

Dati tecnici

Classe di efficienza IE3

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

Efficienza Premium

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

2 poli - 3.000 giri/min

Technical data

IE3 Efficiency class

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

Premium 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 C3A (carcassa in alluminio) - C3A Series (aluminium frame)																
C3A 80-a	0.75	2860	0.00145	80.7	80	76	0.87	0.85	0.78	1.5	2.504	2.6	6	2.8	60	11.2
C3A 80-b	1.1	2875	0.002	82.7	82.5	80	0.88	0.72	0.79	2.2	3.65	2.7	6	2.8	60	13.2
C3A 90S	1.5	2890	0.0016	84.2	83.4	81	0.76	0.64	0.64	3.4	4.877	3	6.2	3.2	64	13.9
C3A 90L	2.2	2875	0.0022	85.9	85.4	84.3	0.86	0.81	0.69	4.3	7.397	3	6.7	3	64	15.9
C3A 100L	3	2900	0.0054	87.1	87.1	86.8	0.86	0.81	0.7	5.8	9.88	2.4	6.7	3	68	28
C3A 112M	4	2895	0.0083	88.1	88	86.8	0.86	0.81	0.7	7.6	13.19	2.3	6.7	3	68	33
C3A 132S-b	5.5	2910	0.0143	89.2	89.3	89	0.89	0.87	0.81	10	18.05	2.3	7	3	70	49.5
C3A 132S-b	7.5	2930	0.016	90.1	91	89.4	0.89	0.87	0.81	13.5	24.4	2.2	7	3	70	53
C3A 160M-a	11	2947	0.041	91.2	91	89.4	0.9	0.88	0.81	19.4	36	2.8	8.3	3.4	70	90
C3A 160M-b	15	2947	0.048	91.9	91.8	90	0.89	0.86	0.78	26.5	49	2.8	8	3.4	70	110
C3A 160L	18.5	2948	0.055	92.4	92	90.6	0.88	0.85	0.74	32.9	60	2.8	7.5	3	70	116
C3A 180L-T	22	2960	0.06	92.7	92	91.1	0.89	0.86	0.78	38.5	71	2.6	7.7	3.4	71	160
C3A 200LT	30	2960	0.126	93.3	93.2	92.1	0.9	0.87	0.8	51.6	97	2.6	7.8	3.5	78	184
C3A 200L	37	2965	0.182	93.7	93.3	92	0.9	0.87	0.8	63.4	119	2.6	7.8	3.3	78	220
C3A 225MT	45	2965	0.182	94	93.4	92.4	0.9	0.88	0.81	76	145	2.6	7.8	3.2	78	220
C3A 250MT	55	2970	0.349	94.3	93.7	92.5	0.9	0.89	0.84	92.6	177	2.7	7.5	3	78	330
C3A 280ST	75	2970	0.707	94.7	94.6	93.8	0.91	0.9	0.87	126	241	2.3	7	2.7	82	495
C3A 280MT	90	2970	0.84	95	94.7	93.7	0.91	0.9	0.87	150	289	2.6	7.5	3	82	550
C3A 315S	110	2973	1.531	95.2	94.8	93.7	0.91	0.9	0.87	183	353	1.9	6.8	2.4	84	750
C3A 315Ma	132	2973	1.837	95.4	95.1	94.2	0.91	0.9	0.89	220	424	2	7	2.4	84	810
C3A 315Md	160	2973	2.143	95.6	95.5	94.8	0.91	0.91	0.9	266	514	2.1	6.8	2.5	84	916
C3A 315Me	200	2975	2.449	95.8	95.7	95.4	0.91	0.91	0.89	332	642	2.2	7	2.5	84	1005
Serie C3S (carcassa in acciaio) - C3S Series (steel frame)																
C3S 355L-a	250	2982	4.35	95.8	95.5	94.6	0.91	0.91	0.88	414	801	2.2	7	2.3	85	1560
C3S 355L-b	280	2983	4.69	95.8	95.6	94.8	0.91	0.91	0.88	464	898	2.4	7.4	2.4	85	1720
C3S 355Lx-a	315	2985	6.23	95.8	95.7	94.8	0.91	0.91	0.89	522	1010	1.5	6.5	2.3	85	1800
C3S 355Lx-b	355	2985	6.82	95.8	95.7	95.1	0.91	0.9	0.89	588	1202	1.6	6.7	2.4	85	1900
C3S 355Lx-b	400	2985	7.7	95.8	94.8	94	0.9	0.9	0.87	671	1280	2.4	8.3	2.6	89	2200
C3S 355Lx-c	450	2985	8.4	95.8	94.8	94	0.9	0.9	0.87	754	1440	2.4	8.3	2.6	89	2365

