

PRODUCT INFORMATION PACKET

Model No: 184TTWW6004
Catalog No: N315A
5 HP Washdown Motor, 3 phase, 3600 RPM, 230/460 V, 184T Frame, TEFC
General Purpose Motors



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.
©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E

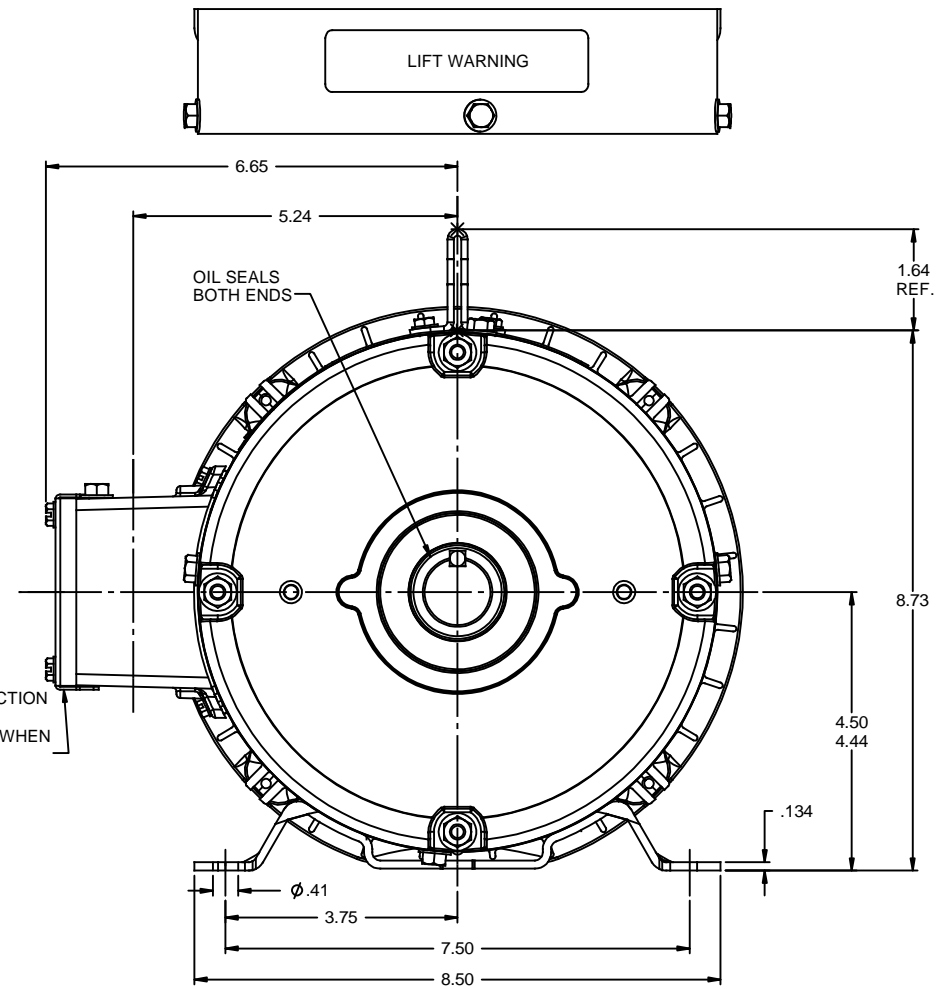
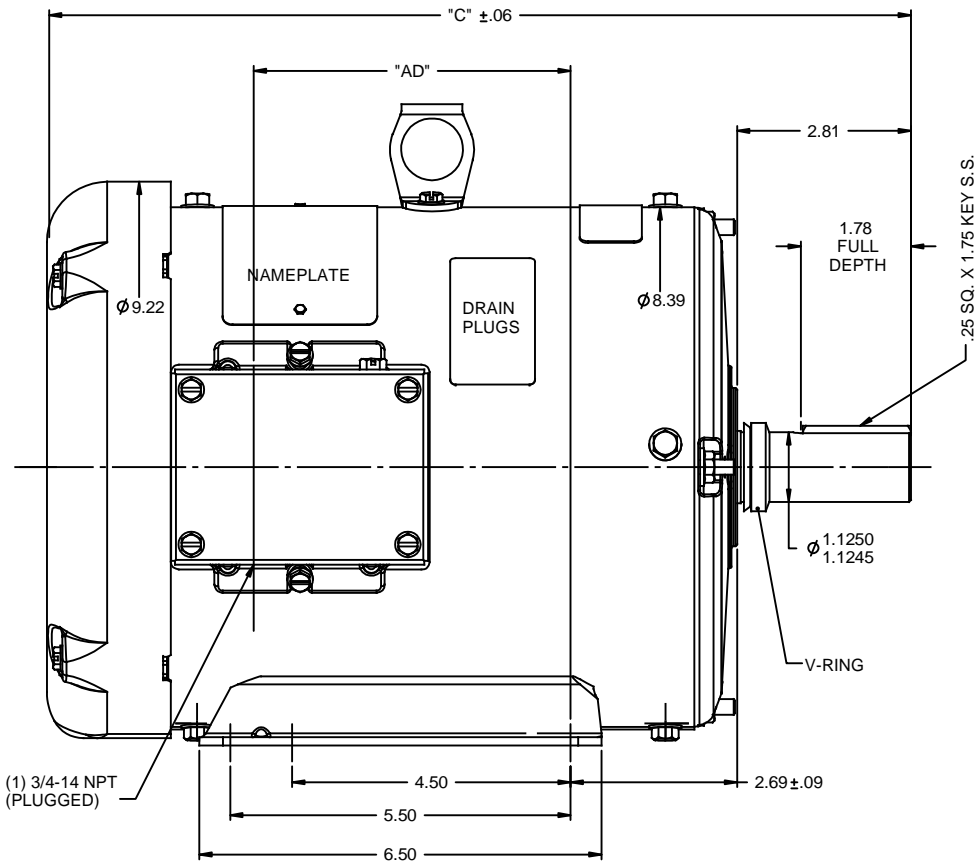


Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	12.0/6.0 A	Speed	3515 rpm
Service Factor	1.5	Phase	3
Efficiency	88.5 %	Power Factor	89
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Frame	184T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
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 Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	2.32 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	14.96 in
Frame Length	9.50 in	Shaft Diameter	1.125 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1/F2 Capable
Inverter Load	CONSTANT 10:1		
Connection Drawing	005010.01ME	Outline Drawing	035463ME-950

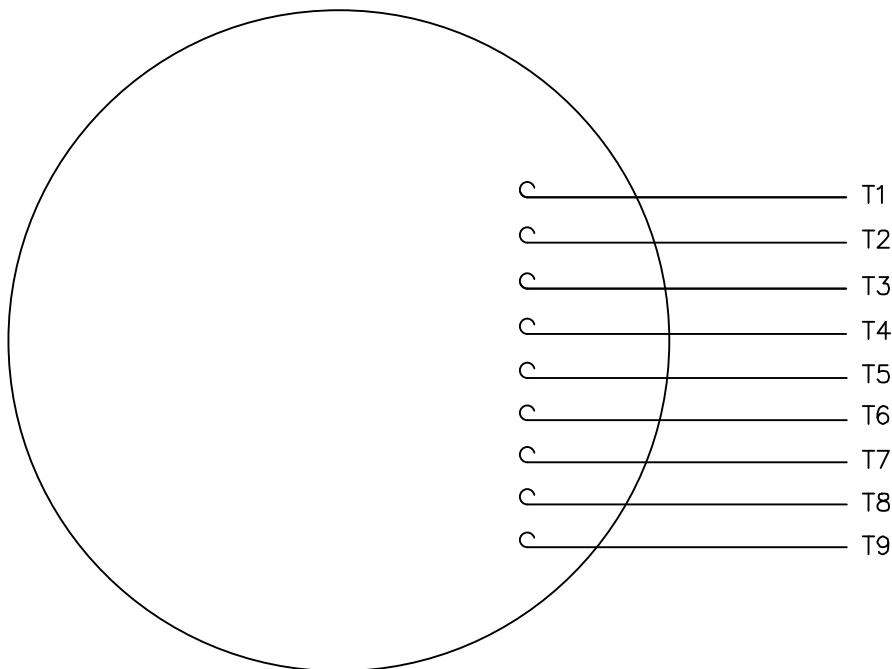


SPECIAL FEATURES:
 SHAFT SEALS & V-RING
 DRAIN HOLES IN FRAME & CONDUIT BOX
 STAINLESS STEEL SHAFT, HARDWARE
 & NAMEPLATE
 GASKETS THROUGHOUT

DASH NO.	"C"	"AD"
800	13.46	4.62
850	13.96	5.12
900	14.46	5.62
950	14.96	6.12
1000	15.46	6.62
1050	15.96	7.12
1100	16.46	7.62
1150	16.96	8.12

TOLERANCES UNLESS SPECIFIED		marathon [®] electric	DRAWN JD 04/21/2011					
DEC	INCHES		CHK	APPR				
x	±.1	TITLE OUTLINE - 180T FRAME TEFC- RIGID MATL WASHGUARD	SCALE	1:2				
.xx	±.03		REF					
.xxx	±.005		FMF					
.xxxX	±.0005							
NO	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH	PAGE	OF
	THIRD ANGLE PROJECTION		RFP	ANG	±1/2"	FINISH		
			PREV				SIZE	DRAWING NO
			NETWORK FILE NAME	035463ME			B	035463-ME
								REV

