

## Dati tecnici

### Classe di efficienza IE1

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)

Isolamento Classe F - Sovratemperatura Classe F

Servizio S1 - 400 V - 50 Hz

2 poli - 3.000 giri/min

## Technical data

### IE1 Efficiency class

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)

Insulation Class F - Temperature rise Class F

S1 Duty - 400 V - 50 Hz

2 poles - 3.000 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rend. Eff.	Fattore di potenza Power factor	Corrente Current In (400 V)	Coppia nom. Nominal torque	Coppia di spunto Starting torque	Corrente di spunto Starting current	Coppia massima Max torque	Rumor. Noise	Forma B3 Mount B3 Peso Weight
	kW	giri/min rpm	kgm <sup>2</sup>	%	cosφ	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
<b>Serie CA (carcassa in alluminio) - CA Series (aluminium frame)</b>												
CA 63-a	0.18	2680	0.0002	64	0.75	0.54	0.641	2.4	3.5	2.5	57	3.3
CA 63-b	0.25	2700	0.0002	64	0.75	0.75	0.884	2.4	3.5	2.5	57	3.8
CA 71-a	0.37	2800	0.0004	71	0.8	0.94	1.262	2.2	4	2.3	59	6
CA 71-b	0.55	2810	0.0005	71	0.8	1.4	1.869	2.5	4.6	2.6	59	7
C1A 80-a	0.75	2820	0.0012	76	0.81	1.8	2.54	2.3	4.5	2.4	63	8.6
C1A 80-b	1.1	2820	0.0017	76.2	0.81	2.6	3.72	2.3	4.8	2.4	63	10.2
C1A 90S	1.5	2840	0.0012	78.5	0.8	3.4	5.04	2.4	4.9	2.5	68	11.5
C1A 90L	2.2	2840	0.0019	81	0.78	5	7.4	2.4	4.9	2.5	68	13.5
C1A 100L	3	2850	0.0032	82.6	0.81	6.4	10.1	2.6	6.5	2.8	72	20.5
C1A 112MT-a	4	2860	0.0042	84.2	0.8	8.6	13.4	2.6	6.5	2.8	72	23
C1A 112MT-b	5.5	2880	0.0055	83.5	0.84	11.3	18.2	2.5	7	2.8	72	28.2
C1A 132S-a	5.5	2900	0.009	85.7	0.85	10.9	18.1	2.5	7	2.8	74	38.4
C1A 132S-b	7.5	2900	0.0113	87	0.85	14.7	24.7	2.5	7	2.8	74	42
C1A 132M	9	2910	0.015	86	0.86	17.6	29.5	2.4	7	2.7	74	47.5
C1A 160MT-a	11	2910	0.017	88.4	0.84	21	36.1	2.5	6.5	2.7	74	58
C1A 160MT-b	15	2930	0.023	89.4	0.85	29	48.9	2.6	6.7	2.8	75	68
C1A 160L	18.5	2940	0.043	90	0.85	35	60.1	2.5	6.9	2.8	75	90
C1A 180MT	22	2950	0.051	90.5	0.85	42	71.2	2.5	7	2.9	75	110
C1A 180LT	25	2950	0.059	89.5	0.86	47	80.9	2.5	7	2.9	75	116
C1A 200LT-a	30	2950	0.089	91.4	0.86	55	97	2.5	7.3	3	83	142
C1A 200LT-b	37	2960	0.111	92	0.86	68	119	2.5	7.3	3	83	162
C1A 225MT	45	2960	0.18	92.5	0.86	82	145	2.5	7.5	3	83	210
C1A 250MT	55	2970	0.283	93	0.87	98	177	2.5	7.6	3	83	280
C1A 280ST	75	2970	0.493	93.6	0.87	132	241	2.5	7.2	2.9	84	372
C1A 280MT	90	2970	0.587	93.9	0.88	158	289	2.7	7.5	3	87	407
C1A 315ST	110	2975	0.751	93.5	0.89	191	353	2.6	7.5	2.8	87	496
C1A 315M	132	2980	1.27	93.5	0.89	229	423	2.5	7.4	2.7	90	620
C1A 315M	160	2980	1.52	93.5	0.89	278	513	2.5	7.4	2.7	90	668
C1A 315M	200	2980	1.83	94	0.9	342	641	2.5	7.4	2.7	90	760
C1A 355LT	250	2980	2.29	94	0.9	427	801	2.2	7.5	2.4	90	895

I valori di rendimento sono calcolati in accordo con IEC 60034-2-1.

Efficiency values are given according to IEC 60034-2-1.