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 IE3

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

Efficienza Premium

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

4 poli - 1.500 giri/min

Technical data

IE3 Efficiency class

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

Premium 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)
Serie C3A (carcassa in alluminio) - C3A Series (aluminium frame)																
C3A 80-b	0.75	1360	0.0019	82.5	79	78	0.73	0.69	0.58	1.8	5.27	2.3	5	2.3	50	11
C3A 90S	1.1	1428	0.0034	84.1	83	79	0.74	0.64	0.48	2.6	7.36	2.8	5,8	3.1	51	16
C3A 90L	1.5	1430	0.004	85.3	84	81	0.75	0.65	0.5	3.4	10.02	3	6	3.2	51	18.4
C3A 100L-a	2.2	1435	0.0083	86.7	86.3	84.3	0.75	0.66	0.52	4.9	14.64	2.7	6.4	3.4	54	26.2
C3A 100L-b	3	1425	0.0097	87.7	85.8	84.9	0.78	0.73	0.62	6.5	20.1	2.8	6.6	3.5	54	29
C3A 112M	4	1435	0.0198	88.6	88.3	87	0.78	0.7	0.56	8.4	26.62	2.8	6.5	3	54	48
C3A 132sa	5.5	1463	0.033	89.6	89.6	88.4	0.78	0.7	0.56	11.4	35.9	2.3	6.5	2.8	54	58
C3A 132Ma	7.5	1463	0.037	90.4	90	88	0.78	0.7	0.57	15.37	49	2.2	6.5	2.8	54	65
C3A 160M	11	1470	0.092	91.4	91.4	91	0.81	0.75	0.62	21.5	71.5	2.8	6.3	2.7	58	104
C3A 160L	15	1470	0.108	92.1	92	91.8	0.84	0.79	0.7	28	97.4	2.8	6.3	2.6	62	125
C3A 180MT	18.5	1470	0.117	92.6	92.2	92	0.8	0.79	0.68	35	120.2	2.8	6.3	2.6	62	133
C3A 180L	22	1471	0.194	93	92.7	91.3	0.82	0.77	0.65	42	142.8	2.8	7.4	3.2	62	180
C3A 200L	30	1471	0.373	93.6	93.4	92.6	0.86	0.82	0.7	54	194.7	2.8	7.4	3	64	230
C3A 225ST	37	1473	0.397	93.9	93.4	92.6	0.86	0.82	0.7	66	239.9	2.8	7.8	3.2	64	242
C3A 225M	45	1476	0.549	94.2	94	93.3	0.88	0.84	0.73	78	291	3	8	3.4	64	310
