96	6	21.5	M20x1.5	M 6x1
C 90S	118	374	142	134	30	115	8	2	M20x1.5	M 8x1.25
C 90L	118	399	142	134	30	115	8	27	M20x1.5	M 8x1.25
C 100L	107	430	155	160	35	123	8	31	M25x1.5	M 10x1.5
C 112MT	100	430	155	160	47	123	8	31	M25x1.5	M 10x1.5
C 132S	167	556	200	198	50	162	10	41	M25x1.5	M 12x1.75
C 132M	173	600	200	198	50	162	10	41	M25x1.5	M 12x1.75
C 160MT	165	703	215	275	50	170	12	45	M32x1.5	M 16x2
C 160M	227	765	245	345	50	195	12	45	M40x1.5	M 16x2
C 160L	183	765	245	345	50	195	12	45	M40x1.5	M 16x2
C 180MT	242	824	245	370	70	195	14	51.5	M40x1.5	M 16x2
C 180LT	204	824	245	370	70	195	14	51.5	M40x1.5	M 16x2
C 200LT	247	905	275	400	100	215	16	59	M40x1.5	M 20x2.5

Typo
Quota
Pressacavo
Foro filettato

Type
Dimension
Cable-holder
Threaded hole

Type
Mass
PG-Verschraubung
Gewindebohrung

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Typo C

UNEL 13113-71 Forma B3
Grandezze 225÷315

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

Typo C

UNEL 13113-71 Frame B3
Sizes 225÷315

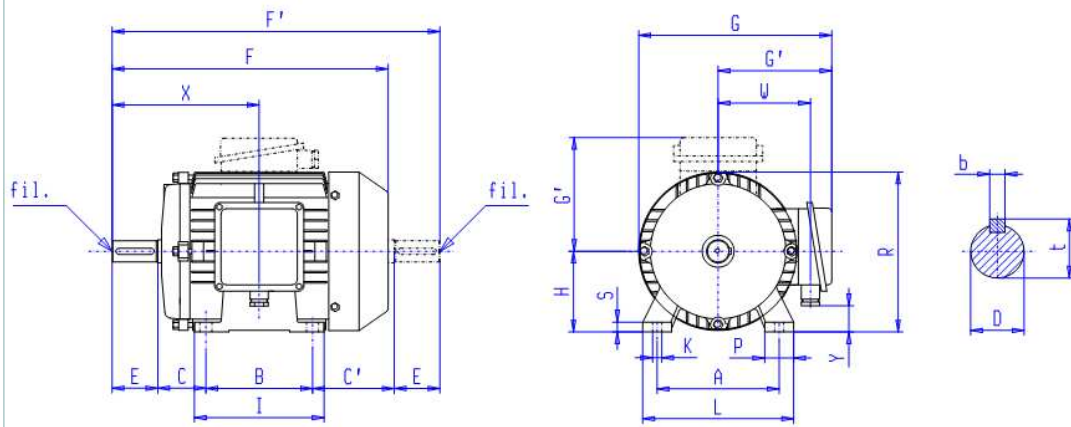
DREHSTROM- ASYNCHRONMOTOREN

MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Typo C

UNEL 13113-71 Bauform B3
Baugröße 225÷315



TIPO	Poli	A	B	C	D	E	F	G	H ⁺⁰ _{-0.5}	K	I	L	P	R	S
NORME IEC		A	B	C	D	E	L	-	H	K	BB	AB	AA	HC	H A
C 225ST	4-6-8	356	286	149	60 m6	140	830	490	225 ⁺⁰ _{-0.5}	18	370	436	80	420	30
C 225MT	2	356	311	149	55 m6	110	800	490	225 ⁺⁰ _{-0.5}	18	370	436	80	420	30
C 225MT	4-6-8	356	311	149	60 m6	140	830	490	225 ⁺⁰ _{-0.5}	18	370	436	80	420	30
C 250MT	2	406	349	168	60 m6	140	905	570	250 ⁺⁰ _{-0.5}	22	410	476	95	480	32
C 250MT	4-6-8	406	349	168	65 m6	140	905	570	250 ⁺⁰ ₋₁	22	410	476	95	480	32
C 280ST	2	457	368	190	65 m6	140	1030	650	280 ⁺⁰ ₋₁	22	480	534	115	535	35
C 280ST	4-6-8	457	368	190	75 m6	140	1030	650	280 ⁺⁰ ₋₁	22	480	534	115	535	35
C 280MT	2	457	419	190	65 m6	140	1030	650	280 ⁺⁰ ₋₁	22	480	534	115	535	35
C 280MT	4-6-8	457	419	190	75 m6	140	1030	650	280 ⁺⁰ ₋₁	22	480	534	115	535	35
C 315ST	2	508	406	216	65 m6	140	1050	650	315 ⁺⁰ ₋₁	27	480	576	130	570	38
C 315ST	4-6-8	508	406	216	80 m6	170	1080	650	315 ⁺⁰ ₋₁	27	480	576	130	570	38
C 315M	2	508	457	216	65 m6	140	1150	775	315 ⁺⁰ ₋₁	27	545	600	135	620	42
C 315M	4-6-8	508	457	216	80 m6	170	1180	775	315 ⁺⁰ ₋₁	27	545	600	135	620	42

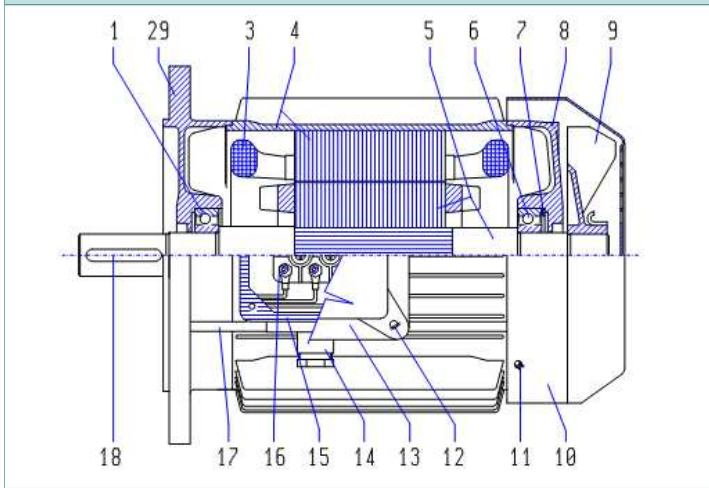
TIPO	Poli	C'	F'	G'	X	Y	W	b	t	Pressacavo	Foro filettato
NORME IEC		CA	LC	-	-	-	-	F	GA		
C 225ST	4-6-8	270	985	290	445	115	245	18	64	M50x1.5	M 20x2.5
C 225MT	2	245	925	290	415	115	245	16	59	M50x1.5	M 20x2.5
C 225MT	4-6-8	245	985	290	445	115	245	18	64	M50x1.5	M 20x2.5
C 250MT	2	264	1061	330	485	160	270	18	64	M50x1.5	M 20x2.5
C 250MT	4-6-8	264	1061	330	485	160	270	18	69	M50x1.5	M 20x2.5
C 280ST	2	332	1170	400	540	150	320	18	69	M50x1.5	M 20x2.5
C 280ST	4-6-8	332	1170	400	540	150	320	20	79.5	M50x1.5	M 20x2.5
C 280MT	2	281	1170	400	540	150	320	18	69	M50x1.5	M 20x2.5
C 280MT	4-6-8	281	1170	400	540	150	320	20	79.5	M50x1.5	M 20x2.5
C 315ST	2	293	1195	400	560	185	320	18	69	M63x1.5	M 20x2.5
C 315ST	4-6-8	293	1255	400	590	185	320	22	85	M63x1.5	M 20x2.5
C 315M	2	352	1305	470	582	150	380	18	69	N.2 M63x1.5	M 20x2.5
C 315M	4-6-8	352	1365	470	612	150	380	22	85	N.2 M63x1.5	M 20x2.5

Typo
Poli
Quota
Pressacavo
Foro filettato

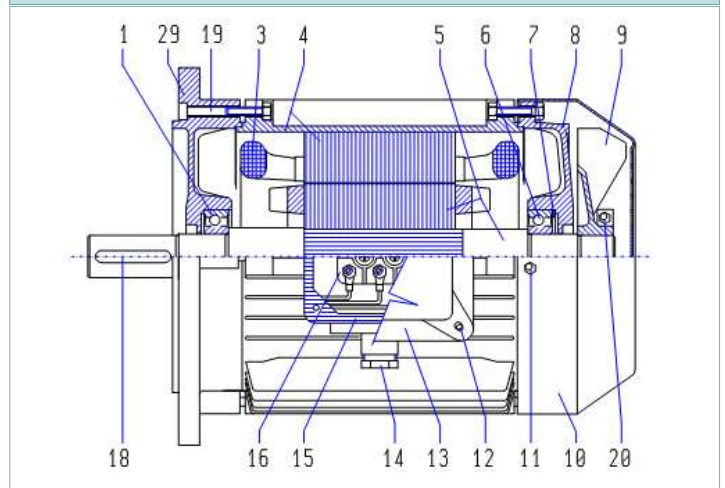
Type
Poles
Dimension
Cable-holder
Threaded hole

Type
Polzahl
Mass
PG-Verschraubung
Gewindebohrung

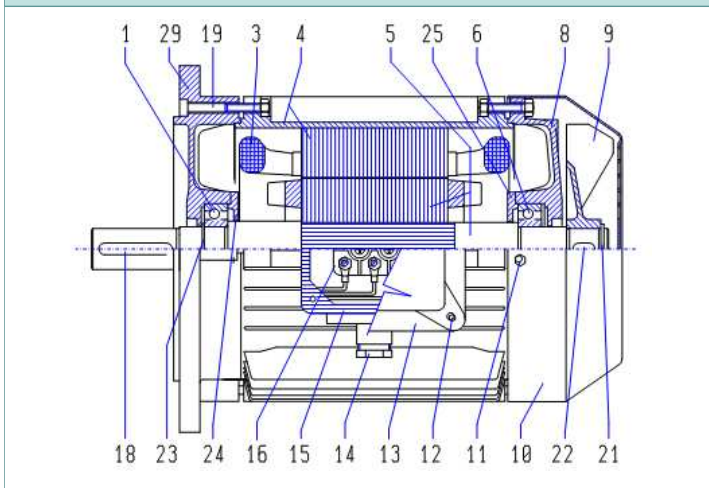
MOTORI FC GRANDEZZE 63 ÷ 112



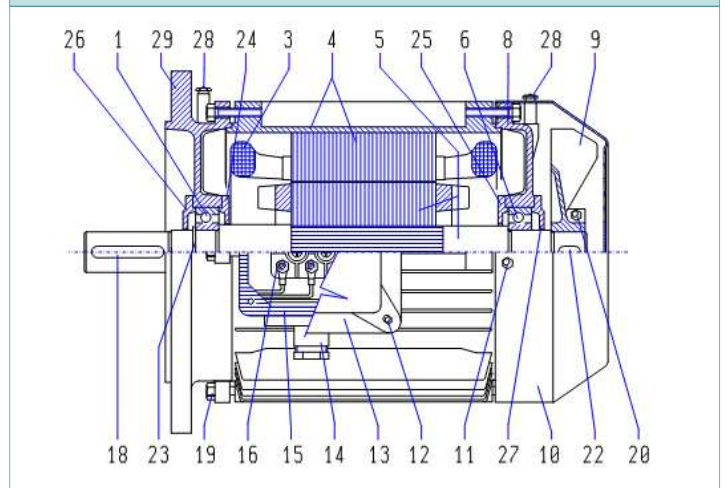
MOTORI FC GRANDEZZE 132 ÷ 200



MOTORI FC GRANDEZZE 225 ÷ 250



MOTORI FC GRANDEZZE 280 ÷ 400



MOTORI ASINCRONI TRIFASI con rotore a gabbia
 Tipo FC UNEL 13117-71 Forma B5 Grandezze 63÷400
 Costruzione chiusa - Ventilazione esterna

