PRODUCT INFORMATION PACKET

Model No: 182TTFC6002 Catalog No: U602A General Purpose Motor, 3 & 2 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 & 3000 RPM, 182T Frame, TEFC



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Motors

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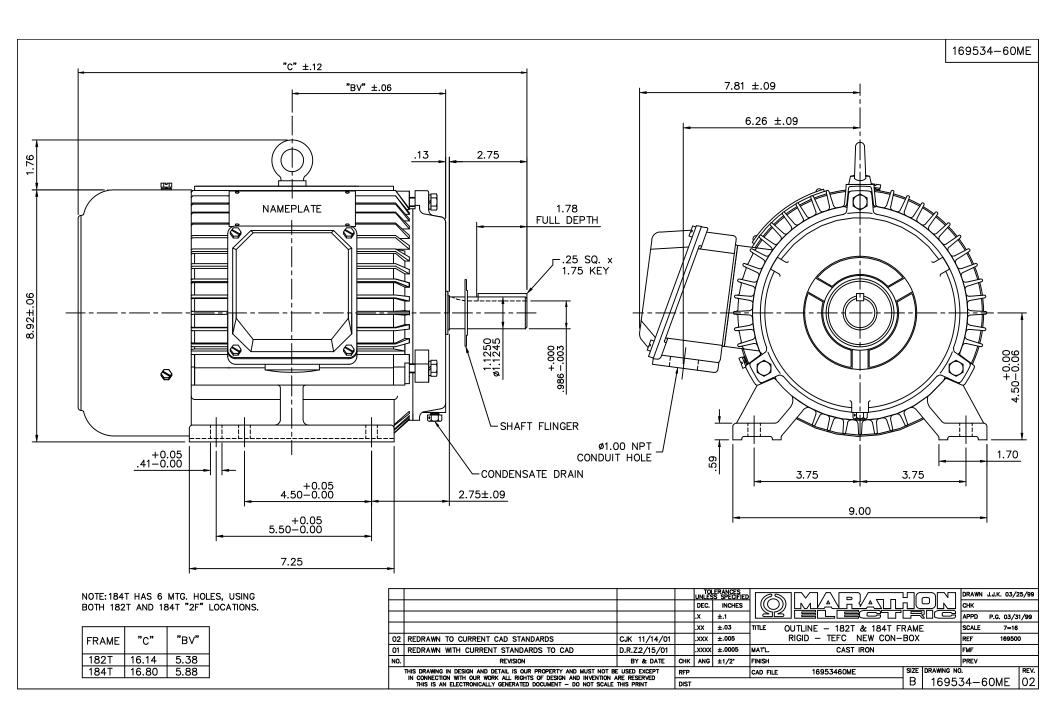
Nameplate Specifications

Phase	3	Output HP	3 & 2 Hp
Output KW	2.2 & 1.5 kW	Voltage	208-230/460 & 190/380 V
Speed	3520 & 2940 rpm	Service Factor	1.15 & 1.15
Frame	182T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	87.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.8-7.2/3.6 & 6.2/3.1 A	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	J
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line	
Poles	2	Rotation	Reversible	
Resistance Main	3.56 Ohms	Mounting	Rigid Base	
Motor Orientation	Horizontal	Drive End Bearing	Ball	
Opp Drive End Bearing	Ball	Frame Material	Cast Iron	
Shaft Type	Т	Overall Length	16.14 in	
Shaft Diameter	1.130 in	Shaft Extension	2.75 in	
Assembly/Box Mounting	F1/F2 CAPABLE			
Outline Drawing	16953460ME-182T	Connection Drawing	00510201ME	

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005102-01ME

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END. С T1

CERTIFICATION DATA SHEET

Model#:	182TTFC6002 AA
CONN. DIAGRAM:	00510201ME
OUTLINE:	169534.60ME

* NOTES WINDING#: ASSEMBLY: T08702010 NONE 3 F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	ĸw	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3&2	2.24&1.49	3600	3520&2940	182T	TEFC	J	В

РН	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208-	7.8-	ACROSS THE	CONTINUOU	F2	1.15/1.15	40	3300
		230/460#190/	7.2/3.6&6.2/3.	LINE	S				
		380	1						

FULL LOAD EFF: 87.5&88.5	3/4 LOAD EFF: 88.5	1/2 LOAD EFF: 87.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 87&83.5	3/4 LOAD PF: 82	1/2 LOAD PF: 72	86.5	SQ CAGE IND RUN	3 / 1.5

F.L. TORQUE	LOCK	D ROTOR AMPS	L.R. TORQUE	DRQUE B.D. TORQUE			F.L. RISE°C	
4.5 LB-FT		58 / 29	9 LB-FT 200		15 LB-FT	333		55
SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	2 MAX. WK^2	SA	AFE STALL TIME	STAR ⁻ /HOU	-	APPROX. MOTOR WGT
50 dBA	60 dBA	0.24 LB-FT^2	- LB-FT^2		15 SEC.	2		90 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)

BEAF	RINGS	GREASE	SHAFT TYPE SPECIAL DE		SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	1045 HOT	CAST IRON
6206	6205]				ROLLED (C-204)	

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs BRG RTDs				
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

information

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INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE		
ENCODER: NONE		
NONE NONE		
NONE NONE PPR		
BRAKE: NONE	NONE	
NONE P/N	NONE	
NONE NON	IE	
NONE FT-LB	NONE V	NONE Hz

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