C3A 250M	55	1480	0.977	94.6	94.4	93.8	0.88	0.84	0.77	95	355	2.6	6.4	2.6	65	360
C3A 280ST	75	1480	1.486	95	94.8	94.5	0.88	0.85	0.78	130	484	2.8	6.5	2.6	69	474
C3A 280MT	90	1482	1.72	95.2	95.1	94.5	0.88	0.85	0.78	155	580	2.8	6.8	2.7	69	532
C3A 315S	110	1484	3.31	95.4	95.4	94.6	0.88	0.86	0.8	189	708	2.5	7	2.5	78	733
C3A 315M-b	132	1487	3.31	95.6	95.9	95.5	0.88	0.86	0.8	227	848	2.4	7	2.5	78	733
C3A 315M-c	160	1485	3.972	95.8	95.8	95.3	0.88	0.86	0.8	274	1029	2.7	7.6	2.7	78	848
C3A 315M-d	200	1486	4.8	96	95.9	95.6	0.88	0.86	0.78	342	1285	2.7	8.2	2.9	78	1026
Serie C3S (carcassa in acciaio) - C3S Series (steel frame)																
C3S 355L-b	250	1488	4.76	96	96	95.2	0.88	0.86	0.77	428	1604	2.6	7	2.5	84	1480
C3S 355L-c	315	1488	5.752	96	96	95.5	0.88	0.87	0.8	539	2021	2.6	7	2.5	84	1680
C3S 355Lx-a	355	1492	11.657	96	96	95.6	0.89	0.88	0.83	600	2272	2	6.2	2.4	84	1960
C3S 355Lx-b^(*)	400	1492	13.6	96	95.4	94.2	0.89	0.88	0.81	676	2560	1.5	7.7	3.1	84	2270
C3S 355Lx-c^(*)	450	1492	15.9	96	95.5	94.3	0.9	0.87	0.81	753	2880	1.5	7.7	3.1	84	2490
C3S 355Lx-d^(*)	500	1492	18.6	96	95.4	94.2	0.9	0.87	0.81	836	3200	1.5	7.7	3.1	84	2775
C3S 400Lx-a^(*)	560	1495	31.6	96	95.4	94.2	0.87	0.83	0.76	969	3577	2.0	8.2	2.8	85	3465
C3S 400Lx-b^(*)	630	1490	37	96	95.4	94.2	0.87	0.83	0.76	1090	4037	2.2	8.2	2.8	85	3875
C3S 450Lx-a	710	1495	41.8	96.5	96	95.2	0.89	0.87	0.84	1195	4535	1.7	7.7	2.2	85	4510
C3S 450Lx-b	800	1495	48.5	96.7	96.2	95.2	0.89	0.87	0.84	1343	5110	2.0	8.2	2.6	85	4875
C3S 500Lx-a^(*)	900	1496	70.6	96.7	96.2	95.2	0.88	0.86	0.82	1528	5745	1.7	7.7	2.5	85	4950
C3S 500Lx-c^(*)	1000	1495	78.2	96.9	96.6	95.6	0.89	0.87	0.83	1676	6387	1.8	7.7	2.5	85	5300

