

## Single Phase Motor - Electrical Characteristics

### Frame Selection Chart

KW/ HP	CS &R	CSIR	CSCR
0.18 / 0.25	71	80	71
0.37 / 0.50	71	80	80
0.75 / 1.00	90 L	100L	90 L
1.10 / 1.50	90 L	100L	100L
1.50 / 2.0	100L	112M	100L
2.2 / 3.0			112M
3.0 / 4.0			112M

### CSIR -1440RPM

KW/HP	Frame	FL Current	Efficiency%	Power Factor	Breakaway Starting Torque%	Pullout Torque%
0.18/ 0.25	80	2.5	56	0.6	210	250
0.37/ 0.50	80	4.5	60	0.7	210	260
0.75/ 1.00	100L	7.5	65	0.8	220	260
1.10/1.50	100L	10.5	70	0.8	220	250
1.50/2.0	112M	15.0	75	0.8	220	250

### CSIR -2880RPM

KW/HP	Frame	FL Current	Efficiency%	Power Factor	Breakaway Starting Torque%	Pullout Torque%
0.18/ 0.25	80	2.5	56	0.6	180	210
0.37/ 0.50	80	4.4	60	0.6	210	230
0.75/ 1.00	100L	7.0	62	0.7	210	230
1.10/1.50	100L	10.0	64	0.7	210	230
1.50/2.0	112M	15.0	70	0.7	220	240