

# IE4三相异步电动机



## 技术参数

### TECHNICAL DATA OF IE4 SERIES

No.	Type	Output		Full load current at rated voltage			Full load speed in revolutions per minute	Rated torque	Frequency at constant power	Locked-Rotor torque ratio	Direct on line pull out torque ratio	Locked-Rotor current ratio	Efficiency	Power factor	Mean sound pressure level @1m on no load	Weight
		kW	HP	Amps (A)												
				380V	400V	415V	r/min	N.m	Hz	LRT/RLT	BDT/RLT	LRA/RLA	EFF. %	P.F. CosΦ	Noise LwdB(A)	Weight kg
2	IE4-63M2-2	0.18	0.25	0.48	0.46	0.44	2740	0.63	50	2.3	2.3	5.5	70.8	0.8	61	4.7
3	IE4-63M2-2	0.25	0.34	0.63	0.60	0.58	2740	0.87	50	2.3	2.3	5.5	74.3	0.81	61	4.9
4	IE4-71M2-2	0.37	0.5	0.89	0.84	0.81	2760	1.27	50	2.2	2.3	6.1	78.1	0.81	62	7.1
5	IE4-71M2-2	0.55	0.75	1.3	1.2	1.1	2795	1.88	50	2.3	2.3	6.1	81.5	0.82	62	7.4
6	IE4-80M1-2	0.75	1	1.6	1.6	1.5	2890	2.48	50	2.2	2.3	8.5	85.5	0.83	62	24/10
7	IE4-80M2-2	1.1	1.5	2.4	2.2	2.2	2890	3.63	50	2.2	2.3	8.5	85.2	0.83	62	25/11
8	IE4-90S-2	1.5	2	3.1	2.9	2.8	2890	4.96	50	2.2	2.3	9.0	86.5	0.85	67	27/17
9	IE4-90L-2	2.2	3	4.4	4.2	4.0	2895	7.26	50	2.2	2.3	9.0	88.0	0.86	67	32.5/21
10	IE4-100L-2	3	4	5.9	5.6	5.4	2895	9.90	50	2.2	2.3	9.5	89.1	0.87	74	41/27
11	IE4-112M-2	4	5.5	7.7	7.3	7.0	2915	13.10	50	2.2	2.3	9.5	90.0	0.88	77	64/35
12	IE4-132S1-2	5.5	7.5	10.4	9.9	9.6	2940	17.87	50	2.0	2.3	9.5	90.9	0.88	79	75/47
13	IE4-132S2-2	7.5	10	14.0	13.3	12.8	2940	24.36	50	2.0	2.3	9.5	91.7	0.89	79	81/53
14	IE4-160M1-2	11	15	20.3	19.3	18.6	2950	35.61	50	2.0	2.3	9.5	92.6	0.89	81	129
15	IE4-160M2-2	15	20	27.4	26.1	25.1	2950	48.56	50	2.0	2.3	9.5	93.3	0.89	81	140
16	IE4-160L-2	18.5	25	33.7	32.0	30.9	2950	59.89	50	2.0	2.3	9.5	93.7	0.89	81	165
17	IE4-180M-2	22	30	40.0	38.0	36.6	2960	70.98	50	2.0	2.3	9.5	94.0	0.89	83	208
18	IE4-200L1-2	30	40	54.2	51.5	49.6	2970	96.46	50	2.0	2.3	9.0	94.5	0.89	84	265
19	IE4-200L2-2	37	50	66.5	63.3	61.0	2970	118.97	50	2.0	2.3	9.0	94.8	0.89	84	283
20	IE4-225M-2	45	60	80.9	76.8	74.0	2970	144.70	50	2.0	2.3	9.0	95.0	0.89	86	366
21	IE4-250M-2	55	75	98.5	93.6	90.2	2980	176.26	50	2.0	2.3	9.0	95.3	0.89	89	404
22	IE4-280S-2	75	100	134	127	123	2980	240.35	50	1.8	2.3	8.5	95.6	0.89	91	548
23	IE4-280M-2	90	125	160	152	147	2980	288.42	50	1.8	2.3	8.5	95.8	0.89	91	595
