

PRODUCT INFORMATION PACKET

Model No: 184TTDBD8026

Catalog No: H954A

Special Voltage Motors, Drip Proof, 5 HP, 3 Ph, 50 Hz, 200/400 V, 1450 RPM, 184T Frame

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Nameplate Specifications

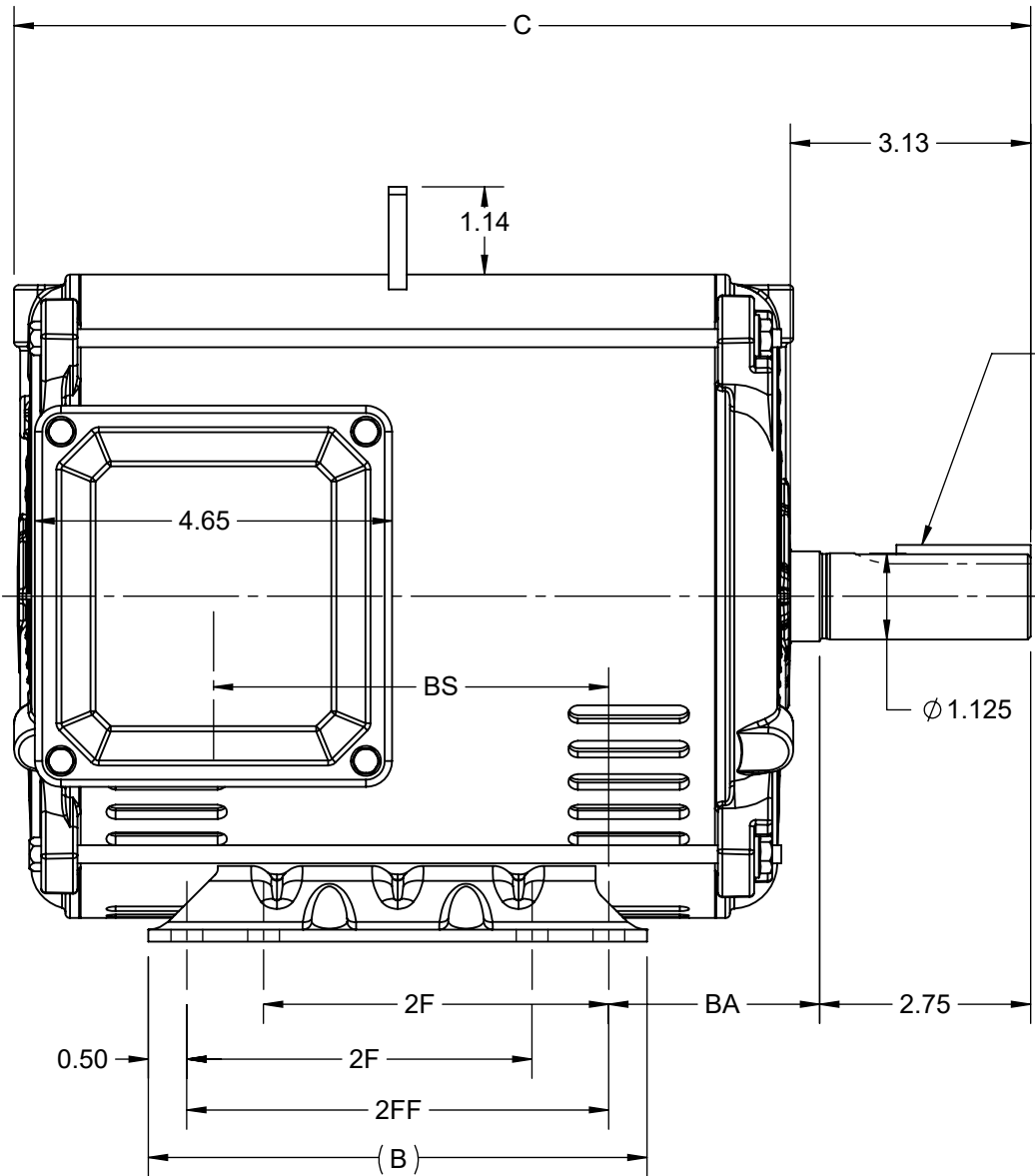
Output HP	5 Hp	Output KW	3.7 kW
Frequency	50 Hz	Voltage	200/400 V
Current	14.3/7.1 A	Speed	1450 rpm
Service Factor	1.15	Phase	3
Efficiency	82.5 %	Power Factor	87.2
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Frame	184T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	2.62 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS600198-200	Connection Drawing	EE7358

