PRODUCT INFORMATION PACKET

Model No: 182TTWW16002 Catalog No: N634 PowerWash[™] XT Wash Down Duty[™] General Purpose Motor, 3 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM, 182TC Frame, TEFC



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marathon®

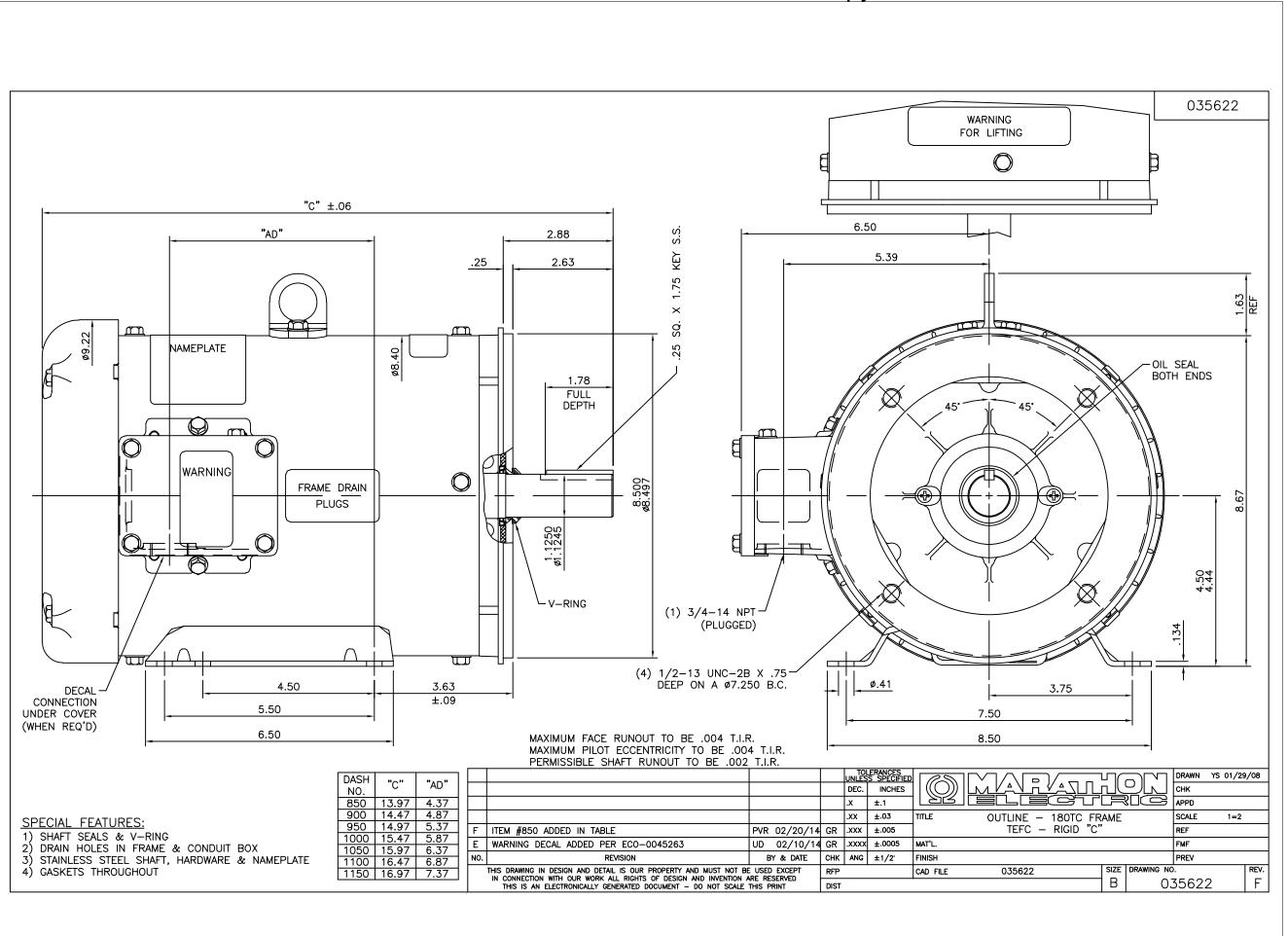
Nameplate Specifications

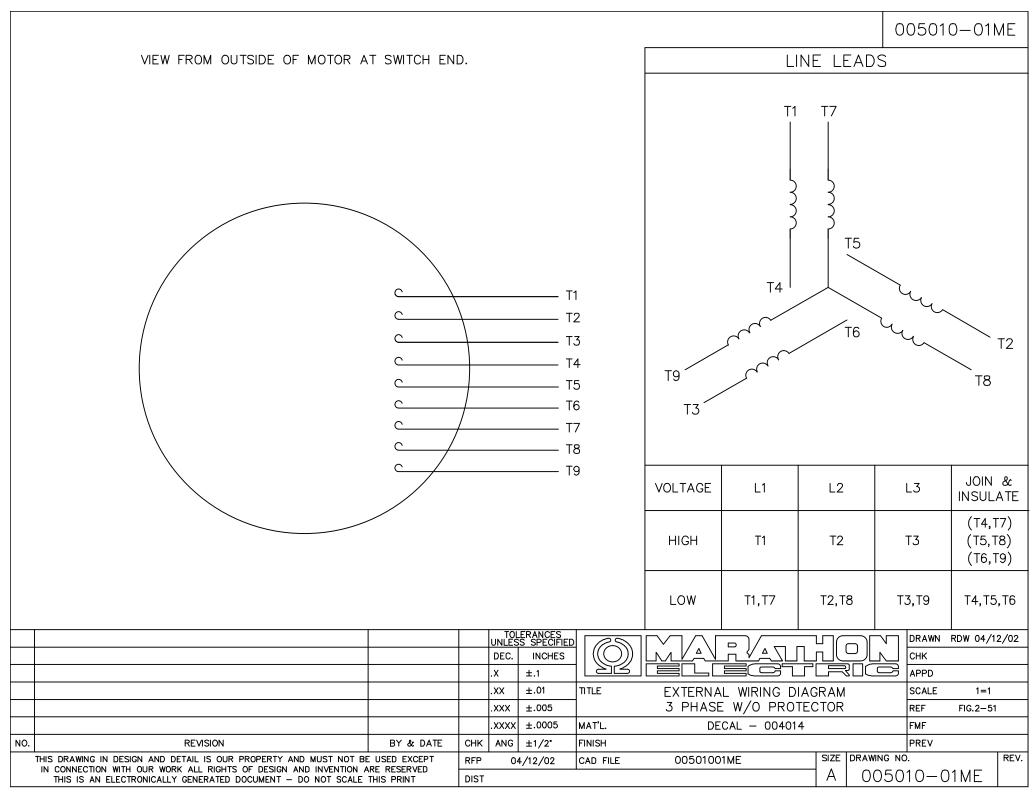
Phase	3	Output HP	3 & 3 Hp
Output KW	2.2 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	3515 & 2885 rpm	Service Factor	1.25 & 1.25
Frame	182TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	86.5 & 84 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	7.6/3.8 & 9/4.5 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	К
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	3.76 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	т	Overall Length	14.97 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.88 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01ME	Outline Drawing	035622-950

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CERTIFICATION DATA SHEET

Model#:	182TTWW16002 AA	WINDING#:	T8290 FR 3
CONN. DIAGRAM:	005010.01ME	ASSEMBLY:	F1 ONLY
OUTLINE:	035622-950		

TYPICAL MOTOR PERFORMANCE DATA

НР	ĸw	SY	NC. RPM	F.L. RPM	FRAME	ENCLOS	URE	KVA CODE	DESIGN
3&3	2.24&2	2.24	3600	3515&2885	182TC	TEF	<u> </u>	К	В
РН	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	7.6/3.8&9/4.5	ACROSS THE	CONTINUOU	F4	1.25/1	.25 40	3300
		380		LINE	S				

FULL LOAD EFF: 86.5&84	3/4 LOAD EFF: 86.1	1/2 LOAD EFF: 85.8	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 88&89	3/4 LOAD PF: 86.3	1/2 LOAD PF: 76.4	0	SQ CAGE IND RUN	2.8 / 1.4

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	68 / 34	12 LB-FT 267	16.5 LB-FT 367	37

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.33 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	WHITE - LEESON (EPOXY)

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	303 STAINLESS	ROLLED STEEL
6207	6205					(C-501)	

THERMO-PROTECTORS				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

INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE					
ENCODER: NONE					
NONE NONE					
NONE NONE PPR					
BRAKE: NONE	NONE				
NONE P/N NO	DNE				
NONE NONE					
NONE FT-LB	NONE V	NONE Hz			

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