

# PRODUCT INFORMATION PACKET

Model No: 184TTDW4003

Catalog No: E937A

7.5 HP General Purpose Motor, 3 phase, 3600 RPM, 200 V, 184T Frame, ODP



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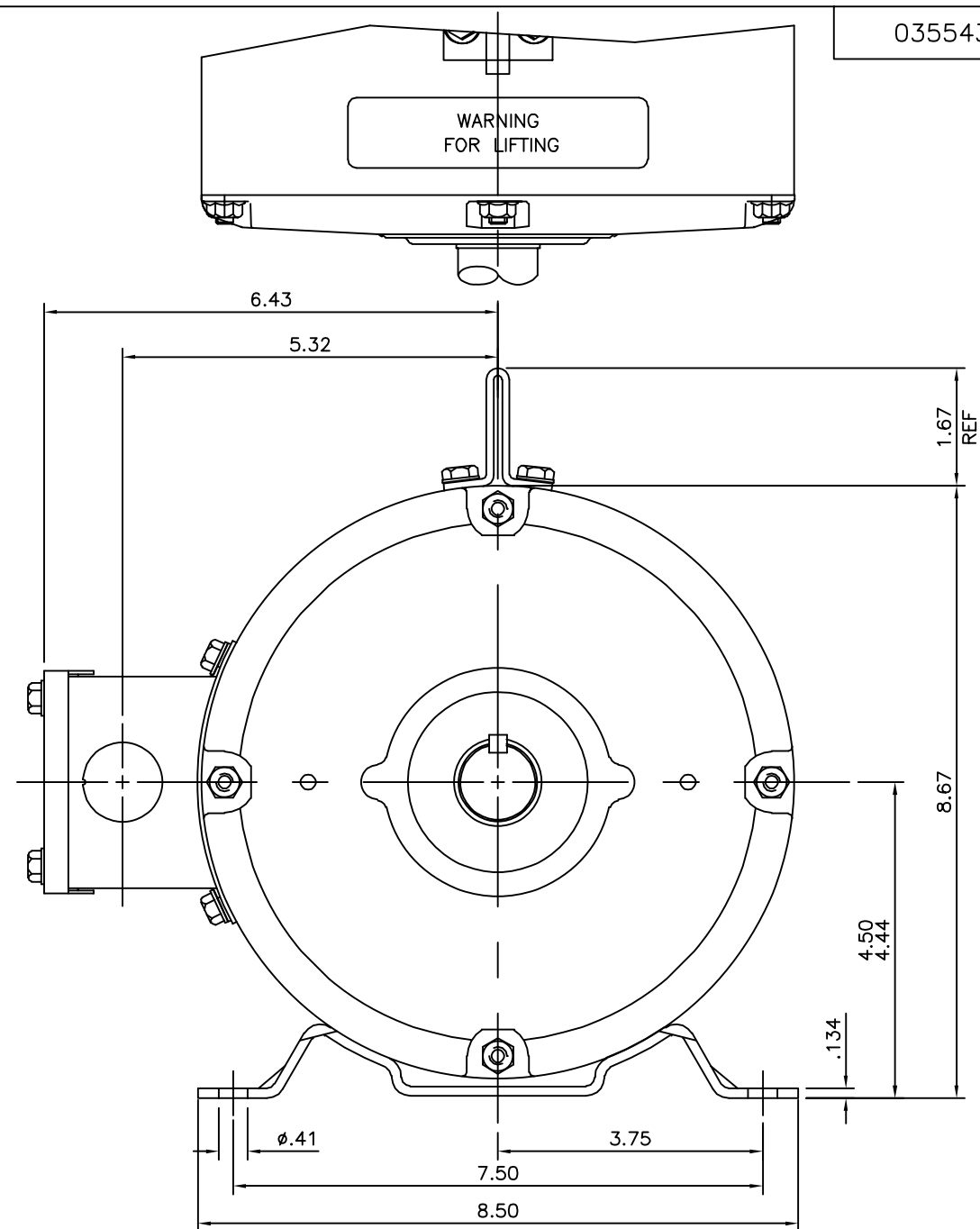
## Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	200 V
Current	20.3 A	Speed	3470 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	90.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