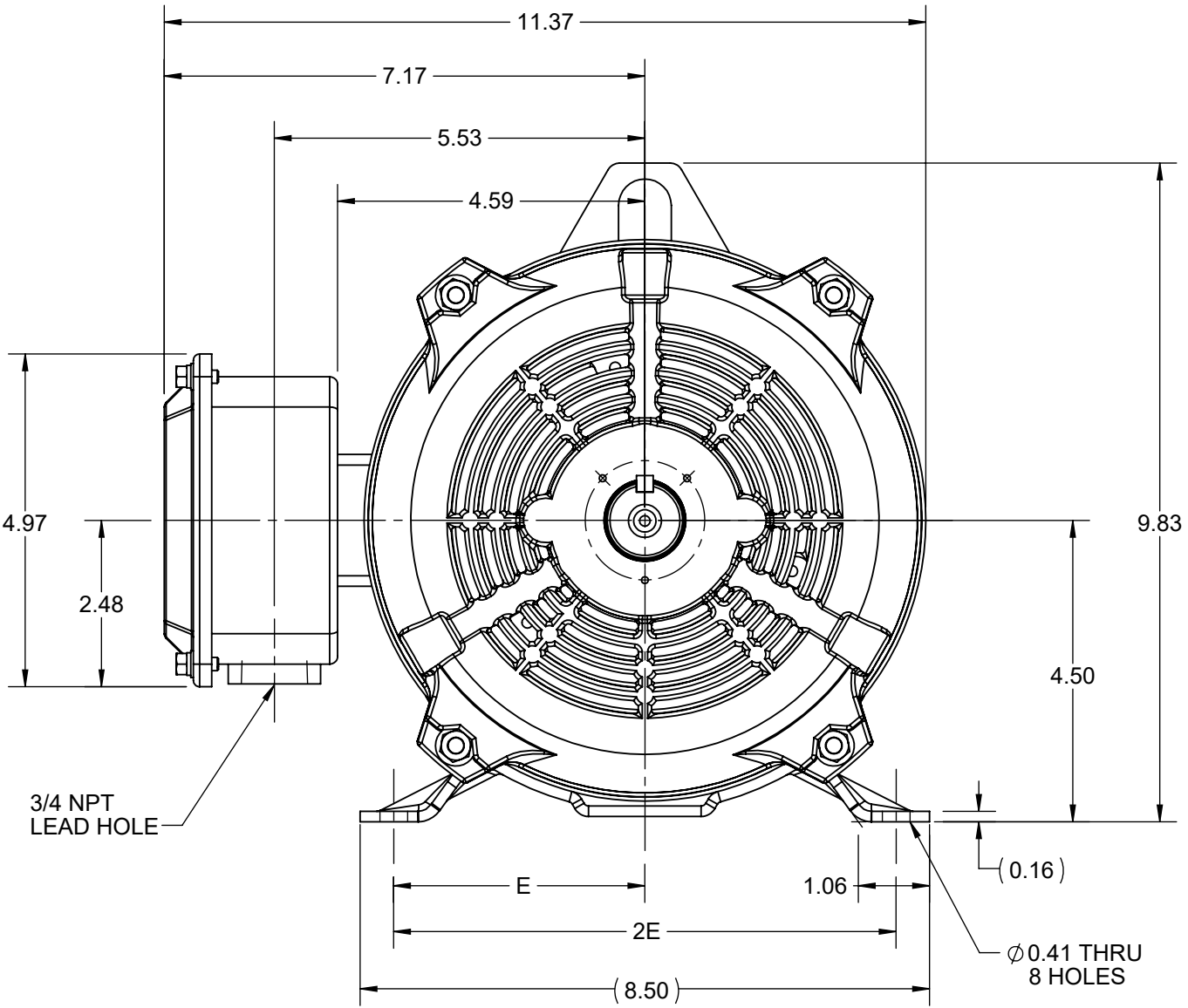
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4				3				2			1
DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	6.50	12.25	3.75	7.50	4.50	5.50	2.75	4.15	F1 OR F2	182T	
200		13.25						5.15		184T	



