

## MOTOR DATA

The charts below show the approximate details of full load speed, full load and starting current of motors used by Central Fans-Colasit Ltd.

### Performance Data – Three Phase

**Type** Caged Rotor  
**Enclosure** TEFC IP55  
**Rating** Maximum Continuous  
**Supply** 400/3/50  
**Insulation** F

#### Note

Motors 0.37kW – 4.0kW dual voltage 240/400/3/50

Motor Power (kW)	Full Load Speed (rpm)	F.L.C (Amps)	S.C (Amps)	Starting Method
0.37	1410	1.1	4.4	DOL
0.37	2815	0.86	3.6	DOL
0.55	1410	1.55	6.2	DOL
0.55	2820	1.2	6.0	DOL
0.75	1400	2.0	8.5	DOL
0.75	2850	1.75	10.5	DOL
1.1	1410	3.0	15.0	DOL
1.1	2870	2.5	15.6	DOL
1.5	1420	3.7	20.3	DOL
1.5	2870	3.2	20.0	DOL
2.2	1415	4.8	26.4	DOL
2.2	2850	4.4	27.5	DOL
3.0	1415	6.4	37.1	DOL
3.0	2875	5.5	41.2	DOL
4.0	1440	8.4	58.8	DOL
4.0	2870	7.0	54.6	DOL
5.5	1450	11.0	24.2	Star-delta
5.5	2900	9.8	23.5	Star-delta
7.5	1450	14.7	32.0	Star-delta
7.5	2900	13.3	33.2	Star-delta
11.0	1470	21.0	52.5	Star-delta
11.0	2935	19.2	51.8	Star-delta
15.0	1470	28.0	64.4	Star-delta
15.0	2935	26.0	70.2	Star-delta
18.5	1470	34.0	74.8	Star-delta
22.0	1470	41.0	90.2	Star-delta
30.0	1465	53.0	111.0	Star-delta
37.0	1470	68.0	142.8	Star-delta
45.0	1470	82.0	188.6	Star-delta
55.0	1470	100.0	230.0	Star-delta
75.0	1475	133.0	279.3	Star-delta

### Performance Data – Single Phase

**Type** Caged Rotor  
**Enclosure** TEFC IP55  
**Rating** Maximum Continuous  
**Supply** 220/240/1/50  
**Insulation** F

Motor Power (kW)	Full Load Speed (rpm)	F.L.C (Amps)	S.C (Amps)	Starting Method
0.37	1370	2.57	11.8	DOL
0.37	2850	3.15	14.9	DOL
0.55	1420	5.85	21.9	DOL
0.55	2830	3.3	16.5	DOL
0.75	1420	4.8	21.3	DOL
0.75	2800	6.2	26.3	DOL
1.1	1430	6.4	36.8	DOL
1.1	2820	6.9	29.3	DOL
1.5	1430	9.5	52.2	DOL
1.5	2850	10.0	70.0	DOL
2.2	1440	14.4	77.0	DOL
2.2	2870	14.0	74.9	DOL
3.0	1420	19.2	105.6	DOL
3.0	2880	18.7	108.4	DOL
4.0	1445	24.0	132.0	DOL
4.0	2920	23.0	161.0	DOL
5.5	1450	32.0	176.0	DOL