

Dati tecnici

Classe di efficienza IE2

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

Alta efficienza

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

2 poli - 3.000 giri/min

Technical data

IE2 Efficiency class

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

High Efficiency

Insulation Class F - Temperature rise Class B

S1 Duty - 400 V - 50 Hz

2 poles - 3.000 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rendimento Efficiency			Fattore di potenza Power factor cosφ			Corrente Current In (400 V)	Coppia nom. Nom. 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 ²	100%	75%	50%	100%	75%	50%	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
Serie C2A (carcasa in alluminio) - C2A Series (aluminium frame)																
C2A 71-a	0.37	2800	0.0005	71	72.6	70.2	0.8	0.71	0.54	0.94	1.262	2.2	4	2.3	59	6.6
C2A 71-b	0.55	2810	0.00071	74.1	75.7	73.3	0.8	0.71	0.54	1.34	1.869	2.5	4.6	2.6	59	7.7
C2A 80-a	0.75	2870	0.0015	77.4	79	76.6	0.8	0.71	0.54	1.8	2.49	2.3	4.5	2.4	61	9.6
C2A 80-b	1.1	2975	0.002	79.6	80.2	77.2	0.8	0.72	0.57	2.5	3.53	2.6	5.5	2.7	61	11.2
C2A 90S	1.5	2830	0.0016	81.3	80.6	79.9	0.82	0.78	0.67	3.3	5.06	2.6	5.5	2.6	65	13.9
C2A 90L	2.2	2880	0.0023	83.2	83.6	83.1	0.82	0.78	0.67	4.7	7.29	2.6	5.8	2.6	65	15.9
C2A 100L	3	2880	0.0042	84.6	84.7	83.2	0.84	0.78	0.67	6.1	9.95	2.4	6.2	2.5	69	23.8
C2A 112MT-a	4	2910	0.0056	85.8	86.3	86	0.84	0.78	0.67	8	13.13	2.3	6.8	2.6	69	28
C2A 132S-a	5.5	2880	0.0112	87	86.7	84.7	0.9	0.87	0.8	10.2	18.24	2.2	6.8	2.5	69	43.3
C2A 132S-b	7.5	2920	0.0146	87	87.6	87.2	0.9	0.88	0.82	13.8	24.5	2.3	7	2.6	71	49.5
C2A 160M-a	11	2935	0.031	89.4	89.5	87.7	0.88	0.85	0.77	20.2	36	2	6.2	2.8	71	76
C2A 160M-b	15	2936	0.041	90.3	90.5	89.4	0.89	0.85	0.78	27	49	2.3	6.7	2.8	72	90
C2A 160L	18.5	2938	0.048	90.9	91	90.3	0.89	0.85	0.78	33	60	2.4	7.2	2.9	72	110
C2A 180MT	22	2938	0.055	91.3	91.5	90	0.89	0.86	0.79	39.1	72	2.6	7.2	2.9	72	116
C2A 200LT-a	30	2945	0.105	92	92	91	0.91	0.89	0.85	51.8	97	2	7	2.8	81	162
C2A 200LT-b	37	2947	0.126	92.5	92.6	91.3	0.91	0.89	0.85	63.5	120	2.2	7	3	81	184
C2A 225MT *	45	2960	0.18	92.9	92.9	91.4	0.9	0.88	0.8	77.8	145	2.6	7.5	3	81	222
C2A 250MT	55	2965	0.29	93.2	92.1	90.3	0.9	0.88	0.81	94.8	177	2.6	7.5	3	81	280
C2A 280ST	75	2965	0.553	93.8	93.3	91.1	0.9	0.88	0.84	128.4	242	2.4	7.2	2.7	84	408
C2A 280MT	90	2968	0.664	94.1	93.7	92	0.9	0.88	0.88	153.6	290	2.4	7.2	2.8	84	495
C2A 315ST	110	2970	0.751	94.3	94.8	93	0.9	0.88	0.89	187.3	354	2.6	7.5	2.8	84	553
C2A 315M-a	132	2875	1.53	94.6	94.7	93.2	0.9	0.88	0.84	224	438	1.9	7	2.3	87	692
C2A 315M-b	160	2875	1.83	94.8	94.7	94.3	0.9	0.89	0.86	271	531	1.9	7	2.3	87	764
C2A 315M-c	200	2875	1.83	95	94.9	93.5	0.9	0.89	0.86	338	664	2	7	2.3	87	860
Serie C2S (carcasa in acciaio) - C2S Series (steel frame)																
C2S 355L	250	2983	3.5	95.1	94	93.5	0.91	0.9	0.87	417	800	2	7	2.3	88	1200
C2S 355L-a	280	2980	4.2	95.1	94.1	93.5	0.91	0.9	0.87	468	898	2	7	2.3	88	1280
C2S 355L-b	315	2980	4.5	95.1	94.1	93.3	0.91	0.9	0.87	526	1010	2.3	7.5	2.5	88	1600
C2S 355L-c	355	2980	4.8	95.1	94.1	93.3	0.9	0.9	0.87	599	1202	2.2	7.5	2.4	89	1870
C2S 355Lx-b	400	2985	7.7	95.2	94.2	93.4	0.9	0.9	0.87	675	1280	2.2	7.5	2.4	89	2000
C2S 355Lx-c	450	2985	8.4	95.2	94.2	93.4	0.9	0.9	0.87	759	1440	2.2	7.5	2.4	89	2150