1/4 x 1/4 x 1.75
KEY

Ø 1.125



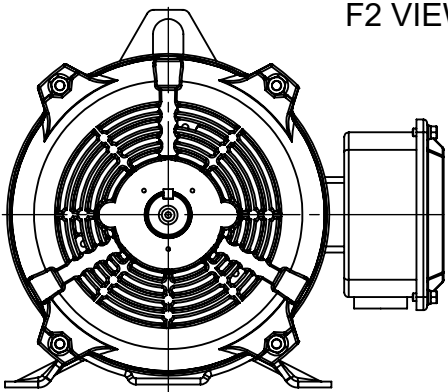
3/4 NPT
LEAD HOLE

B

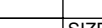
B

A

A



F2 VIEW

DRAWING REVISION F		REVISION BY VS		REV DATE/© DATE 24-06-2021		PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY		DRAWN BY PRIYA		 Regal Beloit America, Inc.					
ECO CR-0003090		APPROVED BY GNK		DATE 24-06-2021				DATE 12/03/2018							
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						DATE 12/03/2018		REFERENCE					MATERIAL		PROCESS/FINISH
						THIRD ANGLE PROJECTION				SIZE B		DRAWING NUMBER SS600198		SHEET 1 OF 1	

4

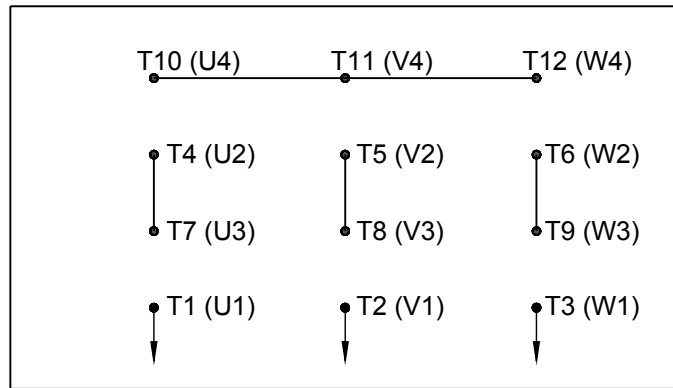
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2

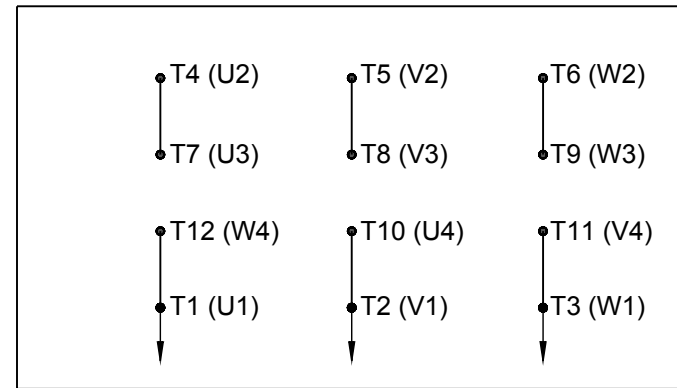
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HIGH VOLTAGE

