

# 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			22.0
10	215T	1 3/8	5/16	28.0
15	254T			42.0
20	256T	1 5/8	3/8	54.0
25	284T			68.0
30	286T	1 7/8	1/2	80.0
40	324T			104.0
50	326T	2 1/8		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

# Quick Reference Card

## Decimal Equivalent Chart

FRACTIONAL INCHES AND MILLIMETERS						DECIMAL EQUIVALENTS OF MILLIMETERS						
FRACTIONAL - DECIMAL - MILLIMETERS			FRACTIONAL - DECIMAL - MILLIMETERS			MM - INCHES	MM - INCHES	MM - INCHES	MM - INCHES	MM - INCHES		
16th	32nd	64th	16th	32nd	64th							
	1/64	0.015625	0.3969			<b>25</b>	<b>0.98425</b>	63	2.48031	105	4.133858	
	1/32	0.03125	0.7938		33/64	0.515625	13.0969	64	2.51969	110	4.330709	
		<b>0.03937</b>	<b>1</b>		17/32	0.53125	13.4938	26	1.02362	<b>65</b>	<b>2.55906</b>	
	3/64	0.046875	1.1906		35/64	0.546875	13.8906	27	1.06299		120	4.724409
<b>1/16</b>		<b>0.0625</b>	1.5875			<b>0.55118</b>	<b>14</b>	28	1.10236	66	2.59843	
	5/64	0.078125	1.9844		<b>9/16</b>	<b>0.5625</b>	14.2875	29	1.14173	67	2.6378	
		<b>0.07874</b>	<b>2</b>		37/64	0.578125	14.6844	<b>30</b>	<b>1.1811</b>	68	2.67717	
	3/32	0.09375	2.3813			<b>0.59055</b>	<b>15</b>	31	1.22047	69	2.71654	
	7/64	0.109375	2.7781		19/32	0.59375	15.0813	32	1.25984	<b>70</b>	<b>2.75591</b>	
		<b>0.11811</b>	<b>3</b>		39/64	0.609375	15.4781	33	1.29921	71	2.79528	
<b>1/8</b>		<b>0.125</b>	3.175		<b>5/8</b>	<b>0.625</b>	15.875	34	1.33858	72	2.83465	
	9/64	0.140625	3.5719			<b>0.62992</b>	<b>16</b>	35	<b>1.37795</b>	73	2.87402	
	5/32	0.15625	3.9688		41/64	0.640625	16.2719	36	1.41732	74	2.91339	
		<b>0.15748</b>	<b>4</b>		21/32	0.65625	16.6688	37	1.45669	<b>75</b>	<b>2.95276</b>	
	11/64	0.171875	4.3656			<b>0.66929</b>	<b>17</b>	38	1.49606	76	2.99213	
<b>3/16</b>		<b>0.1875</b>	4.7625		43/64	0.671875	17.0656	39	1.53543	77	3.0315	
		<b>0.19685</b>	<b>5</b>		<b>11/16</b>	<b>0.6875</b>	17.4625	40	<b>1.5748</b>	78	3.07087	
	13/64	0.203125	5.1594		45/64	0.703125	17.8594	41	1.61417	79	3.11024	
	7/32	0.21875	5.5563			<b>0.70866</b>	<b>18</b>	42	1.65354	80	<b>3.14961</b>	
	15/64	0.234375	5.9531		23/32	0.71875	18.2563	43	1.69291	81	3.18898	
		<b>0.23622</b>	<b>6</b>		47/64	0.734375	18.6531	44	1.73228	82	3.22835	
<b>1/4</b>		<b>0.250</b>	6.35			<b>0.74803</b>	<b>19</b>	45	<b>1.77165</b>	83	3.26772	
	17/64	0.265625	6.7469		<b>3/4</b>	<b>0.750</b>	19.05	46	1.81102	84	3.30709	
		<b>0.27559</b>	<b>7</b>		49/64	0.765625	19.4469	47	1.85039	<b>85</b>	<b>3.34646</b>	
	9/32	0.28125	7.1438		25/32	0.78125	19.8438	48	1.88976	86	3.38583	
	19/64	0.296875	7.5406			<b>0.7874</b>	<b>20</b>	49	1.92913	87	3.4252	
<b>5/16</b>		<b>0.3125</b>	7.9375		51/64	0.796875	20.2406	50	<b>1.9685</b>	88	3.46457	
		<b>0.31496</b>	<b>8</b>		<b>13/16</b>	<b>0.8125</b>	20.6375	51	2.00787	89	3.50394	
	21/64	0.328125	8.3344			<b>0.82677</b>	<b>21</b>	52	2.04724	90	<b>3.54331</b>	
	11/32	0.34375	8.7313		53/64	0.828125	21.0344	53	2.08661	91	3.58268	
		<b>0.35433</b>	<b>9</b>		27/32	0.84375	21.4313	54	2.12598	92	3.62205	
	23/64	0.359375	9.1281		55/64	0.859375	21.8281	55	<b>2.16535</b>	93	3.66142	
<b>3/8</b>		<b>0.375</b>	9.525			<b>0.86614</b>	<b>22</b>	56	2.20472	94	3.70079	
	25/64	0.390625	9.9219		<b>7/8</b>	<b>0.875</b>	22.225	57	2.24409	95	<b>3.74016</b>	
		<b>0.3937</b>	<b>10</b>		57/64	0.890625	22.6219	58	2.28346	96	3.77953	
	13/32	0.40625	10.3188			<b>0.90551</b>	<b>23</b>	59	2.32283	97	3.8189	
	27/64	0.421875	10.7156		29/32	0.90625	23.0188	60	<b>2.3622</b>	98	3.85827	
		<b>0.43307</b>	<b>11</b>		59/64	0.921875	23.4156	61	2.40157	99	3.89764	
<b>7/16</b>		<b>0.4375</b>	11.1125		<b>15/16</b>	<b>0.9375</b>	23.8125	62	2.44094	<b>100</b>	<b>3.93701</b>	
	29/64	0.453125	11.5094			<b>0.94488</b>	<b>24</b>					
	15/32	0.46875	11.9063		61/64	0.953125	24.2094					
		<b>0.47244</b>	<b>12</b>		31/32	0.96875	24.6063					
	31/64	0.484375	12.3031			<b>0.98425</b>	<b>25</b>					
<b>1/2</b>		<b>0.500</b>	12.7		63/64	0.984375	25.0031					
					<b>1</b>	<b>1.000</b>	25.4					