## Technical Specifications


Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	0 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	14.19 in
Frame Length	10.00 in	Shaft Diameter	1.130 in
Shaft Extension	2.81 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	035543-1000	Connection Drawing	005102.01ME

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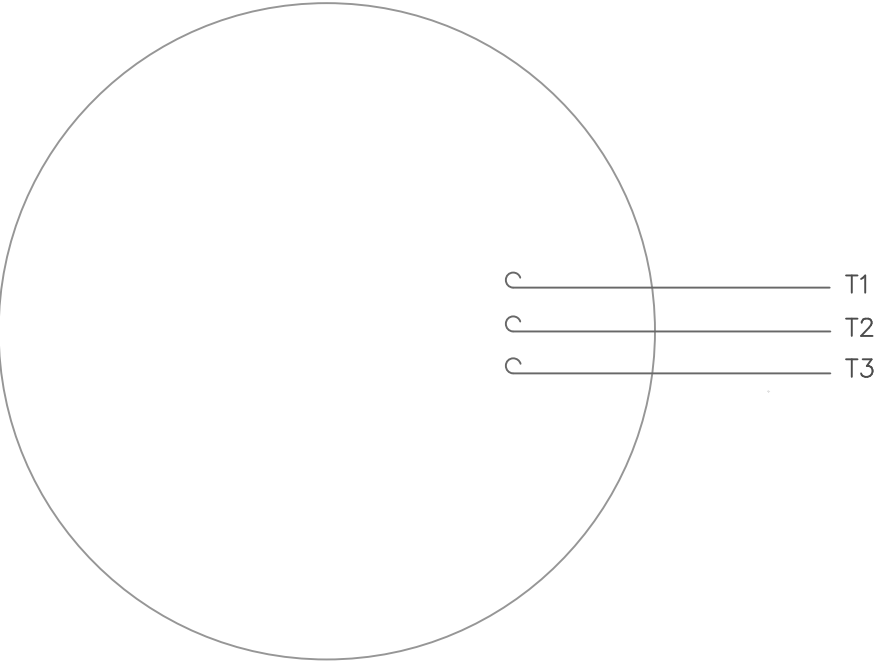


DASH NO.	"C"	"AD"
850	12.69	5.25
900	13.19	5.75
950	13.69	6.25
1000	14.19	6.75
1050	14.69	7.25
1100	15.19	7.75
1150	15.69	8.25
1200	16.19	8.75

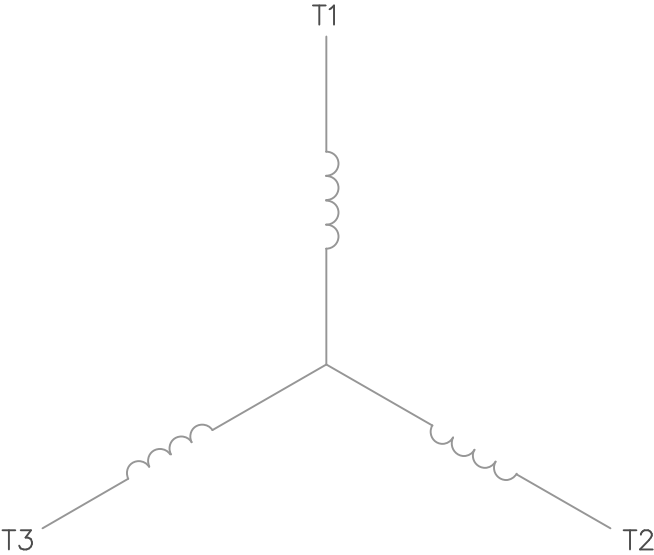
GASKETS THROUGHOUT

				TOLERANCES UNLESS SPECIFIED				DRAWN   YS 03/14/08			
				DEC.	INCHES			CHK   YS 08/08/07			
				.X	±.1	TITLE OUTLINE – 180T FRAME DRIP PROOF – RIGID		APPD			
				.XX	±.03			SCALE       1=2			
				.XXX	±.005			REF       035534			
01	WHEN REQ'D NOTE ADDED		PVR 06/16/15	GR	.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH	PREV			
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				RFP		CAD FILE		035543	SIZE	DRAWING NO.	REV.
				DIST   NLV				B	035543	01	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.




