




**Product Features**

List Price : \$ 12,237

[Contact Sales Office](#)

<b>Catalog No</b> 170031.60	<b>Model</b> C365T17FB4E
<b>Product type</b> AC MOTOR	<b>Stock</b> Stock
<b>Description</b> ..75HP..1785RPM.365T.TEFC.208-230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID.C365T17FB4E.....WATTS AVER.NOT.....	

Information shown is for current motor's design

[View Outline](#) | [View Connection](#)

**Engineering Data**

Volts <b>208-230</b>	Volts <b>460</b>	Volts <b>190/380</b>
F.L. Amps <b>187-171</b>	F.L. Amps <b>85.5</b>	F.L. Amps <b>166/83</b>
S. F Amps <b>196</b>	S. F Amps <b>98</b>	S. F Amps <b>190/95</b>
<b>RPM 1800</b>	Hertz <b>60/50</b>	
<b>HP 75</b>	Duty <b>CONTINUOUS</b>	<b>TYPE TF</b>
<b>KW 56</b>		
Frame <b>365T</b>	Serv. Factor <b>1.15</b>	Phase <b>3</b>
Max Amb <b>40</b>	Design <b>B</b>	Code <b>G</b>
Insul Class <b>F</b>	Protection <b>NOT</b>	Therm.Prot.
Eff 100% <b>95.8</b>	Eff 75%	<b>PF 85.5</b>
<b>UL Yes</b>	<b>CSA Yes</b>	Bearing OPE <b>6313</b>
CC Number <b>CC005A</b>	<b>CE Yes</b>	Bearing PE <b>6313</b>
Load Type	Inverter Type	Speed Range <b>NONE</b>
Motor Wt. <b>1028 LB</b>	Enclosure <b>TEFC</b>	Lubrication <b>STANDARD</b>
Nameplate <b>93458-E-LN-FHKLR-A-X-B</b>	Mounting <b>RIGID</b>	Rotation <b>REV</b>
Assembly	Shaft Dia.	Ext. Diag. <b>004172.01</b>
Cust Part No	Outline <b>SS622180LE</b>	Ext. Diag2
Packaging <b>307997.99</b>		Winding <b>T18304018</b>
Carton Label <b>INDIVIDUAL</b>		<b>GROUP: 3</b>
Iris	Paint <b>STANDARD</b>	Test Card

Form Factor	RMS Amps	Const Torque Speed Range
Torque	Peak	
AB Code	Peak@DegC	
Resistance		
Connection		

Rework Status	Rework TYPE
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Hazardous Loc <b>NONE</b>		Brake Motors
Explosion Proof	Temp Op Code	<b>FORCE</b>
Class	GROUP:	<b>VDC</b>
Class	GROUP:	<b>ADC</b>
		Brake Coil OHMs @25 C

**Performance**

Torque UOM	LB-FT	Inertia (WK <sup>2</sup> )		
Torque	<b>220.3(Full Load)</b>	<b>586(Break Down)</b>	<b>310(Pull Up)</b>	<b>393(Locked Rotor)</b>
CURRENT (amps)	<b>85.5(Full Load)</b>	<b>287(Break Down)</b>	<b>459(Pull Up)</b>	<b>560(Locked Rotor)</b>
Efficiency (%)	<b>0(Full Load)</b>	<b>95.8(75% Load)</b>	<b>95.4(50% Load)</b>	<b>92.4(25% Load)</b>
PowerFactor	<b>85.5(Full Load)</b>	<b>83(75% Load)</b>	<b>75.5(50% Load)</b>	<b>55(25% Load)</b>

**Load Curve Data @60/50 Hz, 460 Volts, 75 Horsepower**

Load	Amps	KW	RPM	Torque	EFF	PF	Rise By Resis	Frame Rise
0.0	27.5	1.035	1800	0.0	0.0	4.5	0.0	-
0.25	34.5	15.11	1797	5.5	92.4	55.0	0.0	-
0.5	48.5	29.33	1795	110.0	95.4	75.5	0.0	-
0.75	66.0	43.74	1790	165.0	95.8	83.0	0.0	-
1.0	85.5	58.3	1785	220.5	95.8	85.5	64.0	-
1.25	106.5	73.1	1780	276.5	95.4	86.0	0.0	-
1.5	130.0	88.17	1775	332.5	95.0	85.5	0.0	-