ASYNCHRONOUS THREE-PHASE MOTORS with squirrel cage rotor
 Type FC UNEL 13117-71 Frame B5 Size 63÷400
 Enclosed construction - External ventilation

DREHSTRÖM-ASYNCHRONMOTOREN mit Käfigläufer
 Type FC UNEL 13117-71 Bauart B5 Baugröße 63÷400
 Geschlossene Ausführung - Oberflächenkühlung

PARTI DI RICAMBIO

1. Cuscinetto anteriore
3. Avvolgimento
4. Carcasa con pacco statore
5. Albero con rotore
6. Cuscinetto posteriore
7. Molla di compensazione
8. Scudo posteriore
9. Ventola di raffreddamento
10. Calotta copriventola
11. Vite fissaggio copriventola
12. Vite fissaggio coprimorsettiera
13. Scatola coprimorsettiera
14. Pressacavo
15. Guarnizione
16. Morsettiera
17. Tirante
18. Linguetta lato accoppiamento
19. Vite fissaggio scudo
20. Vite fissaggio ventola
21. Anello elastico Seeger
22. Linguetta lato ventola
23. Anello elastico Seeger
24. Coperchietto paragrasso anteriore interno
25. Coperchietto paragrasso posteriore interno
26. Coperchietto paragrasso anteriore esterno
27. Coperchietto paragrasso posteriore esterno
28. Ingrassatore «Teccalmit»
29. Scudo flangiato

SPARE PARTS

1. Front bearing
3. Winding
4. Frame with stator package
5. Shaft with rotor
6. Rear bearing
7. Compensating spring
8. Rear shield
9. Cooling fan
10. Fan hood
11. Fixing screw for fan hood
12. Fixing screw for terminal-box
13. Terminal-box
14. Cable-holder
15. Packing
16. Terminal board
17. Tie-bolt
18. Coupling side key
19. Fixing screw for shield
20. Fixing screw for fan
21. Seeger elastic ring
22. Fan side key
23. Seeger elastic ring
24. Inner front side grease-guard cover
25. Inner rear side grease-guard cover
26. Outer front side grease-guard cover
27. Outer rear side grease-guard cover
28. «Teccalmit» lubricator
29. Shield with flange

ERSATZTEILE

1. A-seitiges Lager
3. Wicklung
4. Ständergehäuse mit Paket
5. Welle mit Rotor
6. B-seitiges Lager
7. Ausgleichsfeder
8. B-seitiges Lagerschild
9. Lüfterflügel
10. Lüfterhaube
11. Befestigungsschraube für Lüfterhaube
12. Befestigungsschraube für Klemmenkasten
13. Klemmenkastendeckel
14. PG-Verschraubung
15. Dichtung für Klemmenkastenunterteil
16. Klemmbrett
17. Gewindestange/Spannbolzen
18. Paßfeder A-Seite
19. Befestigungsschraube für Lagerschild
20. Befestigungsschraube für Lüfterflügel
21. Seegerring für Lüfter
22. Paßfeder Lüfterseite
23. Seegerring für Kugellager A-Seite
24. Lagerabschlußdeckel innen, A-Seite
25. Lagerabschlußdeckel innen, B-Seite
26. Lagerabschlußdeckel außen, A-Seite
27. Lagerabschlußdeckel außen, B-Seite
28. «Teccalmit» Nachschmiereinrichtung
29. Lagerschild mit Flansch

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Tipo FC

UNEL 13117-71 Forma B5
Grandezze 63÷200

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

Type FC

UNEL 13117-71 Frame B5
Sizes 63÷200

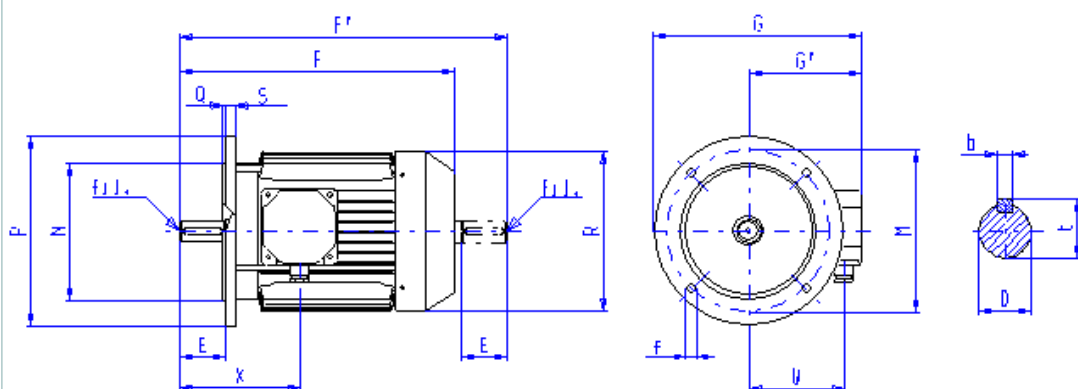
DREHSTROM- ASYNCHRONMOTOREN

MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Type FC

UNEL 13117-71 Bauform B5
Baugrösse 63÷200



TIPO	D	E	F	f	G	M	N	P	Q	R	S	N. fori flangia
NORME IEC	D	E	L	S	-	M	N	P	T	HC	LA	
FC 63	11 j6	23	212	9.5	165	115	95 j6	140	3	125	10	4
FC 71	14 j6	30	238	9.5	195	130	110 j6	160	3.5	148	10	4
FC 80	19 j6	40	274	11.5	226	165	130 j6	200	3.5	170	12	4
FC 90S	24 j6	50	297	11.5	242	165	130 j6	200	3.5	185	12	4
FC 90L	24 j6	50	322	11.5	242	165	130 j6	200	3.5	185	12	4
FC 100L	28 j6	60	361	14	280	215	180 j6	250	4	210	14	4
FC 112MT	28 j6	60	361	14	280	215	180 j6	250	4	210	14	4
FC 132S	38 k6	80	470	14	350	265	230 j6	300	4	260	14	4
FC 132M	38 k6	80	496	14	350	265	230 j6	300	4	260	14	4
FC 160MT	42 k6	110	570	18	390	300	250 h6	350	5	260	15	4
FC 160M	42 k6	110	650	18	420	300	250 h6	350	5	320	15	4
FC 160L	42 k6	110	650	18	420	300	250 h6	350	5	320	15	4
FC 180MT	48 k6	110	690	18	420	300	250 h6	350	5	320	15	4
FC 180LT	48 k6	110	690	18	420	300	250 h6	350	5	320	15	4
FC 200LT	55 m6	110	750	18	475	350	300 h6	400	5	360	15	4

TIPO	F'	G'	X	W	b	t	Pressacavo	Foro filettato
NORME IEC	LC	-	-	-	F	GA		
FC 63	239	95	86	68	4	12.5	M16x1.5	M 4x0.7
FC 71	280.5	115	111	88	5	16	M20x1.5	M 5x0.8
FC 80	323.5	126	113	96	6	21.5	M20x1.5	M 6x1
FC 90S	374	142	134	115	8	27	M20x1.5	M 8x1.25
FC 90L	399	142	134	115	8	27	M20x1.5	M 8x1.25
FC 100L	430	155	160	123	8	31	M25x1.5	M 10x1.5
FC 112MT	430	155	160	123	8	31	M25x1.5	M 10x1.5
FC 132S	556	200	198	162	10	41	M25x1.5	M 12x1.75
FC 132M	600	200	198	162	10	41	M25x1.5	M 12x1.75
FC 160MT	703	215	275	170	12	45	M32x1.5	M 16x2
FC 160M	765	245	345	195	12	45	M40x1.5	M 16x2
FC 160L	765	245	345	195	12	45	M40x1.5	M 16x2
FC 180MT	824	245	370	195	14	51.5	M40x1.5	M 16x2
FC 180LT	824	245	370	195	14	51.5	M40x1.5	M 16x2
FC 200LT	905	275	400	215	16	59	M40x1.5	M 20x2.5

