



No. 35JF93



No. 6AHZ5



3-Phase Totally Enclosed Fan-Cooled Rigid Base Motors

- Rotation: CW/CCW
- Thermal protection: none
- 230/460V; 125 HP and above are 460V
- Service factor: 1.15 for Rolled Steel and Cast-Iron 125 HP and up; 1.25 for Cast-Iron to 100 HP and Premium
- Insulation: Class F motors have Class B temperature rise for longer life
- Inverter rated
- Bearings: ball, regreasable on 254T frame and above
- Max. ambient temp.: 40°C
- Usable at 208V
- 125 HP and above are part-winding start
- Warranty: 56 frame 1½ yr., 140T and above 3 yr.

Corrosion-resistant finish. V-ring slingers on both endshields block debris from entering bearing cavity. Automatic pressure-compensated drain plugs. Gasketed conduit boxes are threaded for easier installation. Stainless steel, laser-etched nameplate maintains information over long life. Not for cooling tower applications. Suitable for dusty, dirty, nonhazardous applications with pumps, ventilation equipment, machine tools, and other industrial equipment. Motors meet IP55 enclosure ratings and can be operated in moist to wet environments. Cast-iron models offer 50 Hz operation on 190/380V at rated HP and 5/6 of 60 Hz rpm. Severe-duty rated. Rolled Steel Frames are UL Recognized and CSA Certified; Cast-Iron Frames are UL Recognized, CSA and CE Certified.

HP	Nameplate RPM	Frame	Full Load Amps	Nom. Efficiency	Overall Length	Item No.
Rolled Steel Frame						
¼	3475	56	1.0-0.91/0.45	57.5%	11½"	35JF93
	1765	56	1.1-1.0/0.52	70.0%	11½"	35JF94
⅓	3485	56	1.3-1.2/0.60	62.0%	11½"	35JF95
	1765	56	1.3-1.2/0.62	74.0%	11½"	35JF96
½	1160	56	2.1-1.9/0.99	72.0%	12½"	35JF88
	3475	56	2.5-2.2/1.1	72.0%	11½"	35JF89
¾	1155	56	2.9-2.6/1.3	75.5%	12½"	35JF91
	3435	56	3.0/1.5	78.5%	11½"	52XR33
Cast-Iron Frame						
1	3485	143T	2.7/1.3	84.0%	12½"	39J093
	1760	143T	2.8/1.4	85.5%	12½"	6AHZ7
	1150	145T	3.4/1.7	82.5%	13½"	6AHZ6
	875	182T	4.6/2.3	78.5%	14½"	6AHZ5
	3490	143T	3.8/1.9	84.0%	12½"	6AHZ9
1½	3485	143T	3.9/1.9	86.5%	12½"	39J095
	1760	145T	3.9/1.9	88.5%	14½"	39J096
	1755	145T	4.0/2.0	86.5%	13½"	6AJA0
	1165	182T	4.7/2.4	87.5%	14½"	6AHZ8
	860	182/4T	5.4/2.7	82.5%	15½"	6AJA1
2	3490	145T	5.1/2.6	87.5%	13½"	39J097
	3480	145T	5.0/2.5	85.5%	13½"	6AJA5
	1760	145T	5.3/2.6	88.5%	14½"	39J098
	1750	145T	5.2/2.6	86.5%	13½"	6AJA4
	1165	184T	6.4/3.2	88.5%	15½"	6AJA3
3	870	213T	6.7/3.4	85.5%	18"	6AJA2
	3520	182T	7.3/3.6	88.5%	14½"	39J099
	3510	182T	7.2/3.6	86.5%	14½"	6AJA9
	1765	182T	7.5/3.8	91.0%	16"	39J101
	1760	182T	7.7/3.8	89.5%	14½"	6AJA8
5	1175	213T	8.6/4.3	90.2%	19½"	39J102
	1170	213T	8.8/4.4	89.5%	18"	6AJA7
	865	215T	9.1/4.5	85.5%	19½"	6AJA6
	3505	184T	12.0/6.0	90.2%	15½"	39J103
	3500	184T	11.8/5.9	88.5%	15½"	6AJC3
7½	1755	184T	12.9/6.4	89.5%	15½"	6AJC2
	1755	184T	12.8/6.4	91.0%	17"	39J104
	1170	215T	13.6/6.8	91.0%	20½"	39J105
	1160	215T	13.7/6.8	89.5%	19½"	6AJC1
	880	254T	15.2/7.5	87.5%	23¼"	6AJC0
10	3530	213T	17.6/8.8	91.0%	18"	39J106
	3520	213T	17.5/8.7	89.5%	18"	6AJC6
	1765	213T	18.0/9.0	91.7%	18"	6AJC5
	1175	254T	19.0/9.4	91.0%	23¼"	6AJC4
	1175	254T	18.9/9.5	92.4%	23¼"	39J108
15	3535	215T	23.0/11.5	91.7%	19½"	39J109
	3515	215T	23.2/11.6	90.2%	19½"	6AJC9
	1765	215T	24.0/12.0	93.0%	20½"	39J110
	1760	215T	24.8/12.4	91.7%	19½"	6AJC8
	1180	256T	25.4/12.7	92.4%	25"	39J111
20	1175	256T	25.8/12.9	91.0%	25"	6AJC7
	3545	254T	34.8/17.4	92.4%	23¼"	39J112
	3530	254T	34.4/17.2	91.0%	23¼"	6AJD2
	1775	254T	35.6/17.8	93.6%	23¼"	39J113
	1765	254/6T	36.0/18.0	92.4%	23¼"	6AJD1
25	1180	284T	36.2/18.1	93.0%	26½"	39J114
	1175	284T	35.8/17.9	91.7%	26½"	6AJD0
	3545	256T	46.0/23.0	93.0%	25"	39J115
	3520	256T	46.4/23.2	91.0%	24½"	6AJD5
	1770	256T	49.4/24.7	94.1%	25"	39J116
30	1765	256T	48.8/24.4	93.0%	24½"	6AJD4
	1180	286T	48.8/24.4	93.0%	27½"	39J117
	1175	286T	8.4/24.2	91.7%	27½"	6AJD3