LINE LEADS



CONNECT LEADS AS FOLLOWS  
FOR FOUR CONDUCTOR CORD ( )

CORD	L1 (RED)	L2 (WHITE)	L3 (BLACK)	(GREEN)
MOTOR	T1	T2	T3	GROUND

				TOLERANCES UNLESS SPECIFIED			DRAWN RDW 5/1/02				
				DEC.	INCHES		CHK				
				.X	±.1		APPD				
				.XX	±.01		SCALE 1=1				
				.XXX	±.005		REF				
				.XXXX	±.0005	MAT'L. DECAL - 004169			FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH			PREV		
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			DIST				A	005102-01ME			

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## Data Sheet

Date: 12/13/2018

Customer: \_\_\_\_\_

Attention: \_\_\_\_\_

Submitted by: FAREEDA DUDEKULA



184TTDW4003

Submittal

Data @ 200 V

## Motor Load Data

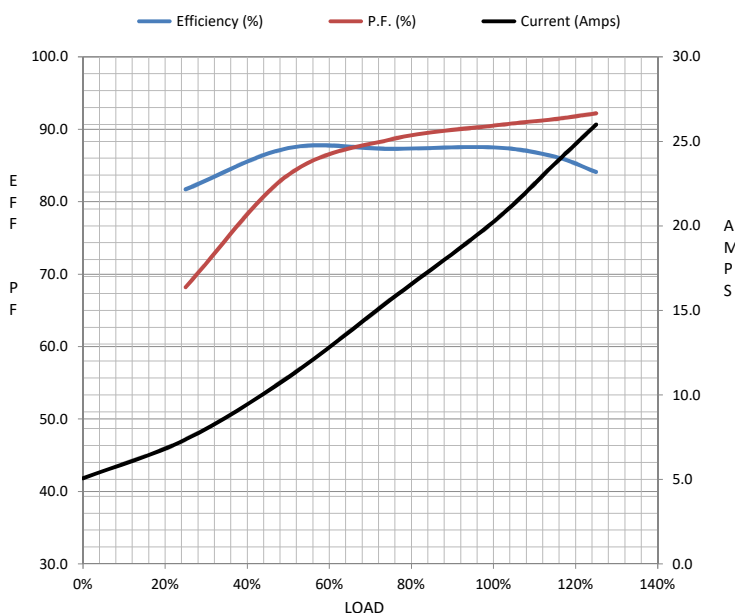
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	5.1	7.4	11.0	15.6	20.2	23.7	26.0	145	
Torque (ft-lb)	0.00	2.80	5.6	8.4	11.4	13.1	14.3	23.0	
RPM	3600	3573	3546	3513	3470	3450	3435	0	
Efficiency (%)		81.7	87.4	87.3	87.5	86.2	84.1		
P.F. (%)	12.6	68.2	83.7	88.6	90.5	91.4	92.2	49.0	

## Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	300	2850	3470	3600
Current (Amps)	145	140	94.3	20.2	5.1
Torque (ft-lb)	23.0	22.0	34.7	11.4	0.00

## Information Block

HP	7.5			
Sync. RPM	3600			
Frame	184			
Enclosure	DP			
Construction	TDR			
Voltage	200	V		
Frequency	60	Hz		
Design	A			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	45	° C		
Duty	CONT			
Ambient	40	° C		
Elevation	1,000	feet		
Rotor/Shaft wk²	0.24	Lb-Ft²		
Ref Wdg	T82113 R1			
Sound Pressure @ 1M	71	dBA		
VFD Rating	NONE			
Outline Dwg	035543-1000			
Conn. Diag	005102.01ME			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.2140	0.2170	0.6710	0.3340	19.9360



## Speed -Torque Curve