Tipo
Quota
N. fori flangia
Pressacavo
Foro filettato

Type
Dimension
Flange holes nr.
Cable-holder
Threaded hole

Type
Mass
Anzahl der Flanschlöcher
PG-Verschraubung
Gewindebohrung

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Tipo FC

UNEL 13117-71 Forma B5
Grandezze 225÷315

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

Type FC

UNEL 13117-71 Frame B5
Sizes 225÷315

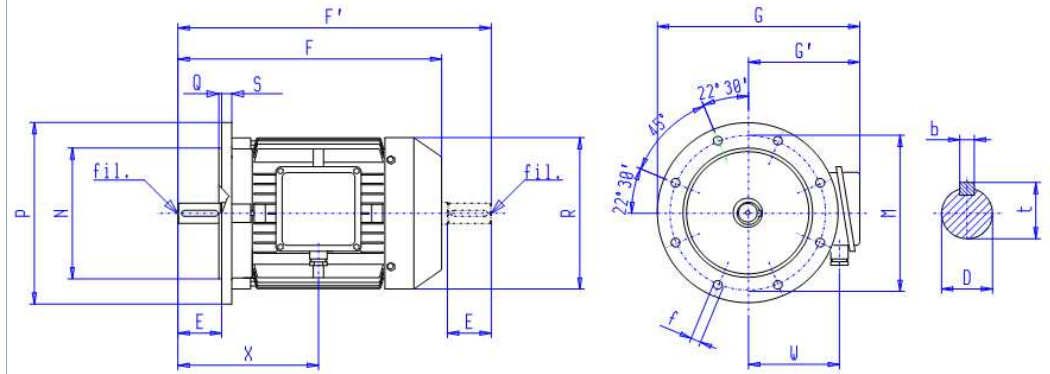
DREHSTROM- ASYNCHRONMOTOREN

MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Type FC

UNEL 13117-71 Bauform B5
Baugröße 225÷315



TIPO	Poli	D	E	F	f	G	M	N	P	Q	R	S	N. fori flangia
NORME IEC		D	E	L	S	-	M	N	P	T	HC	LA	
FC 225ST	4-6-8	60 m6	140	830	18	51	400	350 h6	450	5	400	16	8
FC 225MT	2	55 m6	110	800	18	515	400	350 h6	450	5	400	16	8
FC 225MT	4-6-8	60 m6	140	830	18	515	400	350 h6	450	5	400	16	8
FC 250MT	2	60 m6	140	905	18	605	500	450 h6	550	5	450	18	8
FC 250MT	4-6-8	65 m6	140	905	18	605	500	450 h6	550	5	450	18	8
FC 280ST	2	65 m6	140	1030	18	675	500	450 h6	550	5	510	18	8
FC 280ST	4-6-8	75 m6	140	1030	18	675	500	450 h6	550	5	510	18	8
FC 280MT	2	65 m6	140	1030	18	675	500	450 h6	550	5	510	18	8
FC 280MT	4-6-8	75 m6	140	1030	18	675	500	450 h6	550	5	510	18	8
FC 315ST	2	65 m6	140	1050	22	730	600	550 h6	660	6	510	22	8
FC 315ST	4-6-8	80 m6	170	1080	22	730	600	550 h6	660	6	510	22	8
FC 315M	2	65 m6	140	1150	22	800	600	550 h6	660	6	630	22	8
FC 315M	4-6-8	80 m6	170	1180	22	800	600	550 h6	660	6	630	22	8

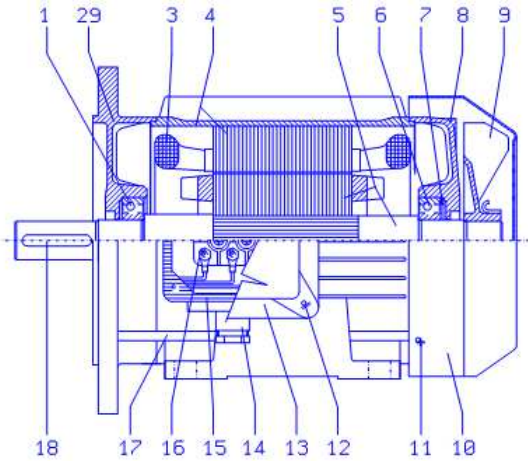
TIPO	Poli	F'	G'	X	W	b	t	Pressacavo	Foro filettato
NORME IEC		LC	-	-	-	F	GA		
FC 225ST	4-6-8	985	290	445	245	18	64	M50x1.5	M 20x2.5
FC 225MT	2	925	290	415	245	16	59	M50x1.5	M 20x2.5
FC 225MT	4-6-8	985	290	445	245	18	64	M50x1.5	M 20x2.5
FC 250MT	2	1061	330	485	270	18	64	M50x1.5	M 20x2.5
FC 250MT	4-6-8	1061	330	485	270	18	69	M50x1.5	M 20x2.5
FC 280ST	2	1170	400	540	320	18	69	M50x1.5	M 20x2.5
FC 280ST	4-6-8	1170	400	540	320	20	79.5	M50x1.5	M 20x2.5
FC 280MT	2	1170	400	540	320	18	69	M50x1.5	M 20x2.5
FC 280MT	4-6-8	1170	400	540	320	20	79.5	M50x1.5	M 20x2.5
FC 315ST	2	1195	400	560	320	18	69	M63x1.5	M 20x2.5
FC 315ST	4-6-8	1255	400	590	320	22	85	M63x1.5	M 20x2.5
FC 315M	2	1305	470	582	380	18	69	N.2 M63x1.5	M 20x2.5
FC 315M	4-6-8	1365	470	612	380	22	85	N.2 M63x1.5	M 20x2.5

Tipo
Poli
Quota
N. fori flangia
Pressacavo
Foro filettato

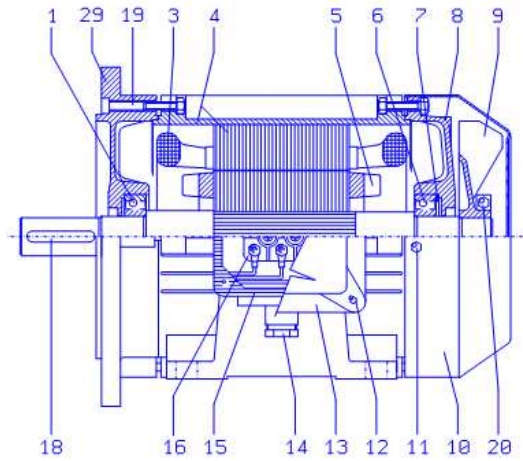
Type
Poles
Dimension
Flange holes nr.
Cable-holder
Threaded hole

Type
Polzahl
Mass
Anzahl der Flanschlöcher
PG-Verschraubung
Gewindebohrung

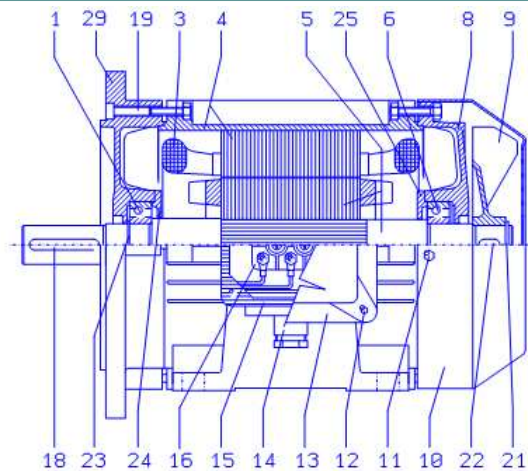
MOTORI FCP GRANDEZZE 63 ÷ 112



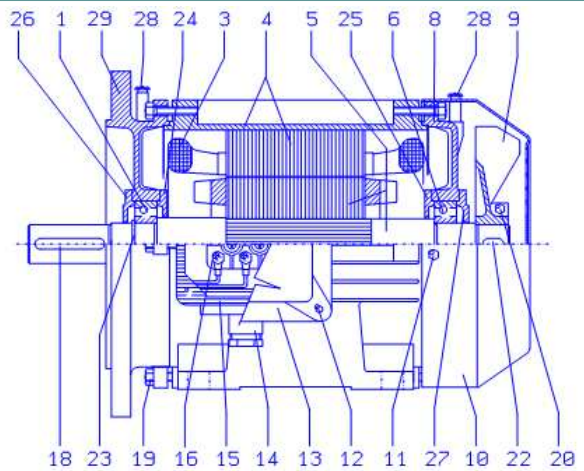
MOTORI FCP GRANDEZZE 132 ÷ 200



MOTORI FCP GRANDEZZE 225 ÷ 350



MOTORI FCP GRANDEZZE 280 ÷ 400



MOTORI ASINCRONI TRIFASI con rotore a gabbia
 Tipo FCP Forma B3-B5 Grandezze 63-400
 Costruzione chiusa - Ventilazione esterna

ASYNCHRONOUS THREE-PHASE MOTORS with squirrel cage rotor
 Type FCP Frame B3-B5 Size 63-400
 Enclosed construction - External ventilation

DREHSROM-ASYNCHRONMOTOREN mit Käfigläufer
 Type FCP Bauart B3-B5 Baugröße 63-400
 Geschlossene Ausführung - Oberflächenkühlung

PARTI DI RICAMBIO

1. Cuscinetto anteriore
3. Avvolgimento
4. Carcasa con pacco statore
5. Albero con rotore
6. Cuscinetto posteriore
7. Molla di compensazione
8. Scudo posteriore
9. Ventola di raffreddamento
10. Calotta copriventola
11. Vite fissaggio copriventola
12. Vite fissaggio coprimorsettiera
13. Scatola coprimorsettiera
14. Pressacavo
15. Guarnizione
16. Morsettiera
17. Tirante
18. Linguetta lato accoppiamento
19. Vite fissaggio scudo
20. Vite fissaggio ventola
21. Anello elastico Seeger
22. Linguetta lato ventola
23. Anello elastico Seeger
24. Coperchietto paragrasso anteriore interno
25. Coperchietto paragrasso posteriore interno
26. Coperchietto paragrasso anteriore esterno
27. Coperchietto paragrasso posteriore esterno
28. Ingrassatore «Tecalmit»
29. Scudo flangiato

SPARE PARTS

1. Front bearing
3. Winding
4. Frame with stator package
5. Shaft with rotor
6. Rear bearing
7. Compensating spring
8. Rear shield
9. Cooling fan
10. Fan hood
11. Fixing screw for fan hood
12. Fixing screw for terminal-box
13. Terminal-box
14. Cable-holder
15. Packing
16. Terminal board
17. Tie-bolt
18. Coupling side key
19. Fixing screw for shield
20. Fixing screw for fan
21. Seeger elastic ring
22. Fan side key
23. Seeger elastic ring
24. Inner front side grease-guard cover
25. Inner rear side grease-guard cover
26. Outer front side grease-guard cover
27. Outer rear side grease-guard cover
28. «Tecalmit» lubricator
29. Shield with flange

ERSATZTEILE

1. A-seitiges Lager
3. Wicklung
4. Ständergehäuse mit Paket
5. Welle mit Rotor
6. B-seitiges Lager
7. Ausgleichsfeder
8. B-seitiges Lagerschild
9. Lüfterflügel
10. Lüfterhaube
11. Befestigungsschraube für Lüfterhaube
12. Befestigungsschraube für Klemmenkasten
13. Klemmenkastendeckel
14. PG-Verschraubung
15. Dichtung für Klemmenkastenunterteil
16. Klemmbrett
17. Gewindestange/Spannbolzen
18. Paßfeder A-Seite
19. Befestigungsschraube für Lagerschild
20. Befestigungsschraube für Lüfterflügel
21. Seegerring für Lüfter
22. Paßfeder Lüfterseite
23. Seegerring für Kugellager A-Seite
24. Lagerabschlußdeckel innen, A-Seite
25. Lagerabschlußdeckel innen, B-Seite
26. Lagerabschlußdeckel außen, A-Seite
27. Lagerabschlußdeckel außen, B-Seite
28. «Tecalmit» Nachschmiereinrichtung
29. Lagerschild mit Flansch