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25	3550	284TS	57.0/28.5	93.6%	25"	39J118
	3535	284TS	57.0/28.5	91.7%	25¼"	6AJD8
	1775	284T	60.6/30.3	94.5%	26½"	39J119
	1765	284T	59.0/29.5	93.6%	26¼"	6AJD7
	1185	324T	61.6/30.8	94.1%	29½"	39J120
30	1180	324T	60.8/30.4	93.0%	29½"	6AJD6
	3550	286TS	67.0/33.5	93.6%	26½"	39J121
	3535	286TS	67.6/33.8	91.7%	26¾"	6AJE1
	1775	286T	71.2/35.6	94.5%	27½"	39J122
	1765	286T	70.2/35.1	93.6%	27¼"	6AJD9
40	1185	326T	73.4/36.7	94.1%	31½"	39J123
	1180	326T	71.6/35.8	93.0%	31½"	6AJD9
	3565	324TS	93.0/46.5	94.1%	28½"	39J124
	3555	324TS	91.6/45.8	92.4%	28½"	6AJE4
	1780	324T	97.8/48.9	95.0%	29½"	39J125
50	1775	324T	96.4/48.2	94.1%	29½"	6AJE3
	1185	364/5T	97.8/48.9	95.0%	34¼"	39J126
	1180	364/5T	93.0/46.5	94.1%	34¼"	6AJE2
	3570	326TS	114.0/57.1	94.5%	29½"	39J127
	3550	326TS	112.0/56.1	93.0%	29½"	6AJE7
60	1780	326T	120.0/60.1	95.4%	31½"	39J128
	1775	326T	118.0/59.2	94.5%	31½"	6AJE6
	1185	364/5T	121.0/60.3	95.0%	34¼"	39J129
	1180	364/5T	115.0/57.4	94.1%	34¼"	6AJE5
	3570	364/5TS	134.0/66.8	95.0%	32¼"	39J130
75	3560	364/5TS	134.0/67.0	93.6%	32¼"	6AJF0
	1780	364/5T	140.0/70.2	95.8%	34¼"	39J131
	1775	364/5T	137.0/68.3	95.0%	34¼"	6AJE9
	1185	404/5T	144.0/72.2	95.4%	39¾"	39J132
	1180	404/5T	139.0/69.5	94.5%	39¾"	6AJE8
100	3570	364/5TS	165.0/82.6	95.0%	32¼"	39J133
	3555	364/5TS	164.0/81.9	93.6%	32¼"	6AJF3
	1780	364/5T	174.0/86.8	95.8%	34¼"	39J134
	1775	364/5T	168.0/84.1	95.4%	34¼"	6AJF2
	1190	404/5T	179.0/89.3	95.4%	39¾"	39J135
125	1180	404/5T	170.0/84.9	94.5%	39¾"	6AJF1
	3570	404/5TS	222.0/111.0	95.4%	36¾"	39J136
	3555	404/5TS	220.0/110.0	94.1%	36¾"	6AJF6
	1780	404/5T	232.0/116.0	96.2%	39¾"	39J137
	1775	404/5T	222.0/111.0	95.4%	39¾"	6AJF5
150	1190	444/5T	248.0/124.0	95.8%	45"	39J138
	1185	444/5T	242.0/121.0	95.0%	45"	6AJF4
	3580	444/5TS	136.0	95.8%	41¼"	39J139
	3570	444/5TS	134.0	95.0%	41¼"	6AJF9
	1785	444/5T	144.0	96.2%	45"	39J140
200	1780	444/5T	139.0	95.4%	45"	6AJF8
	1190	444/5T	152.0	95.8%	45"	39J141
	1185	444/5T	143.0	95.0%	44¼"	6AJF7
	3580	444/5TS	163.0	96.2%	41¼"	39J142
	3570	444/5TS	161.0	95.0%	41¼"	6AJF4
250	1785	444/5T	170.0	96.5%	45"	39J143
	1190	447/9T	179.0	96.2%	56½"	39J144
	3575	445/7TS	217.0	96.2%	45"	39J145
	3570	445/7TS	219.0	95.4%	44¼"	6AJG3
	1785	447/9T	234.0	96.8%	56½"	39J146
300	1780	445/7T	230.0	96.2%	48¾"	6AJG2
	1190	447/9T	245.0	96.2%	56½"	39J147
	3575	445/7TS	267.0	96.5%	45"	39J148
350	1785	447/9T	286.0	96.8%	56½"	39J149