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 IE2

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

Alta efficienza

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

4 poli - 1.500 giri/min

Technical data

IE2 Efficiency class

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

High Efficiency

Insulation Class F - Temperature rise Class B

S1 Duty - 400 V - 50 Hz

4 poles - 1.500 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rendimento Efficiency			Fattore di potenza Power factor cosφ			Corrente Current In (400 V)	Coppia nom. Nom. 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 ²	100%	75%	50%	100%	75%	50%	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
Serie C2A (carcassa in alluminio) - C2A Series (aluminium frame)																
C2A 71-a	0.25	1350	0.00053	68.5	67.9	66.9	0.65	0.61	0.5	0.79	1.77	2.2	3.9	2.2	51	6.3
C2A 71-b	0.37	1350	0.00071	72.7	72.1	71.1	0.67	0.63	0.52	1.14	2.62	2.2	3.9	2.2	51	7.7
C2A 80-a	0.55	1360	0.0017	77.1	76.5	75.5	0.7	0.66	0.55	1.49	3.86	2.5	4.7	2.5	54	9.5
C2A 80-b	0.75	1360	0.0019	79.6	79	78	0.73	0.69	0.58	1.9	5.27	2.3	5	2.3	50	11
C2A 90S	1.1	1395	0.0028	81.4	81	79	0.81	0.74	0.61	2.4	7.53	2.3	4.7	2.5	50	14.2
C2A 90L	1.5	1400	0.0373	82.8	82	80	0.81	0.74	0.61	3.2	10.23	2.6	5	2.6	52	17.8
C2A 100L-a	2.2	1425	0.006	84.3	84.6	84.4	0.8	0.74	0.62	4.7	14.74	2	5	2.2	52	21.2
C2A 100L-b	3	1425	0.008	85.5	85.8	84.9	0.8	0.74	0.62	6.3	20.1	2	5	2.2	56	26.2
C2A 112M	4	1420	0.014	86.6	87.5	87.5	0.8	0.73	0.62	8.3	26.9	2.4	5	2.5	56	35
C2A 132S	5.5	1452	0.023	87.7	87.9	87	0.8	0.72	0.61	11.3	36.2	1.8	5.5	2.5	56	48
C2A 132M	7.5	1456	0.034	88.7	88.9	88	0.81	0.73	0.62	15.1	49.2	2	5.8	2.6	59	58
C2A 132Mb	9.2	1457	0.037	89.3	89.3	88.4	0.81	0.73	0.6	18.38	60.3	2	5.9	2.7	59	65.2
C2A 160M	11	1463	0.076	89.8	90	89.8	0.83	0.76	0.63	21.3	71.8	2.4	5.8	2.5	59	85.5
C2A 160L	15	1463	0.093	90.6	91	90.6	0.83	0.76	0.63	28.8	97.9	2.6	6	2.6	63	104
C2A 180MT	18.5	1465	0.11	91.2	91.4	91.1	0.83	0.77	0.63	35	120.6	2.5	6	2.5	63	125
