

Quick Reference Card

Standard Motor Specifications

HorsePower @ 1750 RPM	Frame	Shaft	Key	F.L. Amps* @ 230V
1/4	56C			-
1/3	56C			-
1/2	56C	5/8	3/16	2.2
3/4	56C			3.2
1	143T			4.2
1 1/2	145T	7/8		6.0
2	145T			6.8
3	182T	1 1/8	1/4	9.6
5	184T			15.2
7 1/2	213T	1 3/8	5/16	22.0
10	215T			28.0
15	254T	1 5/8	3/8	42.0
20	256T			54.0
25	284T	1 7/8	1/2	68.0
30	286T			80.0
40	324T	2 1/8		104.0
50	326T			130.0

* Guide based on NEC tables these values can vary based on manufacturer, check nameplate for actual values

Shaft Diameter

Min	Max	Key Width	Setscrew*
1/2	9/16	1/8	#10-24
5/8	7/8	3/16	1/4
15/16	1 1/4	1/4	5/16
1 5/16	1 3/8	5/16	5/16
1 7/16	1 3/4	3/8	3/8
1 13/16	2 1/4	1/2	1/2
2 5/16	2 3/4	5/8	5/8
2 13/16	3 1/4	3/4	3/4
3 5/16	3 3/4	7/8	3/4
3 13/16	4 1/2	1	3/4
4 9/16	5 1/2	1 1/4	3/4
5 9/16	6 1/2	1 1/2	1
6 9/16	7 1/2	1 3/4	1
7 9/16	8 15/16	2	1
9	10 15/16	2 1/2	1

* May Vary by Manufacture as hub dimensions require

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Decimal Equivalent Chart

FRACTIONAL INCHES AND MILLIMETERS				DECIMAL EQUIVALENTS OF MILLIMETERS									
FRACTIONAL - DECIMAL - MILLIMETERS				FRACTIONAL - DECIMAL - MILLIMETERS			MM - INCHES	MM - INCHES	MM - INCHES				
16th	32nd	64th		16th	32nd	64th							
	1/64	0.015625	0.3969				0.51181 13	25	0.98425	63	2.48031	105	4.133858
	1/32	0.03125	0.7938		33/64	0.515625	13.0969			64	2.51969	110	4.330709
		0.03937	1		17/32	0.53125	13.4938	26	1.02362	65	2.55906	115	4.527559
	3/64	0.046875	1.1906		35/64	0.546875	13.8906	27	1.06299			120	4.724409
	1/16	0.0625	1.5875			0.55118 14		28	1.10236	66	2.59843	125	4.921260
	5/64	0.078125	1.9844		9/16	0.5625	14.2875	29	1.14173	67	2.6378	130	5.118110
		0.07874	2		37/64	0.578125	14.6844	30	1.1811	68	2.67717	135	5.314961
	3/32	0.09375	2.3813			0.59055 15		31	1.22047	69	2.71654	140	5.518111
	7/64	0.109375	2.7781		19/32	0.59375	15.0813	32	1.25984	70	2.75591	145	5.708661
		0.11811	3		39/64	0.609375	15.4781			150	5.905512		
	1/8	0.125	3.175		5/8	0.625	15.875	33	1.29921	71	2.79528	155	6.102362
	9/64	0.140625	3.5719			0.62992 16		34	1.33858	72	2.83465	160	6.299213
	5/32	0.15625	3.9688		41/64	0.640625	16.2719	35	1.37795	73	2.87402	165	6.496603
		0.15748	4		21/32	0.65625	16.6688			74	2.91339	170	6.692913
	11/64	0.171875	4.3656			0.66929 17		36	1.41732	75	2.95276	175	6.889764
	3/16	0.1875	4.7625		43/64	0.671875	17.0656	37	1.45669			180	7.086614
		0.19685	5		11/16	0.6875	17.4625	38	1.49606	76	2.99213	185	7.283465
	13/64	0.203125	5.1594		45/64	0.703125	17.8594	39	1.53543	77	3.0315	190	7.480315
	7/32	0.21875	5.5563			0.70866 18		40	1.5748	78	3.07087	195	7.677165
	15/64	0.234375	5.9531		23/32	0.71875	18.2563			79	3.11024	200	7.874016
		0.23622	6		47/64	0.734375	18.6531	41	1.61417	80	3.14961	205	8.070866
	1/4	0.250	6.35			0.74803 19		42	1.65354	210	8.267717		
	17/64	0.265625	6.7469		3/4	0.750	19.05	43	1.69291	81	3.18988	215	8.464567
		0.27559	7		49/64	0.765625	19.4469	44	1.73228	82	3.22835	220	8.661417
	9/32	0.28125	7.1438		25/32	0.78125	19.8438	45	1.77165	83	3.26772	225	8.858268
	19/64	0.296875	7.5406			0.7874 20				84	3.30709	230	9.055118
	5/16	0.3125	7.9375		51/64	0.796875	20.2406	46	1.81102	85	3.34646	235	9.251969
		0.31496	8		13/16	0.8125	20.6375	47	1.85039			240	9.448819
	21/64	0.328125	8.3344			0.82677 21		48	1.88976	86	3.38583	245	9.645669
	11/32	0.34375	8.7313		53/64	0.828125	21.0344	49	1.92913	87	3.4252	250	9.842520
		0.35433	9		27/32	0.84375	21.4313	50	1.9685	88	3.46457	255	10.039370
	23/64	0.359375	9.1281		55/64	0.859375	21.8281			89	3.50394	260	10.236220
	3/8	0.375	9.525			0.86614 22		51	2.00787	90	3.54331	265	10.433071
	25/64	0.390625	9.9219		7/8	0.875	22.225	52	2.04724			270	10.629921
		0.3937	10		57/64	0.890625	22.6219	53	2.08661	91	3.58268	275	10.826772
	13/32	0.40625	10.3188			0.90551 23		54	2.12598	92	3.62205	280	11.023622
	27/64	0.421875	10.7156		29/32	0.90625	23.0188	55	2.16535	93	3.66142	285	11.220472
		0.43307	11		59/64	0.921875	23.4156			94	3.70079	290	11.417323
	7/16	0.4375	11.1125		15/16	0.9375	23.8125	56	2.20472	95	3.74016	295	11.614173
	29/64	0.453125	11.5094			0.94488 24		57	2.24409			300	11.811024
	15/32	0.46875	11.9063		61/64	0.953125	24.2094	58	2.28346	96	3.77953	305	12.007874
		0.47244	12		31/32	0.96875	24.6063	59	2.32283	97	3.8189	310	12.204724
	31/64	0.484375	12.3031			0.98425 25		60	2.3622	98	3.85827	315	12.401575
	1/2	0.500	12.7		63/64	0.984375	25.0031			99	3.89764	320	12.598425
					1	1.000	25.4	61	2.40157	100	3.93701	325	12.795276
								62	2.44094				