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Tipo FCP
Forma B3-B5
Grandezze 63÷200

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

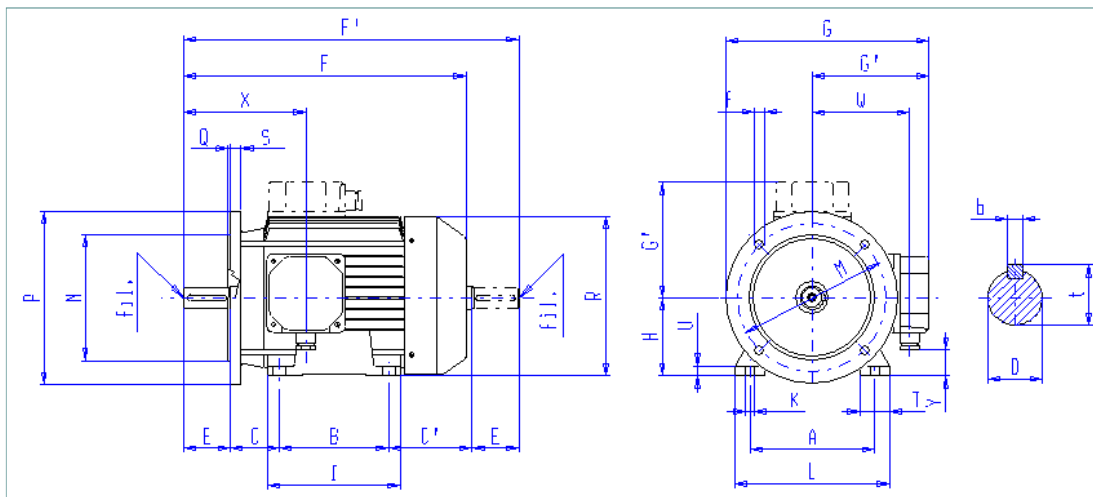
Type FCP
Frame B3-B5
Sizes 63÷200

DREHSTROM- ASYNCHRONMOTOREN

MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Type FCP
Bauform B3-B5
Baugröße 63÷200



TIPO	A	B	C	D	E	F	f	G	H ⁺⁰ _{-0.5}	K	I	L	M	N	P	N°f
NORME IEC	A	B	C	D	E	L	S	-	H	K	BB	AB	M	N	P	
FCP 63	100	80	40	11j6	23	212	9.5	165	63	6	103	128	115	95j6	140	4
FCP 71	112	90	45	14j6	30	238	9.5	195	71	7	101	137	130	110j6	160	4
FCP 80	125	100	50	19j6	40	274	11.5	226	80	9	122	155	165	130j6	200	4
FCP 90S	140	100	56	24j6	50	297	11.5	242	90	10	125	175	165	130j6	200	4
FCP 90L	140	125	56	24j6	50	322	11.5	242	90	10	150	175	165	130j6	200	4
FCP 100L	160	140	63	28j6	60	361	14	280	100	12	173	198	215	180j6	250	4
FCP 112MT	190	140	70	28j6	60	361	14	280	112	12	178	224	215	180j6	250	4
FCP 132S	216	140	89	38k6	80	470	14	350	132	13	225	258	265	230j6	300	4
FCP 132M	216	178	89	38k6	80	496	14	350	132	13	225	258	265	230j6	300	4
FCP 160MT	254	210	108	42k6	110	570	18	390	160	14	250	292	300	250h6	350	4
FCP 160M	254	210	108	42k6	110	650	18	420	160	14	332	315	300	250h6	350	4
FCP 160L	254	254	108	42k6	110	650	18	420	160	14	332	315	300	250h6	350	4
FCP 180MT	279	241	121	48k6	110	690	18	420	180	14	320	350	300	250h6	350	4
FCP 180LT	279	279	121	48k6	110	690	18	420	180	14	320	350	300	250h6	350	4
FCP 200LT	318	305	133	55m6	110	750	18	475	200	18	365	395	350	300h6	400	4

TIPO	Q	R	S	T	U	C'	F'	G'	X	Y	W	b	t	Pressacavo	Foro filettato
NORME IEC	T	HC	LA	AA	HA	CA	LC	-	-	-	-	F	GA		
FCP 63	3	125	10	28	7	73	239	95	86	18	68	4	12.5	M16x1.5	M 4x0.7
FCP 71	3.5	144	10	24	10	85.5	280.5	115	111	20	88	5	16	M20x1.5	M 5x0.8
FCP 80	3.5	164	12	30	10	93.5	323.5	126	113	30	96	6	21.5	M20x1.5	M 6x1
FCP 90S	3.5	180	12	34	12	118	374	142	134	30	115	8	27	M20x1.5	M 8x1.25
FCP 90L	3.5	180	12	34	12	118	399	142	134	30	115	8	27	M20x1.5	M 8x1.25
FCP 100L	4	205	14	37	14	107	430	155	160	35	123	8	31	M25x1.5	M10x1.5
FCP 112MT	4	217	14	38	15	100	430	155	160	47	123	8	31	M25x1.5	M 10x1.5
FCP 132S	4	264	14	50	19	167	556	200	198	50	162	10	41	M25x1.5	M 12x1.75
FCP 132M	4	264	14	50	19	173	600	200	198	50	162	10	41	M25x1.5	M 12x1.75
FCP 160MT	5	290	15	60	18	165	703	215	275	50	170	12	45	M32x1.5	M 16x2
FCP 160M	5	325	15	67	20	227	765	245	345	50	195	12	45	M40x1.5	M 16x2
FCP 160L	5	325	15	67	20	183	765	245	345	50	195	12	45	M40x1.5	M 16x2
FCP 180MT	5	340	15	80	22	242	824	245	370	70	195	14	15.5	M40x1.5	M 16x2
FCP 180LT	5	340	15	80	22	204	824	245	370	70	195	14	51.5	M40x1.5	M 16x2
FCP 200LT	5	380	15	90	24	247	905	275	400	100	215	16	59	M40x1.5	M 20x2.5

Tipo
Quota
N. fori flangia
Pressacavo
Foro filettato

Type
Dimension
Flange holes nr.
Cable-holder
Threaded hole

Type
Mass
Anzahl der Flanschlöcher
PG-Verschraubung
Gewindebohrung

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Tipo FCP
Forma B3-B5
Grandezze 225÷315

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

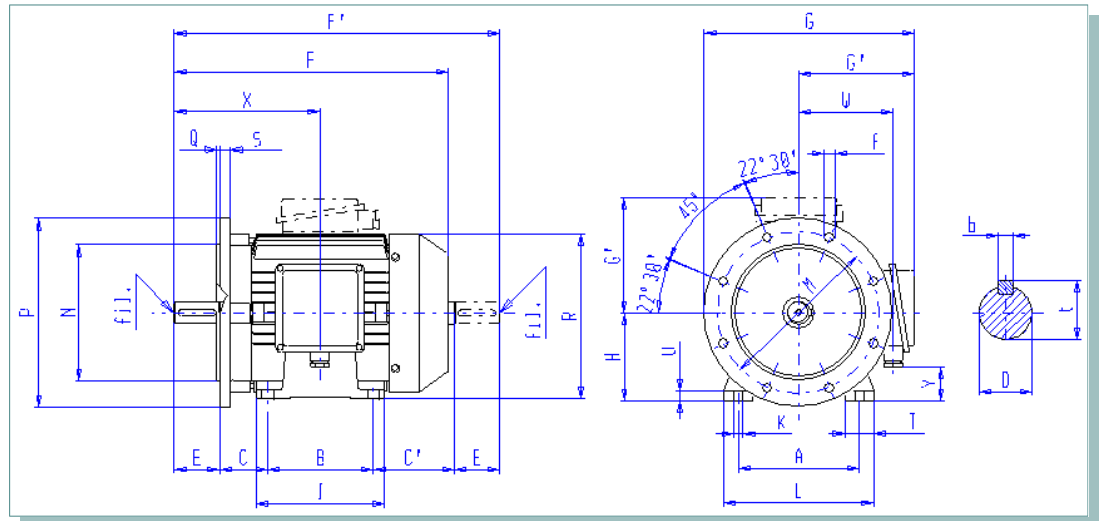
WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

Type FCP
Frame B3-B5
Sizes 225÷315

DREHSTROM- ASYNCHRONMOTOREN MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Type FCP
Bauform B3-B5
Baugröße 225÷315



TIPO	Poli	A	B	C	D	E	F	f	G	H	K	I	L	M	N	P	N° f
NORME IEC		A	B	C	D	E	L	S	-	H ⁺⁰ _{-0.5}	K	BB	AB	M	N	P	
FCP 225ST	4-6-8	356	286	149	60m6	140	830	18	515	225 ⁺⁰ _{-0.5}	18	370	436	400	350h6	450	8
FCP 225MT	2	356	311	149	55m6	110	800	18	515	225 ⁺⁰ _{-0.5}	18	370	436	400	350h6	450	8
FCP 225MT	4-6-8	356	311	149	60m6	140	830	18	515	225 ⁺⁰ _{-0.5}	18	370	436	400	350h6	450	8
FCP 250MT	2	406	349	168	60m6	140	905	18	605	250 ⁺⁰ _{-0.5}	22	410	476	500	450h6	550	8
FCP 250MT	4-6-8	406	349	168	65m6	140	905	18	605	250 ⁺⁰ ₋₁	22	410	476	500	450h6	550	8
FCP 280ST	2	457	368	190	65m6	140	1030	18	675	280 ⁺⁰ ₋₁	22	480	534	500	450h6	550	8
FCP 280ST	4-6-8	457	368	190	75m6	140	1030	18	675	280 ⁺⁰ ₋₁	22	480	534	500	450h6	550	8
FCP 280MT	2	457	419	190	65m6	140	1030	18	675	280 ⁺⁰ ₋₁	22	480	534	500	450h6	550	8
FCP 280MT	4-6-8	457	419	190	75m6	140	1030	18	675	280 ⁺⁰ ₋₁	22	480	534	500	450h6	550	8
FCP 315ST	2	508	406	216	65m6	140	1050	22	730	315 ⁺⁰ ₋₁	27	480	576	600	550h6	660	8
FCP 315ST	4-6-8	508	406	216	80m6	170	1080	22	730	315 ⁺⁰ ₋₁	27	480	576	600	550h6	660	8
FCP 315M	2	508	457	216	65m6	140	1150	22	800	315 ⁺⁰ ₋₁	27	545	600	600	550h6	660	8
FCP 315M-	4-6-8	508	457	216	80m6	170	1180	22	800	315 ⁺⁰ ₋₁	27	545	600	600	550h6	660	8