24	IE4-315S-2	110	150	196	186	179	2980	352.52	50	1.8	2.3	8.5	96.0	0.89	92	875
25	IE4-315M-2	132	180	234	223	214	2980	423.02	50	1.8	2.3	8.5	96.2	0.89	92	965
26	IE4-315L1-2	160	220	284	269	260	2980	512.75	50	1.8	2.2	8.5	96.3	0.89	92	1040
27	IE4-315L2-2	200	270	354	336	324	2980	640.94	50	1.8	2.2	8.5	96.5	0.89	92	1132
28	IE4-355M-2	250	340	443	411	396	2980	801.17	50	1.6	2.2	8.5	96.5	0.91	100	1675
29	IE4-355L-2	315	430	545	518	499	2980	1009.48	50	1.6	2.2	8.5	96.5	0.91	100	1870
30	IE4-63M1-4	0.12	0.16	0.36	0.34	0.33	1330	0.86	50	2.2	2.1	4.4	69.8	0.72	52	4.7
31	IE4-63M2-4	0.18	0.25	0.50	0.48	0.46	1330	1.29	50	2.2	2.1	4.4	74.7	0.73	52	4.9
32	IE4-71M1-4	0.25	0.34	0.66	0.63	0.60	1360	1.76	50	2.2	2.1	5.2	77.9	0.74	55	7.1
33	IE4-71M2-4	0.37	0.5	0.94	0.89	0.86	1360	2.60	50	2.2	2.1	5.2	81.1	0.74	55	7.4
34	IE4-80M1-4	0.55	0.75	1.3	1.3	1.2	1420	3.70	50	2.3	2.4	5.2	83.9	0.74	56	24/12
35	IE4-80M2-4	0.75	1	1.8	1.7	1.6	1430	5.01	50	2.3	2.3	8.5	85.7	0.74	56	26/13
36	IE4-90S-4	1.1	1.5	2.6	2.4	2.3	1445	7.27	50	2.3	2.3	8.5	87.2	0.75	59	27/16
37	IE4-90L-4	1.5	2	3.4	3.2	3.1	1445	9.91	50	2.3	2.3	9.0	88.2	0.76	59	30.5/20
38	IE4-100L1-4	2.2	3	4.7	4.5	4.3	1460	14.39	50	2.3	2.3	9.0	89.5	0.79	64	42/29
39	IE4-100L2-4	3	4	6.3	6.0	5.8	1460	19.62	50	2.3	2.3	9.5	90.4	0.80	64	47/33.5
40	IE4-112M-4	4	5.5	8.3	7.9	7.6	1460	26.16	50	2.3	2.3	9.5	91.1	0.80	65	63/41
41	IE4-132S-4	5.5	7.5	11.4	10.8	10.4	1470	35.73	50	2.0	2.3	9.5	91.9	0.80	71	86/57
42	IE4-132M-4	7.5	10	15.2	14.4	13.9	1470	48.72	50	2.0	2.3	9.5	92.6	0.81	71	96/67
43	IE4-160M-4	11	15	21.6	20.5	19.8	1470	71.46	50	2.2	2.3	9.5	93.3	0.83	73	139
44	IE4-160L-4	15	20	28.9	27.4	26.5	1470	97.45	50	2.0	2.3	9.5	93.9	0.84	73	163
45	IE4-180M-4	18.5	25	35.1	33.3	32.1	1475	119.78	50	2.2	2.3	9.5	94.2	0.85	76	199
46	IE4-180L-4	22	30	41.6	39.5	38.1	1475	142.44	50	2.0	2.3	9.5	94.5	0.85	76	224
47	IE4-200L-4	30	40	56.5	53.7	51.7	1480	193.58	50	2.0	2.3	9.0	94.9	0.85	76	283
48	IE4-225S-4	37	50	69.5	66.0	63.6	1485	237.95	50	2.0	2.3	9.0	95.2	0.85	78	350
49	IE4-225M-4	45	60	84.3	80.1	77.2	1485	289.39	50	2.0	2.3	9.0	95.4	0.85	78	380
50	IE4-280M-4	55	75	102	96.5	93.0	1485	353.70	50	2.0	2.3	9.0	95.7	0.86	79	440
51	IE4-280S-4	75	100	136	130	125	1485	482.32	50	2.0	2.3	8.5	96.0	0.87	80	610