## Dati tecnici

### Classe di efficienza IE1

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)

Isolamento Classe F - Sovratemperatura Classe F

Servizio S1 - 400 V - 50 Hz

4 poli - 1.500 giri/min

## Technical data

### IE1 Efficiency class

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)

Insulation Class F - Temperature rise Class F

S1 Duty - 400 V - 50 Hz

4 poles - 1.500 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rend. Eff.	Fattore di potenza Power factor	Corrente Current In (400 V)	Coppia nom. Nominal torque	Coppia di spunto Starting torque	Corrente di spunto Starting current	Coppia massima Max torque	Rumor. Noise	Forma B3 Mount B3 Peso Weight
	kW	giri/min rpm	kgm <sup>2</sup>	%	cosφ	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
<b>Serie CA (carcassa in alluminio) - CA Series (aluminium frame)</b>												
CA 63-a	0.13	1340	0.0002	60	0.6	0.5	0.93	2.3	3	2.3	49	3.8
CA 63-b	0.18	1340	0.0003	61	0.6	0.7	1.28	2.3	3	2.3	49	4.1
CA 71-a	0.25	1350	0.0004	68	0.65	0.8	1.77	2	3.5	2	51	5.7
CA 71-b	0.37	1350	0.0005	69	0.67	1.2	2.62	2	3.5	2	51	7
CA 80-a	0.55	1360	0.0012	72	0.7	1.6	3.86	2.3	4.3	2.3	54	8.6
C1A 80-b	0.75	1360	0.0017	73	0.73	2	5.27	2.3	4.3	2.3	54	10
C1A 90S	1.1	1380	0.0022	76.2	0.78	2.7	7.61	2.3	4.5	2.5	56	11.9
C1A 90L	1.5	1380	0.0028	78.5	0.77	3.6	10.38	2.3	4.5	2.5	56	14.2
C1A 100L-a	2.2	1410	0.005	81	0.79	5	14.9	2	4.5	2.2	60	18.7
C1A 100L-b	3	1410	0.006	82.6	0.8	6.6	20.32	2	4.5	2.2	60	21.2
C1A 112MT	4	1420	0.009	84.2	0.81	8.5	26.9	2.4	5	2.5	60	25.7
C1A 132S	5.5	1430	0.021	85.7	0.8	11.6	36.7	2.1	6	2.5	63	43
C1A 132M-a	7.5	1430	0.028	87	0.81	15.4	50.1	2.1	6	2.5	63	50.3
C1A 132M-b	9	1430	0.034	87	0.81	18.5	60.1	2.1	6	2.5	63	55.8
C1A 160MT	11	1465	0.039	88.4	0.83	21.7	71.7	2.6	5.9	2.5	63	69.5
C1A 160L	15	1465	0.08	89.4	0.82	29.6	97.8	2.6	6	2.5	67	89
C1A 180MT	18.5	1470	0.098	90	0.83	35.8	120	2.5	6.5	2.5	67	110
C1A 180LT	22	1470	0.12	90.5	0.83	42.3	143	2.5	6.5	2.5	67	119
C1A 200LT	30	1470	0.16	91.4	0.85	56	195	2.4	6.5	2.5	70	155
C1A 225ST	37	1480	0.31	92	0.84	69	239	2.6	7.1	2.5	70	202
C1A 225MT-a	45	1480	0.39	92.5	0.84	84	290	2.6	7.1	2.5	70	235
C1A 250MT-b	55	1480	0.51	93	0.85	101	355	2.5	7.3	2.5	70	286
C1A 280ST	75	1485	1.15	93.6	0.86	135	482	2.5	7.3	2.5	73	387
C1A 280MT	90	1485	1.31	93.9	0.86	161	579	2.6	6.7	2.5	73	415
C1A 315ST	110	1485	1.55	94	0.88	192	707	2.6	6.7	2.5	75	496
C1A 315M-a	132	1485	2.6	94	0.88	231	849	2.2	6.2	2.5	77	630
C1A 315M-b	160	1485	3.5	94	0.88	280	1029	2.5	6.6	2.5	77	740
C1A 315M-c	200	1485	4.16	94.2	0.89	345	1286	2.6	6.8	2.5	77	882
C1A 355LT	250	1487	5	94.4	0.89	430	1605	2.7	7	2.5	77	1045

I valori di rendimento sono calcolati in accordo con IEC 60034-2-1.

Efficiency values are given according to IEC 60034-2-1.