TIPO	Poli	Q	R	S	T	U	C'	F'	G'	X	Y	W	b	t	Pressacavo	Foro filettato
NORME IEC		T	HC	LA	AA	HA	CA	LC	-	-	-	-	F	GA		
FCP 225ST	4-6-8	5	420	16	80	30	270	985	290	445	115	245	18	64	M50x1.5	M 20x2.5
FCP 225MT	2	5	420	16	80	30	245	925	290	415	115	245	16	59	M50x1.5	M 20x2.5
FCP 225MT	4-6-8	5	420	16	80	30	245	985	290	445	115	245	18	64	M50x1.5	M 20x2.5
FCP 250MT	2	5	480	18	95	32	264	1061	330	485	160	270	18	64	M50x1.5	M 20x2.5
FCP 250MT	4-6-8	5	480	18	95	32	264	1061	330	485	160	270	18	69	M50x1.5	M 20x2.5
FCP 280ST	2	5	535	18	115	35	332	1170	400	540	150	320	18	69	M50x1.5	M 20x2.5
FCP 280ST	4-6-8	5	535	18	115	35	332	1170	400	540	150	320	20	79.5	M50x1.5	M 20x2.5
FCP 280MT	2	5	535	18	115	35	281	1170	400	540	150	320	18	69	M50x1.5	M 20x2.5
FCP 280MT	4-6-8	5	535	18	115	35	281	1170	400	540	150	320	20	79.5	M50x1.5	M 20x2.5
FCP 315ST	2	6	570	22	130	38	293	1195	400	560	185	320	18	69	M63x1.5	M 20x2.5
FCP 315ST	4-6-8	6	570	22	130	38	293	1255	400	590	185	320	22	85	M63x1.5	M 20x2.5
FCP 315M	2	6	620	22	135	42	352	1305	470	582	150	380	18	69	N.2 M63x1.5	M 20x2.5
FCP 315M	4-6-8	6	620	22	135	42	352	1365	470	612	150	380	22	85	N.2 M63x1.5	M 20x2.5

Tipo

Poli

Quota

N. fori flangia

Pressacavo

Foro filettato

Type

Poles

Dimension

Flange holes nr.

Cable-holder

Threaded hole

Type

Polzahl

Mass

Anzahl der Flanschlöcher

PG-Verschraubung

Gewindebohrung

MOTORI ASINCRONI TRIFASI

DIMENSIONI D'INGOMBRO in mm.

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

Tipo FC
Forma B14
Grandezze 63÷180

ASYNCHRONOUS THREE-PHASE MOTORS

OVERALL DIMENSIONS in mm.

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

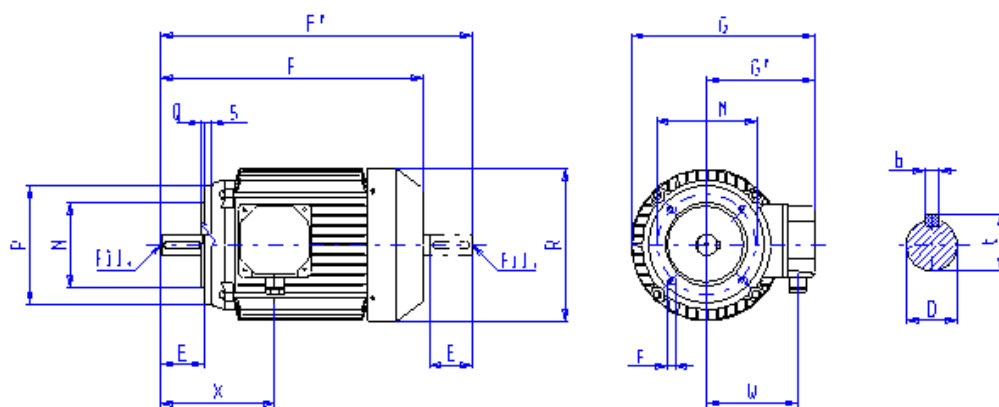
Type FC
Frame B14
Sizes 63÷180

DREHSTROM- ASYNCHRONMOTOREN

MASSE in mm.

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

Type FC
Bauform B14
Baugrösse 63÷180



TIPO	D	E	F	f	G	M	N	P	Q	R	S	N.fori flangia
NORME IEC	D	E	L	S	-	M	N	P	T	HC	LA	
FC 63-a	11 j6	23	212	M 5	158	75	60 j6	90	2.5	125	8	4
FC 63-b	11 j6	23	212	M 6	158	85	70 j6	105	2.5	125	8	4
FC 63-c	11 j6	23	212	M 6	158	100	80 j6	120	3	125	8	4
FC 71-a	14 j6	30	238	M 6	185	85	70 j6	105	2.5	148	8	4
FC 71-b	14 j6	30	238	M 6	185	100	80 j6	120	3	148	8	4
FC 71-c	14 j6	30	238	M 8	185	115	95 j6	140	3	148	10	4
FC 80-a	19 j6	40	274	M 6	210	85	70 j6	105	2.5	170	8	4
FC 80-b	19 j6	40	274	M 6	210	100	80 j6	120	3	170	8	4
FC 80-c	19 j6	40	274	M 8	210	115	95 j6	140	3	170	10	4
FC 80-d	19 j6	40	274	M 8	210	130	110j6	160	3.5	170	10	4
FC 90S-a	24 j6	50	297	M 8	230	115	95 j6	140	3	185	10	4
FC 90S-b	24 j6	50	297	M 8	230	130	110j6	160	3.5	185	10	4
FC 90L-a	24 j6	50	322	M 8	230	115	95 j6	140	3	185	10	4
FC 90L-b	24 j6	50	322	M 8	230	130	110j6	160	3.5	185	10	4
FC 100L-a	28 j6	60	361	M 8	255	130	110j6	160	3.5	210	10	4
FC 100L-b	28 j6	60	361	M10	255	165	130j6	200	3.5	210	10	4
FC 112MT-a	28 j6	60	361	M 8	255	130	110j6	160	3.5	210	10	4
FC 112MT-b	28 j6	60	361	M10	255	165	130j6	200	3.5	210	10	4
FC 132S-a	38 k6	80	470	M 8	328	130	110j6	160	3.5	260	15	4
FC 132S-b	38 k6	80	470	M10	328	165	130j6	200	3.5	260	15	4
FC 132S-c	38 k6	80	470	M12	328	215	180j6	250	4	260	15	4
FC 132M-a	38 k6	80	496	M 8	328	130	110j6	160	3.5	260	15	4
FC 132M-b	38 k6	80	496	M10	328	165	130j6	200	3.5	260	15	4
FC 132M-c	38 k6	80	496	M12	328	215	180j6	250	4	260	15	4
FC 160MT	42 k6	110	570	M12	347	215	180j6	250	4	260	18	4
FC 160M	42 k6	110	650	M12	405	215	180j6	250	4	320	18	4
FC 160L	42 k6	110	650	M12	405	215	180j6	250	4	320	18	4
FC 180M-T	48 k6	110	690	M12	405	215	180j6	250	4	320	18	4
FC 180L-T	48 k6	110	690	M12	405	215	180j6	250	4	320	18	4

TIPO	F'	G	X	W	b	t	Pressacavo	Foro filettato
NORME IEC	LC	-	-	-	F	GA		
FC 63	239	95	86	68	4	12.5	M16x1.5	M 4x0.7
FC 71	280.5	115	111	88	5	16	M20x1.5	M 5x0.8
FC 80	323.5	126	113	96	6	21.5	M20x1.5	M 6x1
FC 90S	374	142	134	115	8	27	M20x1.5	M 8x1.25
FC 90L	399	142	134	115	8	27	M20x1.5	M 8x1.25
FC 100L	430	155	160	123	8	31	M25x1.5	M 10x1.5
FC 112MT	430	155	160	123	8	31	M25x1.5	M 10x1.5
FC 132S	556	200	198	162	10	41	M25x1.5	M 12x1.75
FC 132M	600	200	198	162	10	41	M25x1.5	M 12x1.75
FC 160M-T	703	215	275	170	12	45	M32x1.5	M 16x2
FC 160M	765	245	345	195	12	45	M40x1.5	M 16x2
FC 160L	765	245	345	195	12	45	M40x1.5	M 16x2
FC 180MT	824	245	370	195	14	51.5	M40x1.5	M 16x2
FC 180LT	824	245	370	195	14	51.5	M40x1.5	M 16x2

Tipo
Quota
N.fori flangia
Pressacavo
Foro filettato

Type
Dimension
Flange holes nr.
Cable-holder
Threaded hole

Type
Mass
Anzahl der Flanschlöcher
PG-Verschraubung
Gewindebohrung

MOTORI ASINCRONI TRIFASI - CUSCINETTI

CON ROTORE A GABBIA - COSTRUZIONE CHIUSA - VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS - BEARINGS

WITH SQUIRREL CAGE ROTOR - ENCLOSED CONSTRUCTION - EXTERNAL VENTILATION

DREHSTROM-ASYNCHRONMOTOREN - LAGER

MIT KÄFIGLÄUFER - GESCHLOSSENE AUSFÜHRUNG - OBERFLÄCHENKÜHLUNG

TIPO	Poli	Cuscinetto Lato Accoppiamento	Cuscinetto Lato opposto Accoppiamento
63	2-8	6202-2Z	6202-2Z
71	2-8	6203-2Z	6203-2Z
80	2-8	6204-2Z	6204-2Z
90S	2-8	6205-2Z	6205-2Z
90L	2-8	6205-2Z	6205-2Z
100L	2-8	6206-2Z	6206-2Z
112M	2-8	6206-2Z	6206-2Z
132S	2-8	6208-2Z	6208-2Z
132M	2-8	6208-2Z	6208-2Z
160MT	2-8	6309-2Z	6308-2Z
160M	2-8	6309-2Z	6309-2Z
160L	2-8	6309-2Z	6309-2Z
180MT	2-8	6310-2Z	6309-2Z
180LT	2-8	6310-2Z	6309-2Z
200LT	2-8	6312-2Z	6311-2Z
225MT	2	6313-C3	6313-C3
225ST	4-8	6313-2Z	6313-2Z
225MT	2	6313-C3	6313-C3
225MT	4-8	6313-2Z	6313-2Z
250MT	2	6313-C3	6313-C3
250MT	4-8	6314-2Z	6314-2Z
280ST	2	6314-C3	6314-C3
280MT	2	6314-C3	6314-C3
280ST	4-8	6316-C3	6314-C3
280MT	4-8	6316-C3	6314-C3
315ST	2	6314-C3	6314-C3
315ST	4-8	6317-C3	6314-C3
315M	2	6314-C3	6314-C3
315M	4-8	NU317	6317-C3

