

PRODUCT INFORMATION PACKET

Model No: 286TTDP8371

Catalog No: Y627

Other Purpose Motor, 30 HP, 3 Ph, 60 Hz, 200/400 V, 1800 RPM, 286T Frame, DP



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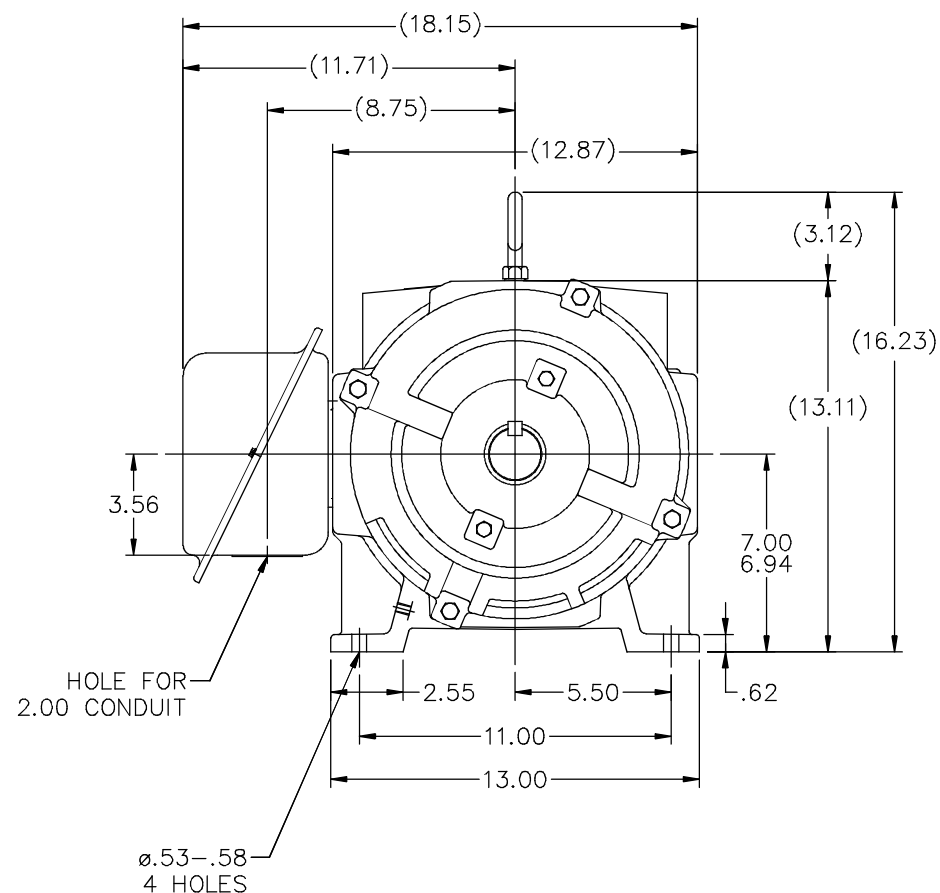
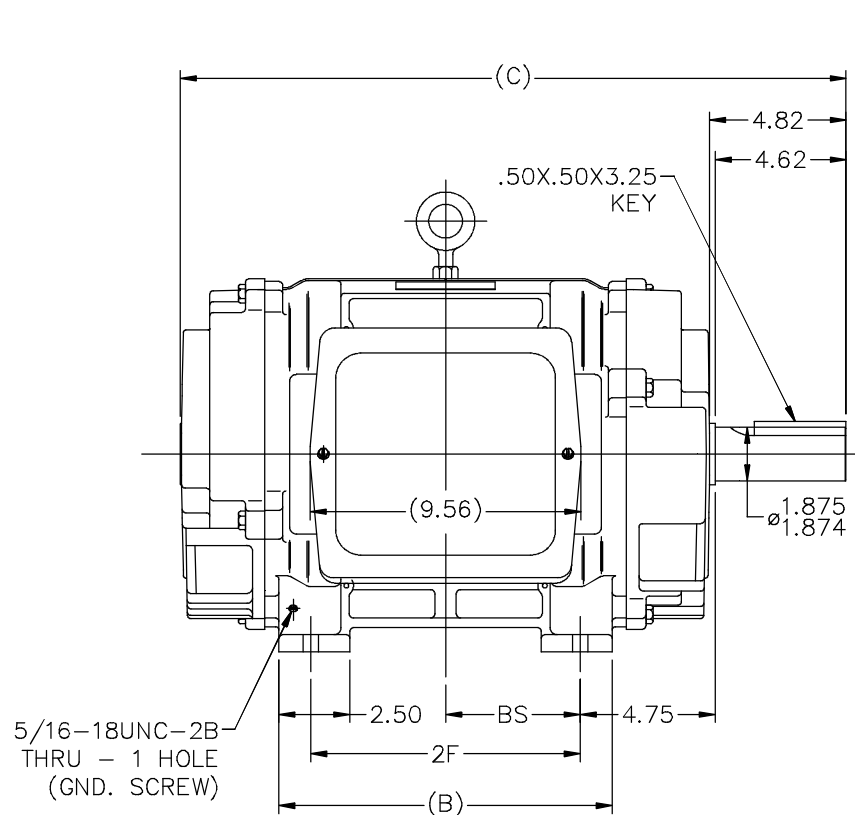
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	200/400 V
Current	91.0/45.5 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Power Factor	80
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	F
Frame	286T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	No	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Wye Start Delta Run
Poles	4	Rotation	Reversible
Resistance Main	.365 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	24.99 in
Frame Length	14.25 in	Shaft Diameter	1.875 in
Shaft Extension	4.82 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS200030-1425	Connection Drawing	A-EE7308AA