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Dati tecnici

Classe di efficienza IE3

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Efficienza Premium

Isolamento Classe F - Sovratemperatura Classe B

Servizio S1 - 400 V - 50 Hz

6 poli - 1.000 giri/min

Technical data

IE3 Efficiency class

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

Premium 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 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 C3A (carcasa in alluminio) - C3A Series (aluminium frame)																
C3A 90S	0.75	926	0.006	78.9	77	72	0.67	0.56	0.42	2.05	7.7	2.8	4.8	2.9	54	11
C3A 90L	1.1	925	0.0072	81	80	77	0.69	0.58	0.44	2.8	11.4	3	5	3.2	54	13.6
C3A 100L	1.5	950	0.0134	82.5	81	77	0.69	0.58	0.44	3.8	15.1	2.4	5.2	2.8	56	25
C3A 112M	2.2	950	0.0242	84.3	83.5	81	0.72	0.63	0.5	5.2	22.1	2.3	5.8	2.6	56	44
C3A 132S	3	954	0.0389	85.6	85.5	84	0.75	0.67	0.53	6.8	30	2.2	6	2.8	59	52.5
C3A 132M-a	4	956	0.0511	86.8	86.8	85.6	0.76	0.67	0.53	8.8	40	2.3	6	2.9	59	69
C3A 132M-b	5.5	957	0.0584	88	87.6	86.4	0.76	0.67	0.53	11.9	54.9	2.4	6.3	3	59	77
C3A 160M	7.5	960	0.135	89.1	89	88.9	0.82	0.76	0.63	14.8	74.6	2.6	7.5	2.9	63	104
C3A 160L	11	965	0.159	90.3	90.2	89.6	0.8	0.73	0.6	22	108.8	2.7	7.8	3	63	125
C3A 180L	15	981	0.33	91.2	91.2	90	0.8	0.73	0.62	28.3	146	2.8	6.5	2.8	63	163
C3A 200LT	18.5	981	0.377	91.7	91.6	91.3	0.85	0.8	0.68	34.3	180	2.7	6.7	2.8	68	180
C3A 200L-b	22	982	0.483	92.2	92.2	91.6	0.85	0.8	0.68	41	214	2.8	7	2.9	70	210
C3A 225M	30	983	0.92	92.9	92.7	92.4	0.85	0.8	0.69	55	291	2.7	7	2.9	72	310
C3A 250M	37	992	1.72	93.3	93.2	92.2	0.83	0.78	0.69	69	356	2.8	7	2.4	75	340
C3A 280ST	45	993	2.17	93.7	93.6	92.4	0.83	0.78	0.7	84	433	3	7.8	2.5	75	435
C3A 280MT	55	985	2.68	94.1	94.1	93.6	0.83	0.78	0.67	102	533	3	7.3	2.8	75	514
C3A 315S	75	988	3.14	94.6	94.4	93.7	0.84	0.78	0.68	136	725	2.5	6	2.3	82	672
C3A 315M-a	90	989	3.63	94.9	94.8	93.7	0.84	0.78	0.68	163	869	2.5	7	2.7	82	730
C3A 315M-b	110	989	4.71	95.1	95	94.4	0.84	0.79	0.69	199	1062	2.5	7	2.8	82	919
C3A 315M-d	132	989	5.69	95.4	95.3	94.9	0.84	0.8	0.72	238	1274	2.6	7	2.9	82	1100
Serie C3S (carcasa in acciaio) - C3S Series (steel frame)																
C3S 355L-a	160	990	6.39	95.6	95.2	94.5	0.84	0.81	0.7	290	1543	1.8	5.8	2.4	82	1300
C3S 355L-b	200	990	7.98	95.8	95.3	94.7	0.86	0.83	0.75	351	1929	1.8	5.8	2.4	82	1584
C3S 355L-c	250	990	8.71	95.8	95.6	95	0.86	0.83	0.75	439	2411	1.9	6	2.5	82	1744
C3S 355Lx-a	280	992	11.5	95.8	95.7	95.1	0.83	0.8	0.72	509	2695	1.9	5.6	1.9	82	1960
C3S 355Lx-b	315	992	13.18	95.8	95.8	95.4	0.83	0.81	0.74	572	3032	1.9	5.6	1.9	82	2060
C3S 355Lx-c	355	992	14.38	95.8	95.8	95.7	0.83	0.81	0.74	645	3417	2	5.6	2	82	2200
C3S 355Lx-b^(*)	400	990	22.3	95.8	95.9	95.8	0.89	0.87	0.79	678	3858	1.5	6.6	2.9	82	2480
C3S 400Lx-a^(*)	450	994	35	95.8	95.7	95	0.89	0.87	0.79	762	4323	1.3	6.6	2.9	84	3260
C3S 400Lx-b	500	994	39.8	95.8	95.8	95	0.89	0.87	0.79	847	4803	1.3	6.6	2.9	84	3620
C3S 400Lx-c	560	995	45.3	95.8	95.8	95	0.89	0.87	0.79	949	5374	1.4	6.8	3.1	84	3885
C3S 450Lx-a	630	995	48	96	95.9	95	0.88	0.85	0.78	1078	6046	1.4	7.5	3.3	85	4620
C3S 450Lx-b	710	995	52.4	96	95.9	95	0.88	0.85	0.78	1215	6814	1.4	7.6	3.5	85	5020
C3S 500Lx-a	800	995	60	96.3	96.3	95.8	0.89	0.87	0.8	1349	7678	0.9	6.5	2.8	85	4890
C3S 500Lx-b	900	995	67	96.4	96.4	95.8	0.89	0.87	0.8	1516	8637	1.0	6.6	2.9	85	5500