C2A 180L	22	1465	0.153	91.6	92	91.6	0.87	0.83	0.74	40	143,4	2.2	6	2.6	63	155
C2A 200LT	30	1465	0.195	92.3	92.6	92.2	0.87	0.83	0.74	54	195,5	2.2	6.2	2.8	66	186
C2A 225MT	37	1470	0.352	92.7	92.7	92	0.87	0.83	0.74	66	240,3	2.6	7.1	2.9	66	230
C2A 225M	45	1474	0.429	93.1	93.2	93	0.88	0.82	0.74	79	292	2.6	7.5	2.9	66	263
C2A 250MT	55	1475	0.55	93.5	93.4	93	0.88	0.84	0.75	97	356	2.8	7.6	3	66	315
C2A 280ST	75	1480	1.25	94	93.8	93.7	0.88	0.85	0.76	131	484	2.6	7	2.6	70	407
C2A 280MT	90	1480	1.48	94.2	94	93.8	0.88	0.85	0.76	157	581	2.6	7	2.6	70	474
C2A 315M-a	110	1488	2.6	94.5	94.3	93.3	0.86	0.83	0.74	196	706	2.6	7	2.6	80	660
C2A 315M-b	132	1488	3.2	94.7	94.7	94	0.86	0.83	0.74	234	847	2.6	7.2	2.6	80	733
C2A 315M-c	160	1488	3.9	94.9	94.8	94	0.88	0.85	0.78	277	1027	2.7	7.2	2.7	80	848
C2A 315M-d	200	1485	4.7	95.1	95	94.2	0.88	0.85	0.78	345	1286	2.7	7.2	2.8	80	1026
Serie C2S - CS (carcassa in acciaio) - C2S - CS Series (steel frame)																
C2A 355L-a	250	1492	5.5	95.1	94.4	92.4	0.87	0.85	0.75	437	1600	1.4	6.4	2.4	84	1360
C2A 355L-b	280	1492	5.8	95.1	94.6	93	0.88	0.84	0.77	483	1792	1.4	6.4	2.4	84	1490
C2A 355L-c	315	1492	6.6	95.3	94.7	93	0.88	0.85	0.77	543	2016	1.4	6.5	2.4	84	1680
C2A 355Lx-a	355	1492	10	95.3	94.8	93.3	0.89	0.87	0.81	605	2272	1.3	6.8	2.8	84	1850
C2A 355Lx-b	400	1492	11.8	95.5	94.9	93.7	0.89	0.88	0.81	680	2560	1.4	7	2.8	84	2060
C2A 355Lx-c	450	1492	13.6	95.7	95.2	94	0.9	0.87	0.81	755	2880	1.4	7	2.8	84	2260
C2A 355Lx-d	500	1492	15.9	95.8	95.2	94	0.9	0.87	0.81	838	3200	1.4	7	2.8	84	2520
C2A 400Lx-a	560	1495	27	96	95.4	94.2	0.87	0.83	0.76	969	3577	1.8	7.5	2.5	85	3150
C2A 400Lx-b	630	1490	31.6	96	95.4	94.2	0.87	0.83	0.76	1090	4037	2	7.5	2.5	85	3520
C2A 450Lx-a	710	1495	36	96.5	96	95.2	0.89	0.87	0.84	1195	4535	1.5	7	2	85	4100
C2A 450Lx-b	800	1495	41.8	96.7	96.2	95.2	0.89	0.87	0.84	1343	5110	1.8	7.5	2.4	85	4420
C2A 500Lx-a	900	1496	70.6	96.7	96.2	95.2	0.88	0.86	0.82	1528	5745	1.5	7	2.3	85	4950
C2A 500Lx-c	1000	1495	78.2	96.9	96.6	95.6	0.89	0.87	0.83	1676	6387	1.6	7	2.3	85	5300