Motore tipo
Poli
Cuscinetto lato accoppiamento
Cuscinetto lato opposto accoppiamento

Motor type
Poles
Bearing Coupling side
Bearing opposite coupling side

Motor type
Polzahl

MOTORI ASINCRONI TRIFASI

FORME COSTRUTTIVE

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS MOUNTINGS

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

DREHSTROM- ASYNCHRONMOTOREN BAUFORM

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

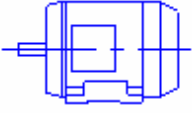
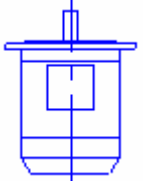
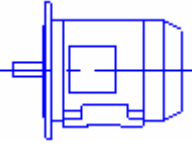
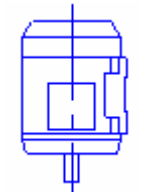
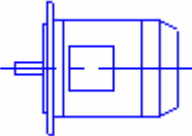
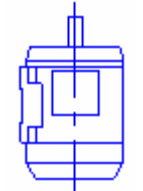
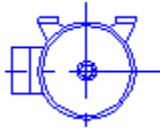
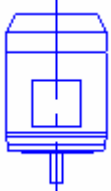

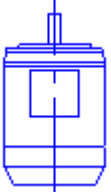

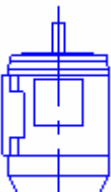
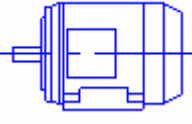
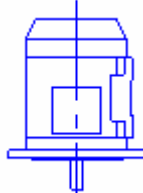
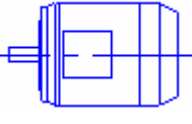
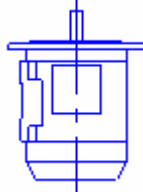
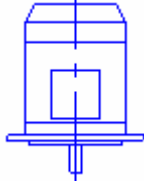
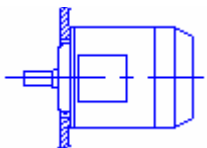
FIGURA	Norme di riferimento		FIGURA	Norme di riferimento		
	CEI 2-14	IEC 34-7		CEI 2-14	IEC 34-7	
		Code I	Code II		Code I	Code II
	B3	IM B3	IM 1001		V3	IM V3 IM 3031
	B3/B5	IM B35	IM 2001		V5	IM V5 IM 1011
	B5	IM B5	IM 3001		V6	IM V6 IM 1031
	B8	IM B8	IM 1071		V18	IM V18 IM 3611
	B6	IM B6	IM 1051		V19	IM V19 IM 3631
	B7	IM B7	IM 1061		V3/V14	IM 2131
	B3/B14	IM B34	IM 2101		V1/V5	IM V15 IM 2011
	B14	IM B14	IM 3601		V3/V6	IM V36 IM 2031
	V1	IM V1	IM 3011		B9	IM B9 IM 9101

Figura
Picture
Bild

Norme di riferimento
Reference standards
Bezugsnorm

MOTORI ASINCRONI TRIFASI

INDICE

CON ROTORE A GABBIA
COSTRUZIONE CHIUSA
VENTILAZIONE ESTERNA

ASYNCHRONOUS THREE-PHASE MOTORS

CONTENTS

WITH SQUIRREL CAGE ROTOR
ENCLOSED CONSTRUCTION
EXTERNAL VENTILATION

DREHSTROM- ASYNCHRONMOTOREN

INDEX

MIT KÄFIGLÄUFER
GESCHLOSSENE AUSFÜHRUNG
OBERFLÄCHENKÜHLUNG

• CARATTERISTICHE TECNICHE - TECHNICAL FEATURES - TECHNISCHE DATEN

MOTORI A UNA POLARITA' - SINGLE POLARITY MOTORS - EINZIGE POLZAHL	pag. / page / Seite
2 poli - poles - polig 3000 giri - rpm - U/min 50 Hz	1.2
4 poli - poles - polig 1500 giri - rpm - U/min 50 Hz	1.3
6 poli - poles - polig 1000 giri - rpm - U/min 50 Hz	1.4
8 poli - poles - polig 750 giri - rpm - U/min 50 Hz	1.5

MOTORI A DOPPIA POLARITA' - DOUBLE POLARITY MOTORS - POLUMSCHALTBAR	
2-4 poli - poles - polig 3000-1500 giri - rpm - U/min 50 Hz	1.6
4-8 poli - poles - polig 1500-750 giri - rpm - U/min 50 Hz	1.7
4-6 poli - poles - polig 1500-1000 giri - rpm - U/min 50 Hz	1.8
6-8 poli - poles - polig 1000-750 giri - rpm - U/min 50 Hz	1.9
2-8 poli - poles - polig 3000-750 giri - rpm - U/min 50 Hz	1.10

MOTORI A DOPPIA POLARITA' PER VENTILATORI - DOUBLE POLARITY MOTORS FOR FANS - POLUMSCHALTBAR FÜR VENTILATOREN	
2-4 poli - poles - polig 3000-1500 giri - rpm - U/min 50 Hz	1.11
4-8 poli - poles - polig 1500-750 giri - rpm - U/min 50 Hz	1.12
4-6 poli - poles - polig 1500-1000 giri - rpm - U/min 50 Hz	1.13
6-8 poli - poles - polig 1000-750 giri - rpm - U/min 50 Hz	1.14

• PARTI DI RICAMBIO - SPARE PARTS - ERSATZTEILE

Forma - Mounting - Bauform B3	
Grandezze - Sizes - Baugröße 63-200	1.15

• DIMENSIONI DI INGOMBRO - OVERALL DIMENSIONS - MASSE

Forma - Mounting - Bauform B3	
Grandezze - Sizes - Baugröße 63-200	1.16
Grandezze - Sizes - Baugröße 225-315	1.17

• PARTI DI RICAMBIO - SPARE PARTS - ERSATZTEILE

Forma - Mounting - Bauform B5	
Grandezze - Sizes - Baugröße 63-400	1.19

• DIMENSIONI DI INGOMBRO - OVERALL DIMENSIONS - MASSE

Forma - Mounting - Bauform B5	
Grandezze - Sizes - Baugröße 63-200	1.20
Grandezze - Sizes - Baugröße 225-315	1.21

• PARTI DI RICAMBIO - SPARE PARTS - ERSATZTEILE

Forma - Mounting - Bauform B3-B5	
Grandezze - Sizes - Baugröße 63-400	1.23

• DIMENSIONI DI INGOMBRO - OVERALL DIMENSIONS - MASSE

Forma - Mounting - Bauform B3-B5	
Grandezze - Sizes - Baugröße 63-200	1.24
Grandezze - Sizes - Baugröße 225-315	1.25

Forma - Mounting - Bauform B14	
Grandezze - Sizes - Baugröße 63-180	1.27

• CUSCINETTI - BEARINGS - LAGER

1.28

• FORME COSTRUTTIVE - MOUNTINGS - BAUFORM

1.30

• MACCHINE ELETTRICHE ROTANTI - ELECTRIC ROTARY MACHINES ROTIERENDE ELEKTRISCHE DREHMASCHINEN

1.32

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MOTORI ASINCRONI

GRADI DI PROTEZIONE (IP)

Il grado di protezione meccanica è stabilito in accordo alla IEC 60034-5 ed è indicato dalla dicitura IP seguita da due cifre caratteristiche

INDUCTION MOTORS

DEGREES OF PROTECTION

Degrees of protection for mechanical machines are designated in accordance with IEC 60034-5 by the letters IP and two characteristic numerals

DREHSTROM-ASYNCHRONMOTOREN

SCHUTZARTEN

Schutzarten für elektrische Maschinen werden nach IEC 60034-5 durch die Kennbuchstaben IP und zwei Kennziffern für den Schutzgrad angegeben

1a cifra: Protezione contro il contatto e l'ingresso di corpi solidi		2a cifra: Protezione contro l'ingresso di liquidi	
First numeral: Protection against contact and ingress of foreign bodies		Second numeral: Protection against ingress of water	
Erste Kennziffer: Schutzgrade für den Berührungs- und Fremdkörperschutz		Zweite Kennziffer: Schutzgrade für den Wasserschutz	
IP	Definizione Description Erklärung	IP	Definizione Description Erklärung
0	Nessuna protezione speciale No special protection Kein besonderer Schutz	0	Nessuna protezione speciale No special protection Kein besonderer Schutz
1	Protezione contro i corpi solidi superiori a 50 mm. (es: contatti involontari della mano) Protection against solid foreign bodies larger than 50 mm. (ex: inadvertent contact with the hand) Schutz gegen feste Fremdkörper größer als 50 mm. (Beispiel: Zufälliges Berühren mit der Hand)	1	Protezione contro la caduta verticale di gocce d'acqua (condensa) Protection against vertically falling water drops (condensation) Schutz gegen senkrecht fallendes Tropfwasser (Kondensation)
2	Protezione contro i corpi solidi superiori a 12 mm. (es: contatti involontari delle dita della mano) Protection against solid foreign bodies larger than 12 mm. (ex: inadvertent contact with the fingers) Schutz gegen feste Fremdkörper größer als 12 mm. (Beispiel: Berühren mit den Fingern)	2	Protezione contro la caduta delle gocce d'acqua con un'inclinazione fino a 15° Protection against dropping water when inclined by up to 15° Schutz gegen Tropfwasser bei Schrägstellung bis zu 15°
3	Protezione contro i corpi solidi superiori a 2,5 mm. (es: fili utensili) Protection against solid foreign bodies larger than 2,5 mm. (ex: tools, wires) Schutz gegen feste Fremdkörper größer als 2,5 mm. (Beispiele: Drähte, Werkzeuge)	3	Protezione contro gli spruzzi d'acqua con inclinazione fino a 60° Protection against waterspray at up to 60° from vertical Schutz gegen Sprühwasser bis zu 60° von der Senkrechten
4	Protezione contro i corpi solidi superiori a 1 mm. Protection against solid foreign bodies larger than 1 mm. (eg: bands, wires) Schutz gegen feste Fremdkörper größer als 1 mm. (Beispiele: Drähte, Bänder)	4	Protezione contro i getti d'acqua provenienti da tutte le direzioni Protection against water splashed from any direction Schutz gegen Spritzwasser aus allen Richtungen
5	Protezione contro la polvere (non deve penetrare in quantità dannosa) Protection against dust (harmful deposits of dust) Schutz gegen Staub (schädliche Staubablagerungen)	5	Protezione contro l'acqua proiettata con un ugello sul motore da tutte le direzioni Protection against water projected by a nozzle from any direction Schutz gegen Strahlwasser aus einer Düse und aus allen Richtungen
6	Protezione completa contro la polvere Complete protection against dust. Is not described for electrical machines to IEC 34-5 Vollständiger Schutz gegen Staub. (Wird für elektrische Maschinen nach IEC 34-5 nicht beschrieben)	6	Protezione contro getti d'acqua potenti da tutte le direzioni (non deve penetrare in quantità dannosa) Protection against heavy seas or water projected in powerful jets Schutz gegen schwere See oder Wasser in starkem Strahl
		7	Protezione contro gli effetti dell'immersione tra 0,15 e 1 m Protection when submerged between 0,15 and 1 m Schutz bei Eintauchen zwischen 0,15 und 1 m
		8	Protezione contro gli effetti prolungati dell'immersione in acqua alle condizioni concordate tra il produttore e l'utilizzatore Protection when continuously submerged in water at conditions agreed between the manufacturer and the user Schutz bei dauerndem Untertauchen in Wasser zu Bedingungen, die zwischen Hersteller und Anwender vereinbart sind