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Efficienza Premium

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Servizio S1 - 400 V - 50 Hz

8 poli - 750 giri/min

Technical data

IE3 Efficiency class

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

Premium 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	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)
Serie C3A (carcassa in alluminio) - C3A Series (aluminium frame)																
C3A 100L-a	0.75	690	0.011	75	75.1	72	0.59	0.44	0.32	2.45	10.4	2.0	3.8	2.1	55	28.3
C3A 100L-b	1.1	690	0.013	77.7	77.8	74.6	0.59	0.45	0.33	3.48	15.2	2.0	4.0	2.2	55	32.6
C3A 112M	1.5	690	0.023	79.7	79.9	76.8	0.66	0.54	0.42	4.1	20.8	2.6	4.1	2.6	55	48
C3A 132S	2.2	715	0.039	81.9	81.9	78.8	0.58	0.43	0.33	6.71	29.4	2.3	5.4	2.7	58	52.5
C3A 132M	3	710	0.051	83.5	83.6	80.6	0.63	0.5	0.39	8.3	40.3	2.1	5.5	2.6	58	68.5
C3A 160M-a	4	725	0.104	86.2	86.1	83.9	0.64	0.52	0.4	10.5	52.7	2.7	6.0	3.4	58	87.5
C3A 160M-b	5.5	720	0.104	86.2	86.2	84.1	0.64	0.53	0.41	8.6	72.9	2.6	5.8	3.3	61	87.5
C3A 160L	7.5	725	0.135	87.3	87.3	85.9	0.63	0.53	0.41	19.7	98.8	2.7	6.0	3.5	61	128
C3A 180L	11	725	0.33	88.6	88.7	86.1	0.8	0.75	0.65	22.4	144.9	2.7	5.7	2.6	61	155
C3A 200L	15	731	0.484	89.6	89.7	87.6	0.73	0.67	0.54	33.1	196	3.2	6	2.9	66	243
C3A 225M-a	18.5	735	0.553	90.1	90.1	88.2	0.69	0.57	0.46	43	240	3.1	5.8	2.9	70	300
C3A 225M-b	22	730	0.922	90.6	90.8	88	0.75	0.69	0.6	46.7	288	2.8	6.2	3.0	70	336
C3A 250M	30	738	1.73	91.3	91.4	90.1	0.71	0.62	0.5	66.5	388	3.5	6.3	3.0	71	420
C3A 280ST	37	740	2.4	91.8	91.8	90.3	0.72	0.63	0.52	80.8	477	3.2	6.2	3	72	460
C3A 280MT	45	740	2.81	92.2	92.3	91.3	0.74	0.68	0.55	95.2	581	3.0	5.9	2.7	72	525
C3A 315ST	55	735	2.8	92.5	92.7	91.6	0.77	0.68	0.55	111	715	2.8	5.7	2.6	81	600
C3A 315M-a	75	740	3.1	93.1	93.2	92.1	0.74	0.68	0.55	157	968	2.6	6.6	3	81	800
C3A 315M-b	90	740	3.6	93.4	93.5	92.3	0.75	0.69	0.56	185	1161	2.5	6.5	2.9	81	890
C3A 315M-c	110	740	4.4	93.8	93.9	92.3	0.8	0.75	0.65	213	1420	2.4	6.4	2.8	81	1035
C3A 315M-d	132	740	5.1	94	94.2	92.5	0.8	0.74	0.64	255	1704	2.3	6.3	2.7	81	1200
Serie C3S (carcassa in acciaio) - C3S Series (steel frame)																
C3S 355L-a	160	740	8.7	94.3	94.3	93.3	0.81	0.76	0.66	303	2065	1.4	6.3	3	79	1300
C3S 355L-b	200	740	9.67	94.6	94.7	93.4	0.79	0.74	0.63	388	2581	1.4	6.2	2.9	79	1620
C3S 355L-c	250	745	12.6	94.6	94.6	93.5	0.82	0.77	0.67	466	3205	1.4	6.2	2.9	79	1968
C3S 355Lx-a	315	745	26.6	95	95.1	93.5	0.8	0.74	0.64	601	4039	1.6	6.5	3	79	2520
C3S 355Lx-b	355	745	31.3	95	95.2	93.6	0.81	0.76	0.65	669	4550	1.6	6.5	3	81	2840
C3S 400Lx-b	400	745	47.2	95.6	95.7	93.7	0.86	0.84	0.75	703	5127	1.7	6.8	3	81	3440
C3S 400Lx-c	450	745	54.0	95.6	95.7	93.9	0.86	0.83	0.76	792	5768	1.7	6.8	3	83	3600
C3S 450Lx-a	500	745	81.4	95.6	95.8	94.3	0.87	0.84	0.76	869	6409	1.9	7	3	83	4140
C3S 450Lx-b	560	745	93.0	95.8	95.8	94.9	0.87	0.84	0.77	972	7178	1.9	7	3	83	4590
C3S 500Lx-a	630	745	108.9	96	96.2	95.1	0.87	0.84	0.78	1091	8075	2	8	3.5	83	5050
C3S 500Lx-b	710	745	120.6	96.2	96.3	95.4	0.87	0.85	0.8	1228	9100	2	8	3.5	83	5440
C3S 500Lx-c	800	745	137.4	96.3	96.3	95.7	0.87	0.85	0.8	1382	10254	2	8	3.5	79	5980

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

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