WYE START

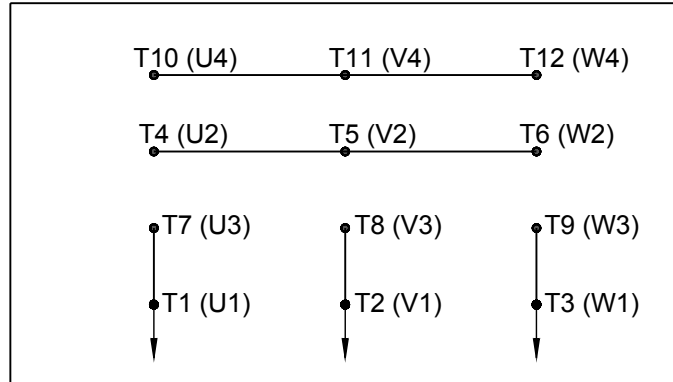


DELTA RUN

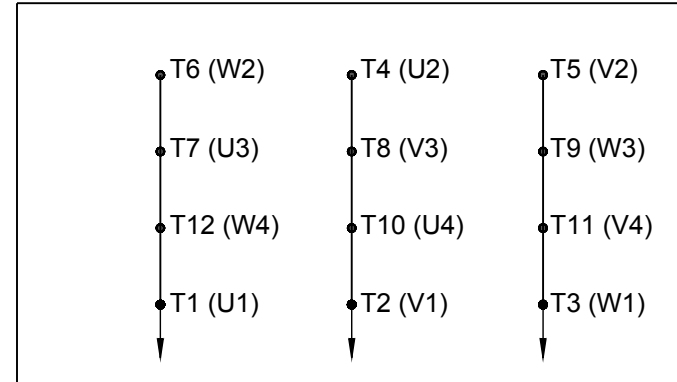


LOW VOLTAGE

WYE START



DELTA RUN



4/2 CKTY △

DRAWING REVISION D	REVISION BY JWO	DATE 01-26-2016		DRAWN BY BLR	 Regal Beloit America, Inc.			
ECO ECO-0092547	APPROVED BY TB	DATE 01-26-2016		DATE 03-09-1998	DESCRIPTION CONN DIAGRAM-EXTERNAL 12 LEAD - DUAL VOLT. - WYE START - DELTA RUN			
ECO DESCRIPTION ADDED IEC MARKINGS				APPROVED BY GK				
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				REFERENCE	MATERIAL		PROCESS/FINISH	
				THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER EE7358	



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 400

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: EE7358
OUTLINE: SS600198-200
WINDING: HA31124039 NONE 2
SPEED:

CUSTOMER P.O. #:
REFERENCE MODEL #: 184TTDBD8026
CAT #: H954A
CUSTOMER PART #:
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
5	3.7	1500	1450	184T	DP	TDB	H	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	50	200/400	14.3/7.1	PWS (LV ONLY) & YDRUN	CONT	F	1.15	40	3300
F.L. EFF	82.5	3/4 LD EFF	84.2	1/2 LD EFF	84.2	GTD EFF	ELECT. TYPE		
F.L. PF	87.2	3/4 LD PF	84.2	1/2 LD PF	75.8	82.0	SQ CAGE IND RUN		
F.L. TORQUE	LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (° C)		
18.0 LB-FT	49.4		42.0 LB-FT 233%		46.0 LB-FT 256%		60		
SOUND PRESSURE @ 3 FT.	SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APPROX.	MOTOR WGT	
0 dBA	9 dBA		0.389 LB-FT ²	0 LB-FT ²	0 SEC.	0	0	LB.	
*** SUPPLEMENTAL INFORMATION ***									
DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT	
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	NONE	YES	NONE	BLUE (ENAMEL)	
BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE	ODE	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL		
BALL	BALL								
6206	6203								
THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL		SPACE HEATERS		
NONE	NOT	NONE	NONE	NONE	FALSE		NA		
R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)		FLOAT		
1.981163435	1.154570637	3.895844875	4.655955679	106.9052632	0.150		ODE		
* N O T E S *					INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE				
					ENCODER: NONE NONE NONE				
					BRAKE: NONE NONE				
					FT-LB: NA VOLTAGE: NONE				
					UL: V - LI ME-INS. CONST UL REC				
PREPARED BY: CHANDANA DESU DATE: 6/20/2022				H2:					

FORM: 3531 REV_4 2/27/06