

INDUSQUIP MARKETING CC



ELECTRIC MOTORS & DRIVES

NEW IMPROVED FIGURES

Jul-08



HIGH EFF 1 - CEMEP

PERFORMANCE DATA **3000 RPM - 50 Hz (2 POLE)**

Rated Output kW	Frame IEC	Rated Speed RPM	Full Load Current at 400V in A IFL	Locked Rotor Current I/In IST/IFL	Full Load Torque Tn Nm	Locked Rotor Torque TST/TFL	Break-down Torque TM/TFL	Efficiency n %			Power Factor Cos			Noise Level dB (A) Sound Pressure Level	Allowable Time of Locked Rotor Hot/Cold s/s	App. Wt. Kg
								% of Full Load								
								50	75	100	50	75	100			
1.1	80	2830	2.27	7.9	3.71	2.2	2.3	81.4	82.9	83.2	0.69	0.81	0.84	69	9	18
1.5	90S	2840	3.00		5.04			82.8	84.0	84.9	0.74	0.82	0.85	74	8	22
2.2	90L	2840	4.28		7.40			84.8	86.0	86.3	0.75	0.85	0.86	74	10	25
3	100L	2870	5.66		9.98			84.8	86.7	86.9	0.76	0.85	0.88	78	8	32
4	112M	2890	7.35		13.3			86.8	87.7	88.2	0.78	0.85	0.89	79	11	45
5.5	132S	2910	10.0		18.7			87.0	88.9	89.1	0.78	0.85	0.89	82	10	59
7.5	132S	2900	13.4		24.7			89.1	89.6	90.0	0.79	0.85	0.90	82	8	64
11	160M	2930	19.6	35.9	89.6	90.8	91.0	0.80	0.87	0.89	88	14	109			
15	160M	2930	26.3	48.9	88.8	91.0	91.4	0.82	0.88	0.90	88	12	121			
18.5	160L	2930	31.8	8.1	60.3	2.0	2.3	91.0	91.8	92.2	0.83	0.88	0.91	88	12	136
22	180M	2940	37.4		71.5			91.8	93.1	93.2	0.82	0.88	0.91	87	11	180
30	200L	2950	51.2		97.1			91.6	92.8	93.0	0.82	0.88	0.91	94	15	246
37	200L	2950	62.8		120			92.9	93.4	93.5	0.80	0.88	0.91	94	15	256
45	225S/M	2970	75.8		145			92.7	93.9	94.2	0.84	0.88	0.91	86	17	328
55	250S/M	2970	91.6		176			93.2	94.1	94.2	0.82	0.89	0.92	87	17	433
75	250S/M	2970	124.1		241			93.6	94.4	94.8	0.83	0.88	0.92	88	14	488
90	280S/M	2970	146.9		289			93.8	94.9	95.1	0.87	0.91	0.93	88	34	632

- 1) For current ratings at 380V, multiply by 1,05 and for 525V, multiply by 0,76.
- 2) Motors are tested to standard IEC 34-12 (starting) and IEC 34-1/34-2/24-2A (running).
- 3) The values shown are subject to change without prior notice.
- 4) For data and guaranteed performance values contact our sales office.
- 5) For sizes not listed please contact our sales office.



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HIGH EFF 1 - CEMEP

PERFORMANCE DATA **1500 RPM - 50 Hz (4 POLE)**

Rated Output kW	Frame IEC	Rated Speed RPM	Full Load Current at 400V in A IFL	Locked Rotor Current I/In IST/IFL	Full Load Torque Tn Nm	Locked Rotor Torque TST/TFL	Break-down Torque TM/TFL	Efficiency n %			Power Factor Cos			Noise Level dB (A) Sound Pressure Level	Allowable Time of Locked Rotor Hot/Cold s/s	App. Wt. Kg
								% of Full Load								
								50	75	100	50	75	100			
1.1	90S	1400	2.36	6.5	7.50	2.3	2.3	83.1	83.6	84.0	0.72	0.77	0.80	66	7	23
1.5	90L	1400	3.17		10.23			83.2	84.9	85.4	0.73	0.77	0.80	66	14	26
2.2	100L	1430	4.52	7.5	14.69	2.3	2.3	84.6	86.4	86.7	0.75	0.79	0.81	63	9	34
3	100L	1430	6.02		20.03			84.4	86.8	87.7	0.76	0.80	0.82	69	7	37
4	112M	1440	7.86		26.53			87.2	88.1	88.5	0.65	0.79	0.83	70	11	45
5.5	132S	1440	9.97		36.47			88.1	89.0	89.5	0.70	0.81	0.89	68	12	65
7.5	132M	1440	13.3		49.74			88.2	89.8	90.2	0.72	0.85	0.90	69	8	78
11	160M	1460	19.3	71.95	8.9	2.2	2.3	90.3	91.0	91.2	0.72	0.85	0.90	75	15	118
15	160L	1460	26.2	98.12				90.6	91.6	91.9	0.75	0.85	0.90	72	15	138
18.5	180M	1470	32.5	119.4	7.9	2.2	2.2	91.0	92.1	92.2	0.78	0.85	0.89	74	12	177
22	180L	1471	38.0	142.9				92.1	92.6	92.8	0.79	0.85	0.90	78	12	203
30	200L	1470	51.3	194.9				92.5	93.6	93.7	0.79	0.85	0.90	79	15	243
37	225S/M	1480	64.0	238.75				92.7	93.7	93.8	0.80	0.85	0.89	78	15	305
45	225S/M	1480	76.8	290.37				92.7	93.7	93.8	0.80	0.87	0.90	82	18	328
55	250S/M	1482	92.3	354.5	7.9	2.2	2.2	94.1	94.5	94.5	0.81	0.88	0.91	82	20	452
75	250S/M	1480	124.0	483.95				94.2	94.5	94.9	0.82	0.88	0.92	81	12	488
90	280S/M	1490	151.5	576.9				94.5	95.1	95.3	0.83	0.89	0.90	83	18	672

- 1) For current ratings at 380V, multiply by 1,05 and for 525V, multiply by 0,76.
- 2) Motors are tested to standard IEC 34-12 (starting) and IEC 34-1/34-2/24-2A (running).
- 3) The values shown are subject to change without prior notice.
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