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CERTIFICATE N. 9101.ADDA

SI CERTIFICA CHE IL SISTEMA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY SYSTEM OPERATED BY

ELECTRO ADDA SPA
COSTRUZIONI ELETTROMECCANICHE

VIA NAZIONALE 8 - 23883 BEVERATE (LC)

UNITA' OPERATIVE
OPERATIVE UNITS

VIA NAZIONALE 8 - 23883 BEVERATE (LC)

VIA S. ANNA 640 - 41100 MODENA (MO)

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

ISO 9001:2000

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

Progettazione, produzione ed assistenza di macchine elettriche rotanti di bassa tensione per il settore industriale, navale e civile, in particolare: motori asincroni trifasi con rotore a gabbia, autofrenanti con rotore a gabbia, monofasi con rotore a gabbia, antidifiammanti con rotore a gabbia certificati ATEX, a rotore avvolto, convertitori di frequenza, motori ad alta frequenza, motori per seghe circolari, motori per inverter
Design, manufacturing and service of low voltage electric rotary machines for industrial, naval and civil field, in particular: asynchronous three-phase motors with squirrel cage rotor, brake motors with squirrel cage rotor, single-phase motors with squirrel cage rotor, explosion-proof motors with squirrel cage rotor with ATEX certificate, slip-ring motors, frequency converters, high frequency motors, motors for circular saws, motors for inverter duty

Riferirsi al manuale della qualità per l'applicabilità dei requisiti della norma ISO 9001:2000
Refer to quality manual for details of applications to ISO 9001:2000 requirements

IL PRESENTE CERTIFICATO E' SOGGETTO AL RISPETTO DEL REGOLAMENTO
PER LA CERTIFICAZIONE DEI SISTEMI QUALITA' E DI GESTIONE DELLE AZIENDE
THE USE AND THE VALIDITY OF THE CERTIFICATE SHALL SATISFY THE REQUIREMENTS
OF THE RULES FOR THE CERTIFICATION OF COMPANY QUALITY AND MANAGEMENT SYSTEMS

PRIMA EMISSIONE FIRST ISSUE	EMISSIONE CORRENTE CURRENT ISSUE	DATA SCADENZA EXPIRY DATE
1997-08-04	2007-02-27	2009-11-28

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EA: 19

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within three years according to IMQ rules



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CERTIFICATE

IQNet and its partner

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ELECTRO ADDA SPA
COSTRUZIONI ELETTROMECCANICHE

VIA NAZIONALE 8 - 23883 BEVERATE (LC) Italy

VIA S. ANNA 640 - 41100 MODENA (MO) Italy

for the following field of activities

Design, manufacturing and service of low voltage electric rotary machines for industrial, naval and civil field, in particular: asynchronous three-phase motors with squirrel cage rotor, brake motors with squirrel cage rotor, single-phase motors with squirrel cage rotor, explosion-proof motors with squirrel cage rotor with ATEX certificate, slip-ring motors, frequency converters, high frequency motors, motors for circular saws, motors for inverter duty

Refer to quality manual for details of applications to ISO 9001:2000 requirements

has implemented and maintains a

Quality Management System

which fulfills the requirements of the following standard

ISO 9001:2000

Issued on: 2007-02-27

Registration Number:

IT - 34914



René Wasmer
President of IQNET



Gianrenzo Prati
President of CISQ

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UL File Number: 181004 / 2247534
Report Number: 2247534, November 22nd, 2022
Issue Date: 2024-02-22 10:18



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This is to certify that
representative samples of
Motor Constructions for Three Phase Squirrel Cage
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]

Have been investigated by Underwriters Laboratories Inc. in
accordance with the Standards indicated on this Certificate.

Investigated for Safety: **UL 1084 - Electric Motors**
CSA C22.2 No. 100.95 - Motors and Generators

Additional Information: **Not Applicable**

This certificate is issued to the manufacturer of the product(s) described herein, and is not intended to be used for any other purpose. It is not intended to be used as a basis for liability. The certificate is issued on the condition that the manufacturer will indemnify and hold Underwriters Laboratories Inc. harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Underwriters Laboratories Inc. in connection with this certificate. The certificate is issued on the condition that the manufacturer will indemnify and hold Underwriters Laboratories Inc. harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Underwriters Laboratories Inc. in connection with this certificate. The certificate is issued on the condition that the manufacturer will indemnify and hold Underwriters Laboratories Inc. harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Underwriters Laboratories Inc. in connection with this certificate.

Look for the UL Recognized Component Mark on the product!

Issued by: **Mario Bonatti / S.C.**
Manufacturing - Electrical Product Engineer
UL International (Italy) S.p.A.
Via Salaria 1111, 00198 Roma, Italy
www.ul.com/italy

Investigated by: **Giulio Bonatti / S.C.**
Safety Engineer - TPA (S.p.A.)
UL International (Italy) S.p.A.
Via Salaria 1111, 00198 Roma, Italy
www.ul.com/italy

Certificate of Compliance

UL File Number: 181004 / 2247534
Report Number: 2247534, November 22nd, 2022
Issue Date: 2024-02-22 10:18



Issued to: **Electro Adda S.p.A.**
Via Nazionale 5
I-23083 Brescia (C) Italy

This is to certify that
representative samples of
MOTORS
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]
[UL File Number: 181004 / 2247534 / 2247534, Report Number: 2247534, November 22nd, 2022, Issue Date: 2024-02-22 10:18]

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accordance with the Standards indicated on this Certificate.

Investigated for Safety: **UL 1084 - Electric Motors**
CSA C22.2 No. 100.95 - Motors and Generators

Additional Information: **See Addendum for Electrical Safety**

This certificate is issued to the manufacturer of the product(s) described herein, and is not intended to be used for any other purpose. It is not intended to be used as a basis for liability. The certificate is issued on the condition that the manufacturer will indemnify and hold Underwriters Laboratories Inc. harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Underwriters Laboratories Inc. in connection with this certificate. The certificate is issued on the condition that the manufacturer will indemnify and hold Underwriters Laboratories Inc. harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Underwriters Laboratories Inc. in connection with this certificate. The certificate is issued on the condition that the manufacturer will indemnify and hold Underwriters Laboratories Inc. harmless from and against all claims, damages, losses and expenses, including reasonable attorneys' fees, that may be asserted against or incurred by Underwriters Laboratories Inc. in connection with this certificate.

Look for the UL Recognized Component Mark on the product!

Issued by: **Giulio Bonatti / S.C.**
Manufacturing - Electrical Product Engineer
UL International (Italy) S.p.A.
Via Salaria 1111, 00198 Roma, Italy
www.ul.com/italy

Investigated by: **Giulio Bonatti / S.C.**
Safety Engineer - TPA (S.p.A.)
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Certificate of Compliance

Certificate: 1045308 **Master Contract:** 201661
Project: 1848621 **Date Issued:** October 31, 2006
Issued to: Electro Adda S.p.A.
 Via Nazionale, 8
 Beverate - Brivio, Como 23883
 ITALY
 Attention: Mr Pietro Riva

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: G. Foulem

Authorized by: M.H.J. Hoendervangers




PRODUCTS

4211-01 - MOTORS AND GENERATORS
 4211-81 - MOTORS AND GENERATORS - Certified for US Standard

Three phase squirrel cage induction motor, permanently connected, component type, class F, 40°C ambient, TEFC, Frame IEC 56-400, max 600Vac, rated out Power 0.09 to 500 kW, 60Hz, 2 to 8 poles, continuous duty. Series RM (regular motors).

Three phase squirrel cage induction motor, permanently connected, component type, class F, 40°C ambient, TEFC, Frame IEC 80-315, max 600Vac, rated out Power 0.75 to 160 kW, 60Hz, 4 poles, continuous duty. Series HEM (High efficiency motors)

Certified as a component motor for use in other equipment where suitability of the combination is to determined by CSA International.

APPLICABLE REQUIREMENTS

CSA Standard C22.2 No. 0-M91	- General Requirements – Canadian Electrical Code, Part II
CSA Standard C22.2 No. 100-04	- Motors and generators
UL standard 1004	- Electric Motors

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.

Supplement to Certificate of Compliance

Certificate: 1045308 **Master Contract:** 201661

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
1848621	October 31, 2006	Update to report 1045308 to cover the introduction of new components in the Insulation System and the uprate of the Power Supply voltage for motors HEM and RM series.
1045308	November 22, 1999	C/CSA/US on 3 ph squirrel cage induction motors, Series HEM and RM.



DICHIARAZIONE DI CONFORMITA'

IL Produttore :

Electro Adda S.p.A
Costruzioni Elettromeccaniche
Via Nazionale 8 23883 Beverate di Brivio

dichiara che i motori asincroni monofasi e trifasi altezze d'asse 56 + 500
sono realizzati in conformità alle seguenti normative internazionali :

IEC 34 (CEI EN 60034)

ed alle seguenti Direttive Europee :

- **Direttiva Bassa Tensione (LVD) 2006/95/CE**
- **Direttiva Compatibilità Elettromagnetica (EMC) 2004/108/CE**
- **Direttiva sulla limitazione dell'impiego di alcune sostanze pericolose nelle apparecchiature elettriche ed elettroniche (RoHS) 2002/95/CE**

I motori in oggetto sono inoltre conformi alla Direttiva "Macchine" 2006/42/CE, assumendo per questa che il componente motore non può essere messo in servizio prima che la macchina, in cui sarà incorporato, sia stata dichiarata conforme alle disposizioni della Direttiva. Nell'impiego del motore è necessario garantire il rispetto della norma EN 60204-1 e delle istruzioni di sicurezza e di installazione riportate nel manuale d'uso del produttore.