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NOTES

1. BOX CAN BE ROTATED IN 90° STEPS
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

DASH	FRAME	B	C	2F	BS
1275	284T	11.75	23.49	9.50	4.75
1425	286T	13.25	24.99	11.00	5.50

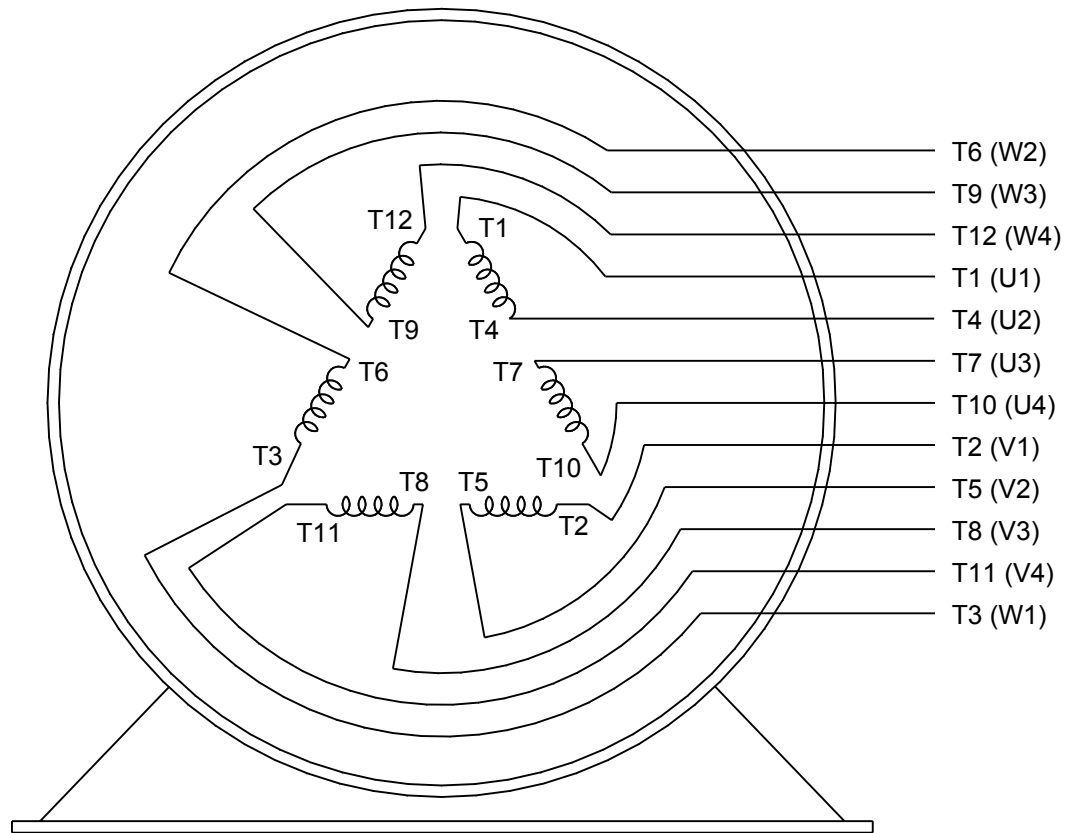
			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN JL 11-17-1987			
			DEC.	INCHES		CHK	JPN	11-20-1987	
10	RECAD IN AUTOCAD	RWR 05-27-2004	.X	±.1		APPD	LS	11-25-1987	
9	REV. TO NEC CONDUIT BOX CN28428	NJS 02-10-2000	ML	.XX	±.03	TITLE OUTLINE - DR. PR. - CAST IRON 280T FR. - BB- TS - DBL. END VENT.			
8	SHOW GND. SCR. HOLE IN FRONT CN22833	PGK 08-14-1996	JPN	.XXX	±.005				
7	REMOVED FRONT EXT. CN21752-692	KL 07-23-1996	JPN	.XXXX	±.0005	MAT'L			
NO.	REVISION	BY & DATE	CHK	ANG	±.730"	FINISH			
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			DIST	LB		B	SS200030	10	



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	THIRD ANGLE PROJECTION
DATE 01-12-1994	
APPROVED BY GK	
DATE 01-14-1994	
REFERENCE	

 Regal Beloit America, Inc.		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø-2/1 DELTA-12 LEADS		
MATERIAL	PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1