

PRODUCT INFORMATION PACKET

Model No: 286TTFPA17044

Catalog No: M901

Other Purpose Motor, 30 HP, 3 Ph, 60 Hz, 230/460 V, 1800 RPM, 286HPV Frame, TEFC

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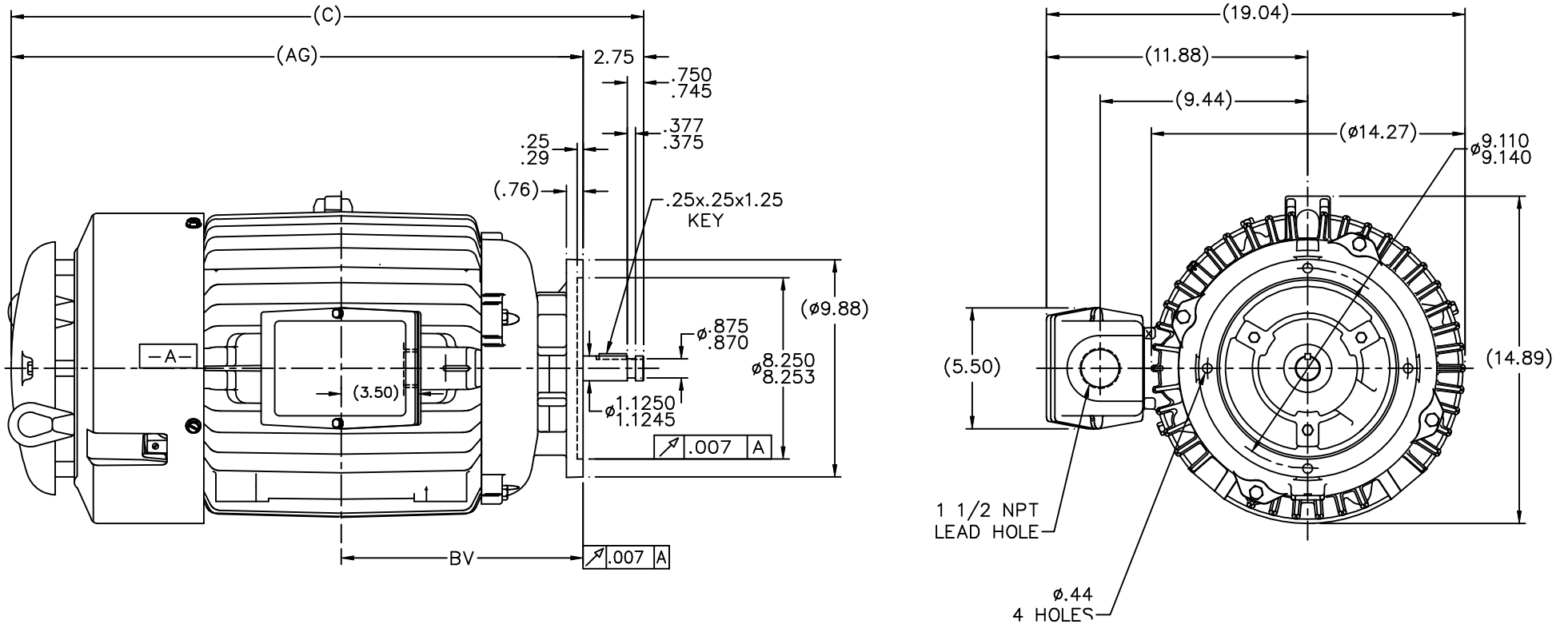


Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	230/460 V
Current	77.0/38.5 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	90.2 %	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	286HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.33 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	HP	Overall Length	30.26 in
Frame Length	14.25 in	Shaft Diameter	1.875 in
Shaft Extension	2.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	B-SS311026-1425



- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	AG	C	BV
1275	284HP	26.01	28.76	11.00
1425	286HP	27.51	30.26	11.75

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN NJS 04-13-2000	
		DEC.	INCHES			CHK	ML 04-20-2000
3	UPDATED DRAWING	RJW	04-30-2007	.XX	±.03	TITLE OUTLINE - TEFC - TGP	
2	REISSUE; UPDATED C'BOX GEOMETRY MU24472	DRS	05-25-2000	.XXX	±.005	280HP FR. - BB - P-BASE - 11.00 LAM.	
1	NEW DRAWING MU24472	NJS	04-20-2000	.XXXX	±.0005	MATL	SCALE 1=4.5
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	REF
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 SS311026	PREV	FMF
						SIZE	DRAWING NO. PAGE OF REV.
						DIST LB	B SS311026 3

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		TITLE CONNECTION DIAGRAM	SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			PREV				
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