

PRODUCT INFORMATION PACKET



Model No: 286TTDP4034

Catalog No: E763

30 HP General Purpose Motor, 3 phase, 1800 RPM, 575 V, 286T Frame, ODP
General Purpose Motors

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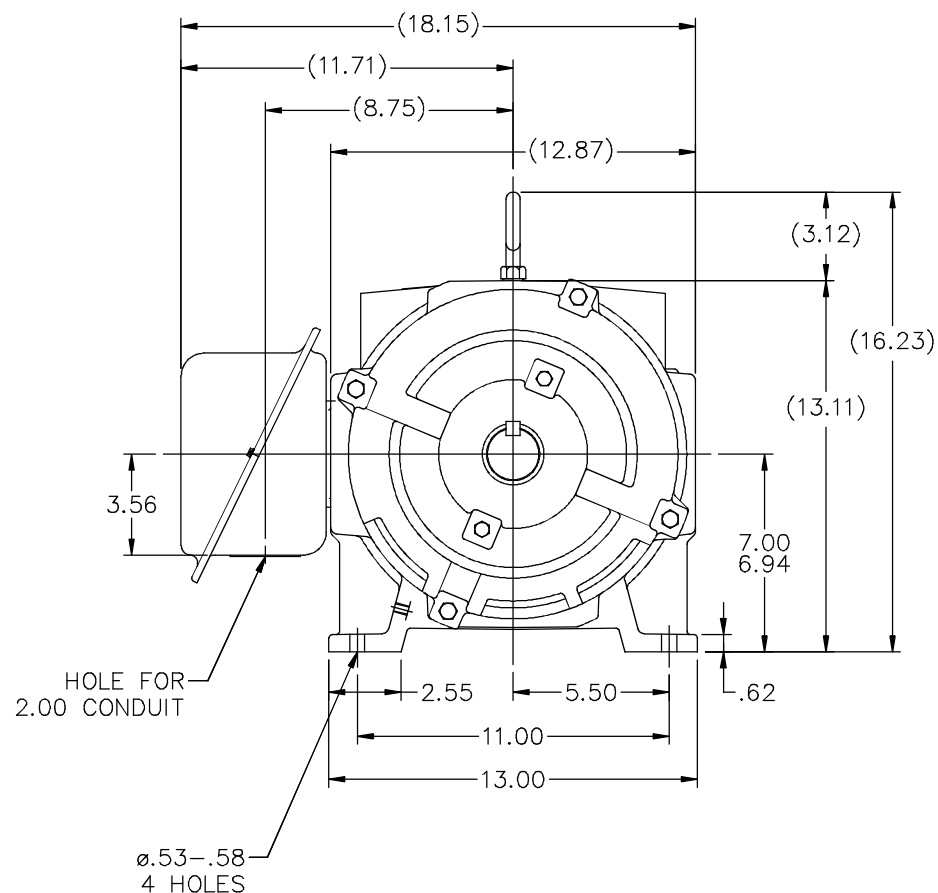
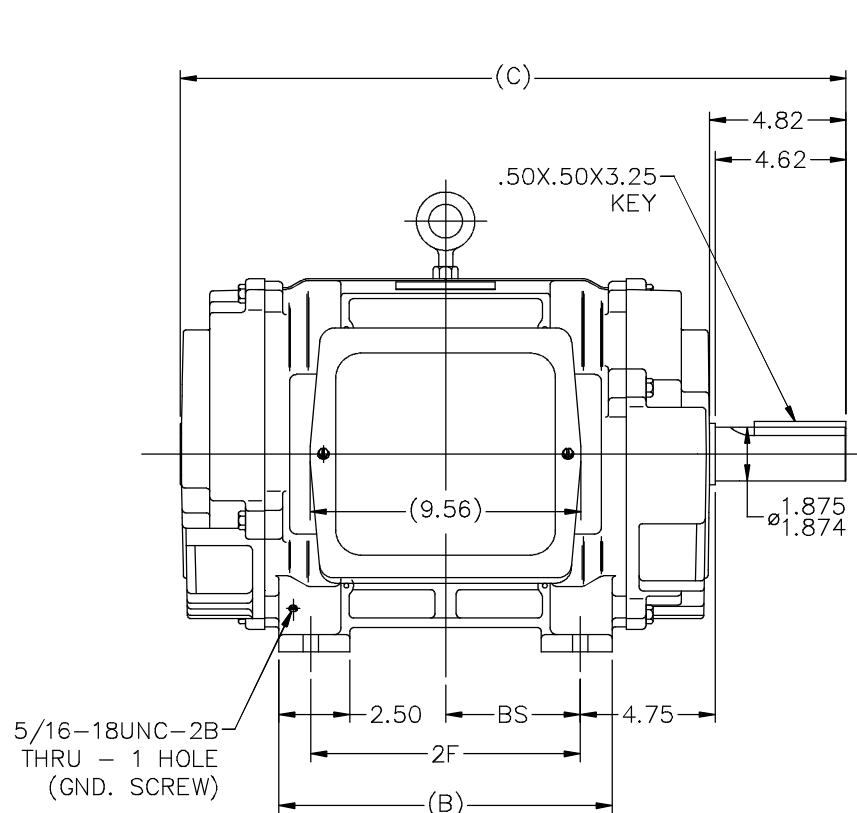
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	575 V
Current	28.8 A	Speed	1770 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	84
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Frame	286T	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.295 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
Connection Drawing	A-EE7300	Outline Drawing	B-SS200030-1425

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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	SCALE 1=4.5
8	SHOW GND. SCR. HOLE IN FRONT CN22833	PGK	08-14-1996	JPN	.XXX	±.005	REF
7	REMOVED FRONT EXT. CN21752-692	KL	07-23-1996	JPN	.XXXX	±.0005	FMF
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH	PREV
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				DIST LB		PAGE OF	REV. 10

THREE PHASE - SINGLE VOLTAGE MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

TERMINAL BLOCK WHEN SPECIFIED



IF MOTOR HAS 6 LEADS



A-9806 DECAL

OPTIONAL CORD CONNECTION



VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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