## Dati tecnici

### Classe di efficienza IE1

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)

Isolamento Classe F - Sovratemperatura Classe F

Servizio S1 - 400 V - 50 Hz

6 poli - 1.000 giri/min

## Technical data

### IE1 Efficiency class

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)

Insulation Class F - Temperature rise Class F

S1 Duty - 400 V - 50 Hz

6 poles - 1.000 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rend. Eff.	Fattore di potenza Power factor	Corrente Current In (400 V)	Coppia nom. Nominal torque	Coppia di spunto Starting torque	Corrente di spunto Starting current	Coppia massima Max torque	Rumor. Noise	Forma B3 Mount B3 Peso Weight
	kW	giri/min rpm	kgm <sup>2</sup>	%	cosφ	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
<b>Serie CA (carcassa in alluminio) - CA Series (aluminium frame)</b>												
CA 63-a	0.09	880	0.0003	43	0.6	0.5	0.98	1.7	2.2	1.9	48	5
CA 63-b	0.11	890	0.0004	45	0.6	0.6	1.18	1.7	2.8	1.9	48	5.2
CA 71-a	0.18	890	0.0011	54	0.61	0.8	1.93	1.7	2.8	1.9	49	5.8
CA 71-b	0.22	890	0.0013	55	0.61	0.9	2.36	1.8	2.8	2	49	6.5
CA 80-a	0.37	900	0.0016	66	0.71	1.1	3.93	1.8	3	2	51	7.4
CA 80-b	0.55	900	0.0026	69	0.71	1.6	5.84	2.05	3.5	2.2	51	9.8
C1A 90S	0.75	910	0.0035	72	0.72	2.1	7.87	1.9	3.8	2.1	54	10.8
C1A 90L	1.1	910	0.0051	73	0.72	3	11.54	2	4	2	54	13.5
C1A 100L	1.5	920	0.0087	75	0.73	4	15.6	2.1	4.7	2.3	57	19.6
C1A 112MT	2.2	940	0.014	78	0.75	5.4	22.3	2.2	5.5	2.5	57	25
C1A 132S	3	950	0.023	80	0.78	6.9	30.2	2	5.6	2.3	60	39
C1A 132M-a	4	950	0.031	82	0.78	9	40.2	2.3	5.8	2.6	60	45.5
C1A 132M-b	5.5	950	0.041	83	0.78	12.3	55.3	2.3	6	2.6	60	52.5
C1A 160MT	7.5	960	0.054	85	0.8	15.9	74.6	2.1	6	2.6	60	69
C1A 160L	11	960	0.109	86	0.81	22.8	109.4	2.3	6.4	2.9	63	88
C1A 180LT	15	970	0.141	87	0.82	30.4	147.7	2.4	7.2	3	63	114
C1A 200LT-a	18.5	975	0.271	88	0.83	36.6	181.2	2.3	6.8	2.5	68	145
C1A 200LT-b	22	975	0.32	88	0.83	43.5	215	2.3	6.8	2.5	68	155
C1A 225MT	30	980	0.541	90	0.84	57.3	292	2.4	6.1	2.6	72	234
C1A 250MT	37	980	0.752	91	0.84	69.9	361	2.4	6.8	2.7	73	295
C1A 280ST	45	985	1.37	92	0.82	87	436	2.3	6.5	2.4	75	381
C1A 280MT	55	985	1.68	92	0.82	105	533	2.3	6.5	2.4	75	421
C1A 315ST	75	985	2.37	92	0.83	141	727	2.1	6	2.3	75	526
C1A 315M-a	90	988	2.7	93	0.83	169	870	2.3	5.8	2.6	84	642
C1A 315M-b	110	986	2.7	93	0.84	204	1065	2.3	5.8	2.6	84	672
C1A 315M-c	132	986	3.15	93.3	0.84	243	1278	2.3	5.9	2.6	84	730
C1A 315M-d	160	987	4.7	94	0.84	293	1548	2.4	6	2.6	84	910
C1A 355LT	200	987	5.7	94	0.84	366	1935	2.4	6	2.6	84	1144

I valori di rendimento sono calcolati in accordo con IEC 60034-2-1.

Efficiency values are given according to IEC 60034-2-1.

## Dati tecnici

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)  
 Isolamento Classe F - Servizio S1 - 400 V - 50 Hz  
 8 poli - 750 giri/min