Beverate di Brivio
25/04/2007

Electro Adda S.p.A.
Il C. Delegato
Lecco - Brivio



COMPLIANCE DECLARATION

The Manufacturer :

Electro Adda S.p.A
Costruzioni Elettromeccaniche
Via Nazionale 8 23883 Beverate di Brivio - Italy

Hereby declares that the asynchronous single-phase and three-phase motors sizes 56 + 500
are carried out in compliance with the following international standards :

IEC 34 (CEI EN 60034)

and to the following European Directives :

- **Low Voltage Directive (LVD) 2006/95/CE**
- **Electromagnetic Compatibility Directive (EMC) 2004/108/EC**
- **Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) 2002/95/EC**

The captioned motors are also in compliance with the "Machinery Directive" 2006/42/EC, assuming for this, that the motor component may not be put into service before the machine in which it will be assembled, has been declared to be in compliance with the Directive provisions. When operating the motor, it is necessary to assure that the Standard EN 60204-1 and the installation and safety instructions of the manufacturer's operating handbook are observed.

Beverate di Brivio
25/04/2007

Electro Adda S.p.A.
Il C. Delegato
Lecco - Brivio



KONFORMITÄTSERLÄRUNG

Der Hersteller :

Electro Adda S.p.A
Costruzioni Elettromeccaniche
Via Nazionale 8 23883 Beverate di Brivio - Italien

erklärt dass die Einphasen- und Drehstromasynchronmotoren Achsenhöhe 56 + 500

nach den folgenden internationalen Normen :

IEC 34 (CEI EN 60034)

und den folgenden Europäischen Richtlinien :

- **Niederspannungsrichtlinie (LVD) 2006/95/CE**
- **Richtlinie Elektromagnetische Verträglichkeit (EMV) 2004/108/EG**
- **Richtlinie zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in elektrischen und elektronischen Geräten (RoHS) 2002/95/EG** verwickelt sind.

Außerdem entsprechen die oben angegebenen Motoren der "Maschinenrichtlinie" 2006/42/EG, wobei wir annehmen dass die Inbetriebnahme vom Bestandteil Motor solange untersagt ist, bis erklärt wird dass die Maschine in die dieser Bestandteil eingebaut wird, den Vorgaben der Maschinenrichtlinie entspricht. Beim Gebrauch vom Motor ist es erforderlich zu gewährleisten dass die Norm EN 60204-1 und die Sicherheits- und Aufstellungsanweisungen beachtet werden, welche in den Betriebsanweisungen vom Hersteller beschrieben sind.

Beverate di Brivio
25/04/2007

Electro Adda S.p.A.
Il C. Delegato
Lecco - Brivio

ELECTRO ADDA S.P.A.

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MACCHINE ELETTRICHE ROTANTI	ELECTRIC ROTARY MACHINES	ROTIERENDE ELEKTRISCHE DREHMASCHINEN
1A Motori asincroni trifasi con rotore a gabbia Costruzione chiusa - Ventilazione esterna Grandezze 63÷315 - Potenze 0.06-200 kW	1A Asynchronous three-phase motors with squirrel cage rotor - Enclosed construction - Externally ventilated Sizes 63 to 315 - Power 0.06 to 200 kW	1A Drehstrom-Asynchronmotoren mit Käfigläufer Geschlossene Ausführung - Oberflächenkühlung Baugröße 63 bis 315 - Leistung 0.06 bis 200 kW
1B Motori asincroni trifasi con rotore a gabbia Costruzione chiusa - Ventilazione esterna Grandezze 355÷500 - Potenze 160-1200 kW	1B Asynchronous three-phase motors with squirrel cage rotor - Enclosed construction - Externally ventilated Sizes 355 to 500 - Power 160 to 1200 kW	1A Drehstrom-Asynchronmotoren mit Käfigläufer Geschlossene Ausführung - Oberflächenkühlung Baugröße 355 bis 500 - Leistung 160 bis 1200 kW
2 CA Motori asincroni trifasi autofrenanti Costruzione chiusa - Ventilazione esterna Con freno elettromagnetico in corrente alternata Grandezze 71÷280 - Potenze 0.18-75 kW	2 CA Asynchronous three-phase brake motors Enclosed construction - Externally ventilated With alternate current electromagnetic brake Sizes 71 to 280 - Power 0.18 to 75 kW	2 CA Drehstrom-Asynchronmotoren mit angebaute Bremse - Geschlossene Ausführung Oberflächenkühlung - Mit elektromagnetischer Drehstrom - Federdruck - Scheibenbremse Baugröße 71 bis 280 - Leistung 0.18 bis 75 kW
2 CC Motori asincroni trifasi autofrenanti Costruzione chiusa - Ventilazione esterna Con freno elettromagnetico in corrente continua Grandezze 63÷180 - Potenze 0.18-25 kW	2 CC Asynchronous three-phase brake motors Enclosed construction - Externally ventilated With direct current electromagnetic brake Sizes 63 to 180 - Power 0.18 to 25 kW	2 CC Drehstrom-Asynchronmotoren mit angebaute Bremse - Geschlossene Ausführung - Oberflächenkühlung - Mit elektromagnetischer Gleichstrom - Einfläch - Scheibenbremse Baugröße 63 bis 180 - Leistung 0.18 bis 25 kW
2 CCH Motori asincroni trifasi autofrenanti Costruzione chiusa - Ventilazione esterna Con freno elettromagnetico in corrente continua ad alta coppia Grandezze 63÷112 - Potenze 0.18-5.5 kW	2 CCH Asynchronous three-phase brake motors Enclosed construction - Externally ventilated With direct current electromagnetic brake with high torque Sizes 63 to 112 - Power 0.18 to 5.5 kW	2 CCH Drehstrom-Asynchronmotoren mit angebaute Bremse Geschlossene Ausführung - Oberflächenkühlung - Mit elektromagnetischer Gleichstrom - Einfläch - Scheibenbremse mit höherem Bremsmoment Baugröße 63 bis 112 - Leistung 0.18 bis 5.5 kW
2 CCL Motori asincroni trifasi autofrenanti Costruzione chiusa - Ventilazione esterna Con freno elettromagnetico in corrente continua ad alta coppia e bassa rumorosità Grandezze 63÷280 - Potenze 0.18-75 kW	2 CCL Asynchronous three-phase brake motors Enclosed construction - Externally ventilated With direct current electromagnetic brake with high torque and low noise execution Sizes 63 to 280 - Power 0.18 to 75kW	2 CCL Drehstrom-Asynchronmotoren mit angebaute Bremse Geschlossene Ausführung - Oberflächenkühlung - Mit elektromagnetischer Gleichstrom - Einfläch - Scheibenbremse mit höherem Bremsmoment und geräuscharmer Ausführung Baugröße 63 bis 280 - Leistung 0.18 bis 75 kW
3 Motori asincroni monofasi con rotore a gabbia Costruzione chiusa - Ventilazione esterna Grandezze 56÷112 - Potenze 0.06-4 kW	3 Asynchronous single-phase motors with squirrel cage rotor Enclosed construction - Externally ventilated Sizes 56 to 112 - Power 0.06 to 4 kW	3 Einphasen-Wechselstrommotoren mit Käfigläufer Geschlossene Ausführung - Oberflächenkühlung Baugröße 56 bis 112 - Leistung 0.06 bis 4 kW
4IIB Motori asincroni trifasi con rotore a gabbia antideflagranti - Serie PE-Ex d Costruzione chiusa - Ventilazione esterna Grandezze 71÷180 - Potenze 0.37-37 kW	4IIB Explosion-proof asynchronous three-phase motors with squirrel cage rotor—Series PE-Ex d Enclosed construction - Externally ventilated Sizes 71 to 180 - Power 0.37 to 37 kW	4IIB Drehstrom-Asynchronmotoren mit Käfigläufer Explosiongeschützt, druckfeste Kapselung Typenreihe PE-Ex d Geschlossene Ausführung - Oberflächenkühlung Baugröße 71 bis 180 - Leistung 0.37 bis 37 kW
4IIC Motori asincroni trifasi con rotore a gabbia antideflagranti - Serie PE-Ex d Ex de Costruzione chiusa - Ventilazione esterna Grandezze 63÷315 - Potenze 0.09-132 kW	4IIC Explosion-proof asynchronous three-phase motors with squirrel cage rotor - Series PE-Ex d Ex de - Enclosed construction Externally ventilated Sizes 63 to 315 - Power 0.09 to 132 kW	4IIC Drehstrom-Asynchronmotoren mit Käfigläufer Explosiongeschützt, druckfeste Kapselung Typenreihe PE-Ex d Ex de Geschlossene Ausführung - Oberflächenkühlung Baugröße 63 bis 315 - Leistung 0.09 bis 132 kW
5 Motori asincroni trifasi con rotore avvolto Costruzione chiusa - Ventilazione esterna Grandezze 100÷560 - Potenze 0.75-560 kW	5 Asynchronous three-phase motors with wound rotor Enclosed construction - Externally ventilated Sizes 100 to 560 - Power 0.75 to 560 kW	5 Drehstrom-Asynchronmotoren mit Schleifringläufer Geschlossene Ausführung - Oberflächenkühlung Baugröße 100 bis 560 - Leistung 0.75 bis 560 kW
6 Motori asincroni trifasi con rotore a gabbia Serie MR azionati da inverter per vie a rulli Grandezze 132÷400 - Potenze 0.83-230 kW	6 Asynchronous three-phase motors with squirrel cage rotor - Series MR supplied by inverter for roller table Sizes 132 to 400 - Power 0.83 to 230 kW	6 Drehstrom-Asynchronmotoren mit Käfigläufer Typenreihe MR - Rollgangmotoren - für Umrichterbetrieb Baugröße 132 bis 400 - Leistung 0.83 bis 230 kW
7 Motori asincroni trifasi - Serie Q Grandezze 280÷560 - Potenze 160-2000 kW	7 Asynchronous three-phase motors - Series Q Sizes 280 to 560 - Power 160 to 2000 kW	7 Drehstrom-Asynchronmotoren - Typenreihe Q Baugröße 280 bis 560 - Leistung 160 bis 2000 kW
8 Motori ad alta efficienza	8 High Efficiency Motors	8 Motoren Mit Höherem Wirkungsgrad
9 Motori asincroni trifasi - Serie MAR Grandezze 63÷355 - Potenze 0.13-365 kW	9 Asynchronous three-phase motors - Series MAR Sizes 63 to 355 - Power 0.13 to 365 kW	9 Drehstrom-Asynchronmotoren - Typenreihe MAR Baugröße 63 bis 355 - Leistung 0.13 bis 365 kW