Dati tecnici

Classe di efficienza IE2

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

Alta efficienza

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

6 poli - 1.000 giri/min

Technical data

IE2 Efficiency class

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

High Efficiency

Insulation Class F - Temperature rise Class B

S1 Duty - 400 V - 50 Hz

6 poles - 1.000 rpm

Tipo Type	Potenza Power	Velocità Speed	J	Rendimento Efficiency			Fattore di potenza Power factor cosφ			Corrente Current In (400 V)	Coppia nom. Nom. 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 ²	100%	75%	50%	100%	75%	50%	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
Serie C2A (carcassa in alluminio) - C2A Series (aluminium frame)																
C2A 71-a	0.18	890	0.0013	56.6	54.7	48.7	0.61	0.5	0.35	0.76	1.93	1.9	3.1	2.1	49	6.4
C2A 71-b	0.25	890	0.0016	61.6	57.66	51.66	0.61	0.5	0.35	0.96	2.68	2.0	3.1	2.2	49	7.2
C2A 80-a	0.37	900	0.0026	67.6	65.7	59.7	0.71	0.6	0.45	1.07	3.93	2.0	3.3	2.2	51	8.1
C2A 80-b	0.55	900	0.0033	73.1	71.2	65.2	0.71	0.6	0.45	1.51	5.84	2.3	3.9	2.4	51	10.8
C2A 90S	0.75	925	0.005	75.9	74	68	0.66	0.55	0.4	2.16	7.742	2.5	5	2.9	54	13.5
C2A 90L	1.1	925	0.006	78.1	76	72	0.7	0.59	0.43	2.9	11.36	2.8	5.2	3	54	16.5
C2A 100L	1.5	950	0.013	79.8	77	72	0.71	0.58	0.44	3.8	15.08	2.1	4.7	2.5	57	25
C2A 112M	2.2	950	0.018	81.8	82	78	0.71	0.59	0.45	5.5	22.11	2.2	5.8	2.6	57	30
C2A 132S	3	955	0.029	83.3	83.3	81.2	0.72	0.61	0.47	7.2	30	2.2	5.6	2.8	60	45.5
C2A 132M-a	4	955	0.039	84.6	84.6	82.6	0.72	0.62	0.48	9.5	40	2.3	6	2.9	60	52.5
C2A 132M-b	5.5	955	0.051	86	86	84.3	0.73	0.63	0.49	12.7	54.99	2.4	6	3	60	69
C2A 160M	7.5	960	0.104	87.2	87.2	86	0.78	0.68	0.54	15.9	74.6	2.6	7	3	63	88
C2A 160L	11	965	0.123	88.7	88.4	87.2	0.78	0.69	0.54	23	108.8	2.6	7.4	3	63	114
C2A 180LT	15	970	0.16	89.7	89.2	87.8	0.78	0.69	0.54	31	147.7	2.7	7.5	3	63	125
C2A 200LT-a	18.5	980	0.38	90.4	90.6	89	0.86	0.81	0.7	34	180.3	2.5	6.8	2.8	68	134
C2A 200LT-b	22	980	0.45	90.9	91	89.9	0.86	0.81	0.7	41	214.4	2.7	7	2.9	68	155
C2A 225M	30	980	0.72	91.7	91.9	91.1	0.82	0.76	0.62	58	292.3	2.6	7	2.9	72	295
C2A 250MT	37	980	0.864	92.2	92.3	91.7	0.82	0.76	0.62	71	360.5	2.6	7	2.9	73	332
C2A 280ST	45	985	1.72	92.7	92.4	91.7	0.83	0.78	0.67	85	436.2	2.3	6	2.3	75	421
C2A 280MT	55	985	2.17	93.1	92.7	91.7	0.83	0.78	0.68	103	533.2	2.4	6	2.3	75	490
C2A 315ST	75	985	2.68	93.7	93.2	92.3	0.83	0.78	0.68	139	727.1	2.4	6	2.3	75	565
C2A 315M-a	90	988	3.14	94	93.5	92.4	0.83	0.8	0.68	167	870	2.4	6.5	2.7	82	672
C2A 315M-b	110	988	3.73	94.3	93.9	93.1	0.84	0.8	0.7	201	1063	2.4	6.5	2.7	82	730
C2A 315M-c	132	988	4.7	94.6	94.2	93.2	0.84	0.8	0.7	240	1276	2.7	7	2.9	82	910
C2A 315M-d	160	988	5.7	94.8	94.4	93.5	0.84	0.81	0.7	290	1546	2.7	7	2.9	82	1100
Serie C2S - CS (carcassa in acciaio) - C2S - CS Series (steel frame)																
C2S 355L	200	990	6.4	95	94.9	94.4	0.86	0.83	0.74	354	1929	1.9	5.6	2.2	82	1370
C2S 355L-a ^(*)	250	990	7.9	95.1	95.2	94.6	0.86	0.83	0.75	442	2411	2.2	5.6	2.2	82	1572
C2S 355L-b ^(*)	280	990	8.7	95.1	95.3	94.6	0.86	0.83	0.75	495	2701	2.2	5.8	2.3	82	1660
C2S 355L-c ^(*)	315	990	9.8	95	95.2	94.6	0.86	0.83	0.75	557	3038	1.2	5.6	2.3	82	1800
C2S 355Lx-a ^(*)	355	990	19.8	95.5	95.5	95.4	0.89	0.87	0.79	604	3424	1.4	6	2.5	82	2060
CS 355Lx-b ^(*)	400	990	22.3	95.5	95.6	95.5	0.89	0.87	0.79	680	3858	1.4	6	2.6	82	2254
CS 400Lx-a ^(*)	450	994	31.1	95.6	95.5	94.8	0.89	0.87	0.79	764	4323	1.2	6	2.6	84	2960
CS 400Lx-b	500	994	35	95.7	95.7	94.9	0.89	0.87	0.79	848	4803	1.2	6	2.6	84	3290
CS 400Lx-c	560	995	39.8	95.7	95.7	94.9	0.89	0.87	0.79	950	5374	1.3	6.2	2.8	84	3530
CS 450Lx-a	630	995	44	96	95.9	95	0.88	0.85	0.78	1078	6046	1.3	6.8	3	85	4200
CS 450Lx-b	710	995	48	96	95.9	95	0.88	0.85	0.78	1215	6814	1.3	6.9	3.2	85	4560
CS 500Lx-a	800	995	60	96.3	96.3	95.8	0.89	0.87	0.8	1349	7678	0.8	5.9	2.5	85	4890
CS 500Lx-b	900	995	67	96.4	96.4	95.8	0.89	0.87	0.8	1516	8637	0.9	6	2.6	85	5500