52	IE4-280M-4	90	125	162	154	148	1485	578.79	50	2.0	2.3	8.5	96.1	0.88	80	693
53	IE4-315S-4	110	150	194	185	179	1485	707.41	50	1.8	2.2	8.5	96.3	0.89	88	935
54	IE4-315M-4	132	180	235	225	214	1485	848.89	50	1.8	2.2	8.5	96.4	0.89	88	1035
55	IE4-315L1-4	160	220	280	266	256	1485	1028.96	50	1.8	2.2	8.5	96.6	0.90	88	1135
56	IE4-315L2-4	200	270	349	332	320	1485	1286.20	50	1.8	2.2	8.5	96.7	0.90	88	1210
57	IE4-355M-4	220	295	384	365	352	1485	1414.81	50	1.8	2.2	8.5	96.7	0.90	92	1570
58	IE4-355M-4	250	340	436	415	400	1490	1602.35	50	1.8	2.2	8.5	96.7	0.90	92	1650
59	IE4-355L-4	315	430	550	522	504	1490	2018.96	50	1.8	2.2	8.5	96.7	0.90	92	1805
60	IE4-355L2-4	355	480	620	589	567	1490	2275.34	50	1.8	2.2	8.5	96.7	0.90	92	2015
61	IE4-71M1-6	0.18	0.25	0.50	0.56	0.54	880	1.95	50	2.0	1.9	4.0	70.1	0.66	52	6.3
62	IE4-71M2-6	0.25	0.34	0.75	0.72	0.69	880	2.71	50	2.0	1.9	4.0	74.1	0.68	52	6.3
63	IE4-80M1-6	0.37	0.5	1.0	1.0	0.94	890	3.97	50	2.0	1.9	4.7	78.0	0.70	54	22.5/12.5
64	IE4-80M2-6	0.55	0.75	1.5	1.4	1.4	890	5.90	50	2.1	1.9	4.7	80.9	0.70	54	23.5/13.5
65	IE4-90S-6	0.75	1	2.0	1.9	1.8	955	7.50	50	2.1	2.1	7.5	82.7	0.70	57	26.5/17
66	IE4-90L-6	1.1	1.5	2.8	2.7	2.6	955	11.00	50	2.1	2.1	7.5	84.5	0.70	57	32/21.5
67	IE4-100L-6	1.5	2	3.7	3.6	3.4	955	15.00	50	2.1	2.1	7.5	85.9	0.71	61	41/28
68	IE4-112M-6	2.2	3	5.4	5.1	4.9	970	21.66	50	2.1	2.1	7.5	87.4	0.71	65	51/34
69	IE4-132S-6	3	4	7.2	6.9	6.6	970	29.54	50	2.0	2.1	7.5	88.6	0.71	69	67/47
70	IE4-132M-6	4	5.5	9.4	9.0	8.6	970	39.38	50	2.0	2.1	8.0	89.5	0.72	69	76/59
71	IE4-132M-6	5.5	7.5	12.8	12.2	11.7	970	54.15	50	2.0	2.1	8.0	90.5	0.72	69	84/65
72	IE4-160M-6	7.5	10	17.1	16.2	15.7	980	73.09	50	2.0	2.1	8.0	91.3	0.73	73	128
73	IE4-160L-6	11	15	23.5	22.3	21.5	980	107.19	50	2.0	2.1	8.5	92.3	0.77	73	168
74	IE4-180L-6	15	20	30.7	29.1	28.1	980	146.17	50	2.0	2.1	8.5	92.9	0.80	73	220
75	IE4-200L1-6	18.5	25	37.6	35.7	34.4	985	179.37	50	2.0	2.1	8.5	93.4	0.80	73	268
76	IE4-200L2-6	22	30	44.0	41.8	40.3	985	213.30	50	2.0	2.1	8.5	93.7	0.81	73	290
77	IE4-225M-6	30	40	59.0	56.1	54.0	985	290.86	50	2.0	2.1	8.3	94.2	0.82	74	403
78	IE4-250M-6	37	50	71.7	68.1	65.6	990	356.92	50	2.0	2.1	8.3	94.5	0.83	76	426
79	IE4-280S-6	45	60	86.9	82.6	79.6	990	434.09	50	2.0	2.0	8.5	94.8	0.83	78	533
80	IE4-280M-6	55														