## Technical data

(IEC 60034-30-1:2014, IEC TS 60034-30-2:2016)  
 Insulation Class F - S1 Duty - 400 V - 50 Hz  
 8 poles - 750 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rend. Eff.	Fattore di potenza Power factor	Corrente Current In (400 V)	Coppia nom. Nominal torque	Coppia di spunto Starting torque	Corrente di spunto Starting current	Coppia massima Max torque	Rumor. Noise	Forma B3 Mount B3 Peso Weight
	kW	giri/min rpm	kgm <sup>2</sup>	%	cosφ	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
<b>Serie CA (carcassa in alluminio) - CA Series (aluminium frame)</b>												
CA 63	0.05	640	0.00029	40	0.53	0.34	0.75	1.5	2	1.6	48	5
CA 63	0.07	640	0.00039	44	0.54	0.43	1.04	1.5	2	1.6	48	5
CA 71	0.11	650	0.0011	44	0.56	0.65	1.6	1.5	2	1.6	49	6
CA 71	0.15	650	0.0013	46	0.57	0.83	2.2	1.6	2.1	1.6	49	6.5
CA 80	0.18	670	0.0016	52	0.6	0.83	2.6	1.8	3	2	51	7.3
CA 80	0.25	670	0.0026	61	0.6	1	3.6	1.8	3	2	51	9.7
CA 90S	0.37	680	0.003	64	0.63	1.3	5.2	1.8	3.2	2	53	10.6
CA 90L	0.55	690	0.0045	67	0.63	1.9	7.6	1.8	3.4	2	53	13.3
CA 100L	0.75	690	0.0087	68	0.64	2.5	10.4	2	3.4	2.1	55	19.3
CA 100L	1.1	690	0.0109	70	0.64	3.5	15.2	2	3.4	2.1	55	21.5
CA 112MT	1.5	700	0.0141	73	0.65	4.6	20.5	1.9	3.5	2.4	55	25
CA 132S	2.2	705	0.0307	78	0.71	5.7	29.8	1.9	4.6	2.2	58	45
CA 132M	3	710	0.0409	79	0.72	7.6	40.4	1.9	5	2.3	58	52
CA 160MT	4	710	0.0537	80	0.73	9.9	53.8	2	5	2.1	58	68.5
CA 160M	5.5	715	0.0772	82	0.73	13	73	2	5.2	2.1	61	70
CA 160L	7.5	720	0.109	84	0.74	17	100	2.1	5.4	2.2	61	87.5
CA 180LT	11	730	0.154	86	0.76	24	144	2.1	5.1	2	61	117
CA 200LT	15	730	0.345	87	0.76	33	196	2.1	5.4	2.3	66	155
CA 225ST	18.5	730	0.505	88	0.79	38	242	2.3	5.3	2.3	70	207
CA 225MT	22	730	0.577	89	0.79	45	288	2.3	5.3	2.4	70	243
CA 250MT	30	735	0.902	90	0.8	60	390	2.4	5.5	2.6	71	317
CA 280ST	37	735	1.75	90.5	0.8	74	481	2.1	5	2.3	72	420
CA 280MT	45	735	2.12	91	0.8	89	585	2.1	5.1	2.3	72	460
CA 315ST	55	740	2.43	92	0.8	108	710	2.3	5.5	2.2	81	525
CA 315M	75	740	3.1	93	0.8	146	968	1.6	5.2	2.2	81	671
CA 315M	90	740	3.52	93.5	0.8	174	1162	1.6	5.2	2.3	81	769
CA 315M	110	740	4.4	93.8	0.8	212	1420	1.6	5.3	2.3	81	890
CA 315M	132	740	5.1	94	0.8	254	1704	1.6	5.3	2.4	81	1035
<b>Serie CS (carcassa in acciaio) - CS Series (steel frame)</b>												
CS 355L-b	200	742	10.5	94.5	0.81	378	2575	1.5	5.6	2.4	79	1590
CS 355L-c	250	745	12.6	94.5	0.82	466	3205	1.5	5.6	2.4	79	1760
CS 355Lx-a	315	745	28.9	95	0.8	600	4039	1.4	6	2.4	79	2520
CS 355Lx-b	355	745	34	95	0.81	667	4550	1.5	6	2.5	79	2840
CS 400Lx-b	400	745	41.8	95.4	0.84	721	5127	1.4	6	2.4	81	3200
CS 400Lx-c	450	745	49.9	95.5	0.84	811	5768	1.5	6	2.4	81	3540
CS 450Lx-a	500	745	69.5	95.6	0.84	900	6409	1.5	6	2.5	83	4060
CS 450Lx-b	560	745	81.7	95.8	0.84	1006	7178	1.5	6	2.5	83	4440
CS 500Lx-a	630	745	101.1	96	0.86	1103	8075	1	6	2.4	83	5010
CS 500Lx-b	710	745	113.8	96	0.86	1243	9100	1	6	2.4	83	5440
CS 500Lx-c	800	745	129.6	96.1	0.86	1399	10254	1	6	2.4	83	5980

La classificazione dell'efficienza riguarda solo i motori a 2, 4, e 6 poli.

Efficiency classification concerns only 2, 4 and 6 pole motors.