

MOTOR ELECTRICAL DATA

60 HERTZ MOTOR DATA

THREE PHASE, 3500 & 1750, 60 HZ, 200/230/460/575 VOLTS

HP	RPM	ODP FRAME	ODP SERVICE FACTOR	TE+ EXP. PRF. FRAMES	TE & EXP SERVICE FACTOR	TYP. MAG. STARTER † SIZE REQ'D. NEMA 1			ODP APPROX F.L. AMPS*				TEFC & EXP APPROX F. L. AMPS*			
						200	230	450/575	200	230	460	575	200	230	460	575
1/3	3500	48	1.15	48	1.0	00	00	00	2.2	1.9	.95	.76	1.9	1.7	.85	.68
	1750	56	1.15	56	1.0				1.8	1.6	.80	.64	1.7	1.5	.75	.60
1/2	3500	48	1.15	56	1.0	00	00	00	2.3	2.0	1.0	.80	2.3	2.0	1.0	.80
	1750	56	1.15	56	1.0				2.5	2.2	1.1	.88	2.5	2.2	1.1	.88
3/4	3500	56	1.15	56	1.0	00	00	00	3.0	2.6	1.3	1.0	3.0	2.6	1.3	1.0
	1750	56	1.15	56	1.0				3.2	2.8	1.4	1.1	3.2	2.8	1.4	1.1
1	3500	56	1.15	56	1.0	00	00	00	3.7	3.2	1.6	1.3	3.5	3.0	1.5	1.3
	1750	143T	1.15	143T	1.0				4.1	3.5	1.8	1.4	8.7	3.2	1.6	1.3
1-1/2	3500	143T	1.15	143T	1.0	0	0	00	4.6	4.2	2.1	1.7	5.3	4.6	2.3	1.8
	1750	145T	1.15	145T	1.0				5.7	5.0	2.5	2.0	5.7	5.0	2.5	2.0
2	3500	145T	1.15	145T	1.0	0	0	00	6.2	5.4	2.7	2.2	6.7	5.8	2.9	2.3
	1750	145T	1.15	145T	1.0				7.6	6.6	3.3	2.6	6.9	6.0	3.0	2.4
3	3500	145T	1.15	182T	1.0	0	0	0	7.0	7.8	3.9	3.1	8.3	7.2	3.6	2.9
	1750	182T	1.15	182T	1.0				10.1	8.8	4.4	3.5	9.9	8.6	4.3	3.4
5	3500	182T	1.15	184T	1.0	1	1	0	15.4	13.3	6.7	5.4	14.7	12.8	6.4	5.1
	1750	184T	1.15	184T	1.0				15.6	13.6	6.8	5.5	15.9	13.8	6.9	5.5
7-1/2	3500	184T	1.15	213T	1.0	1	1	1	21.8	19.0	9.5	7.6	21.2	18.4	9.2	7.4
	1750	213T	1.15	213T	1.0				23.7	20.5	10.3	8.2	22.1	19.2	9.6	7.7
10	3500	213T	1.15	215T	1.0	2	2	1	28.8	25.0	12.5	10.0	28.1	24.4	12.2	9.8
	1750	215T	1.15	215T	1.0				30.6	26.5	13.3	10.6	31.3	27.2	13.6	10.9
15	3500	215T	1.15	254T	1.0	3	2	2	42.1	36.5	18.3	14.6	42.8	37.2	18.6	14.9
	1750	254T	1.15	254T	1.0				46.0	40.0	20.0	16.0	45.1	39.2	19.6	15.7
20	3500	254T	1.15	256T	1.0	3	3	2	57.5	50.0	25.0	20.0	57.3	49.8	27.1	19.9
	1750	256T	1.15	256T	1.0				61.6	53.5	26.8	21.4	57.0	49.6	25.8	19.8
25	3500	256T	1.15	284TS	1.0	3	3	2	69.7	60.5	30.3	24.2	67.8	59.0	29.5	23.6
	1750	284T	1.15	284T	1.0				73.6	64.0	32.0	25.6	67.4	58.5	29.3	23.4
30	3500	284TS	1.15	286TS	1.0	4	3	3	83.5	72.5	36.3	29.0	80.0	69.5	34.8	27.8
	1750	286T	1.15	286T	1.0				89.2	77.5	38.8	31.0	83.9	73.0	36.5	29.2
40	3500	286TS	1.15	324TS	1.0	4	4	3	109.9	95.6	47.8	38.2	110.4	96.0	48.0	38.4
	1750	324T	1.15	324T	1.0				119.4	103.8	51.9	41.5	109.3	95.0	47.5	38.0
50	3500	324TS	1.15	326TS	1.0	5	4	3	140.5	122.2	61.1	48.9	135.7	118.0	59.0	47.2
	1750	326T	1.15	326T	1.0				137.1	119.2	59.6	47.7	131.1	114.0	57.0	45.6
60	3500	326TS	1.15	365TS	1.0	5	5	4	162.6	141.4	70.7	56.6	158.7	138.0	70.7	55.2
	1750	364T	1.15	364T	1.0				172.3	149.8	74.9	59.9	163.3	142.0	74.9	56.8
75	3500	364TS	1.15	365TS	1.0	5	5	4	205.6	178.8	89.4	71.5	197.8	172.0	86.0	68.8
	1750	365T	1.15	365T	1.0				207.0	180.0	90.0	72.0	205.4	178.5	89.3	71.4
100	3500	365TS	1.15	405TS	1.0	6	5	4	262.2	228.0	114.0	91.2	259.9	226.0	113.0	90.4
	1750	404T	1.15	405T	1.0				280.6	244.0	122.0	97.6	270.9	235.5	117.8	94.2
125	1750	405T	1.15	444TS••	1.0	6	6	5	340.4	296.0	148.0	118.4	335.8	292.0	146.0	116.8
150	1750	444TS	1.15	445TS••	1.0	6	6	5	411.7	358.0	179.0	143.2	395.6	344.0	172.0	137.6
200	1750	445TS	1.15	447TS••	1.0	—	6	5	538.2	468.0	234.0	187.2	512.9	446.0	223.0	178.4

- † Typical starter size based on ODP motors. Size may vary by vendor.
- Approximate full load amps based on standard motors.
- Non NEMA frame size. Consult factory if supplying a replacement motor.