^(*)Sovratemperatura Classe F

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

^(*)Temperature rise Class F

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

Dati tecnici

Classe di efficienza IE2

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

Alta efficienza

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

8 poli - 750 giri/min

Technical data

IE2 Efficiency class

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High Efficiency

Insulation Class F - Temperature rise Class B

S1 Duty - 400 V - 50 Hz

8 poles - 750 rpm

Tipo Type	Potenza Power	Velocità Speed	J kgm ²	Rendimento Efficiency			Fattore di potenza Power factor cosφ			Corrente Current In (400 V)	Coppia nom. Nom. 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		100%	75%	50%	100%	75%	50%	A	Nm	Ca/Cn Tst/Tn	Ia/In Ist/In	Cmax/Cn Tmax/Tn	dB (A)	kg
Serie C2A (carcassa in alluminio) - C2A Series (aluminium frame)																
C2A 71	0.15	650	0,0013	46	45.9	39.9	0.57	0.5	0.43	0.83	2.2	1.6	2.1	1.6	49	6.5
C2A 80	0.18	670	0,0016	52	52	46	0.6	0.53	0.45	0.83	2.6	1.8	3	2	51	7.3
C2A 80	0.25	670	0,0026	61	61.1	55.5	0.6	0.53	0.45	1	3.6	1.8	3	2	51	9.7
C2A 90S	0.37	680	0,003	64	64.1	59.4	0.63	0.55	0.5	1.3	5.2	1.8	3.2	2	53	10.6
C2A 90L	0.55	690	0,0045	67	67.1	62.8	0.63	0.55	0.5	1.9	7.6	1.8	3.4	2	53	13.3

^(*)Sovratemperatura Classe F

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

^(*)Temperature rise Class F

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