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN RDW 04/12/02		
		DEC.	INCHES			CHK		
		.X	±.1			APPD		
		.XX	±.01	TITLE		SCALE 1=1		
		.XXX	±.005	EXTERNAL WIRING DIAGRAM		REF FIG.2-51		
		.XXXX	±.0005	3 PHASE W/O PROTECTOR		FMF		
				MAT'L. DECAL - 004014		PREV		
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	SIZE	DRAWING NO.	REV.
			RFP	04/12/02	CAD FILE	A	005010-01ME	
			DIST		00501001ME			

THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT

CERTIFICATION DATA SHEET

Model#: 184TTWW6004 AA
CONN. DIAGRAM: 005010.01ME
OUTLINE: 035463ME-950

WINDING#: T82103 FR 3
ASSEMBLY: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
5	3.70	3600	3515	184T	TEFC	K	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60	230/460	12.0/6.0	LINE OR INVERTER	CONTINUOUS	F4	1.5	40	3300

FULL LOAD EFF: 88.5	3/4 LOAD EFF: 89.1	1/2 LOAD EFF: 87.9	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 89	3/4 LOAD PF: 87.5	1/2 LOAD PF: 81.1	0	SQ CAGE INV RATED	3.4 / 1.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
7.5 LB-FT	94 / 47	16 LB-FT 213	26 LB-FT 347	0

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 LB-FT^2	0 LB-FT^2	10 SEC.	0	0 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	WHITE - LEESON (EPOXY)

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

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

*
N
O
T
E
S
*

INVERTER TORQUE: CONSTANT 10:1
INV. HP SPEED RANGE: NONE
ENCODER: NONE
NONE NONE
NONE NONE PPR
BRAKE: NONE NONE
NONE P/N NONE
NONE NONE
NONE FT-LB NONE V NONE Hz

DATE: 06/28/2017 07:47:49 AM
 FORM 3531 REV.3 02/07/99
 ** Subject to change without notice.

Data Sheet

Date: 16-06-2017
Customer: _____
Attention: _____
Submitted by: FAREEDA DUDEKULA



184TTWW6004

Submittal

Data @ **460 V**

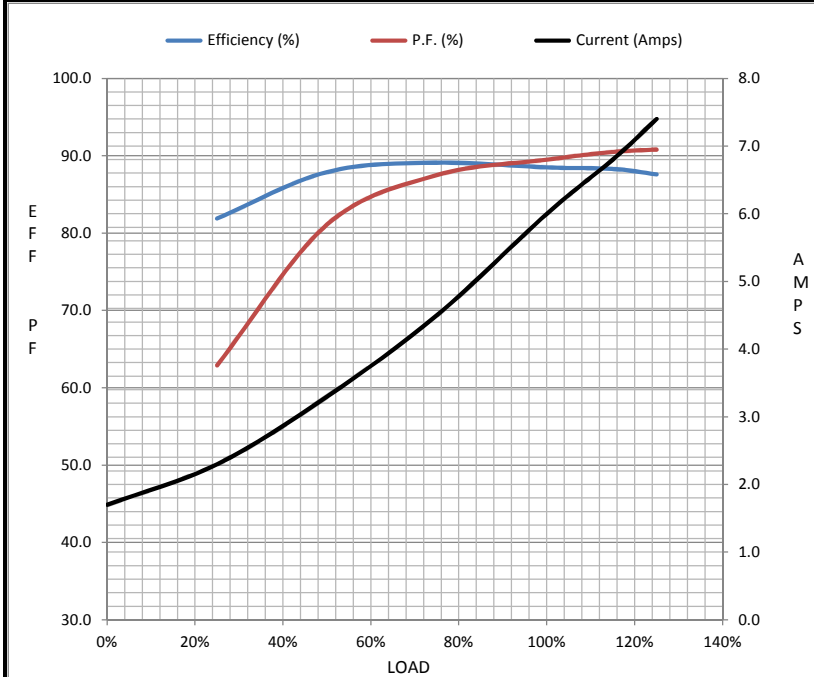
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.70	2.30	3.3	4.5	6.0	6.8	7.4	47.0
Torque (ft-lb)	0.00	1.80	3.7	5.6	7.5	8.7	9.5	16.0
RPM	3600	3576	3551	3526	3495	3,477	3463	0
Efficiency (%)		81.9	87.9	89.1	88.5	88.3	87.6	
P.F. (%)	14.8	62.9	81.1	87.5	89.5	90.5	90.8	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	2850	3495	3600
Current (Amps)	47.0	42.0	30.0	6.0	1.70
Torque (ft-lb)	16.0	14.0	26.0	7.5	0.00

Information Block				
HP	5.0			
Sync. RPM	3600			
Frame	180			
Enclosure	TEFC			
Construction	TFW			
Voltage	230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	55 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.00 Lb-Ft ²			
Ref Wdg	T82103 FR			
Sound Pressure @ 1M	0 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	035463ME-950			
Conn. Diag	005010.01ME			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed - Torque Curve

