

# PRODUCT INFORMATION PACKET

marathon®  
Motors

Model No: 286TTGN1076

Catalog No: U955

Other Purpose Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM,  
286T Frame, EPFC



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E

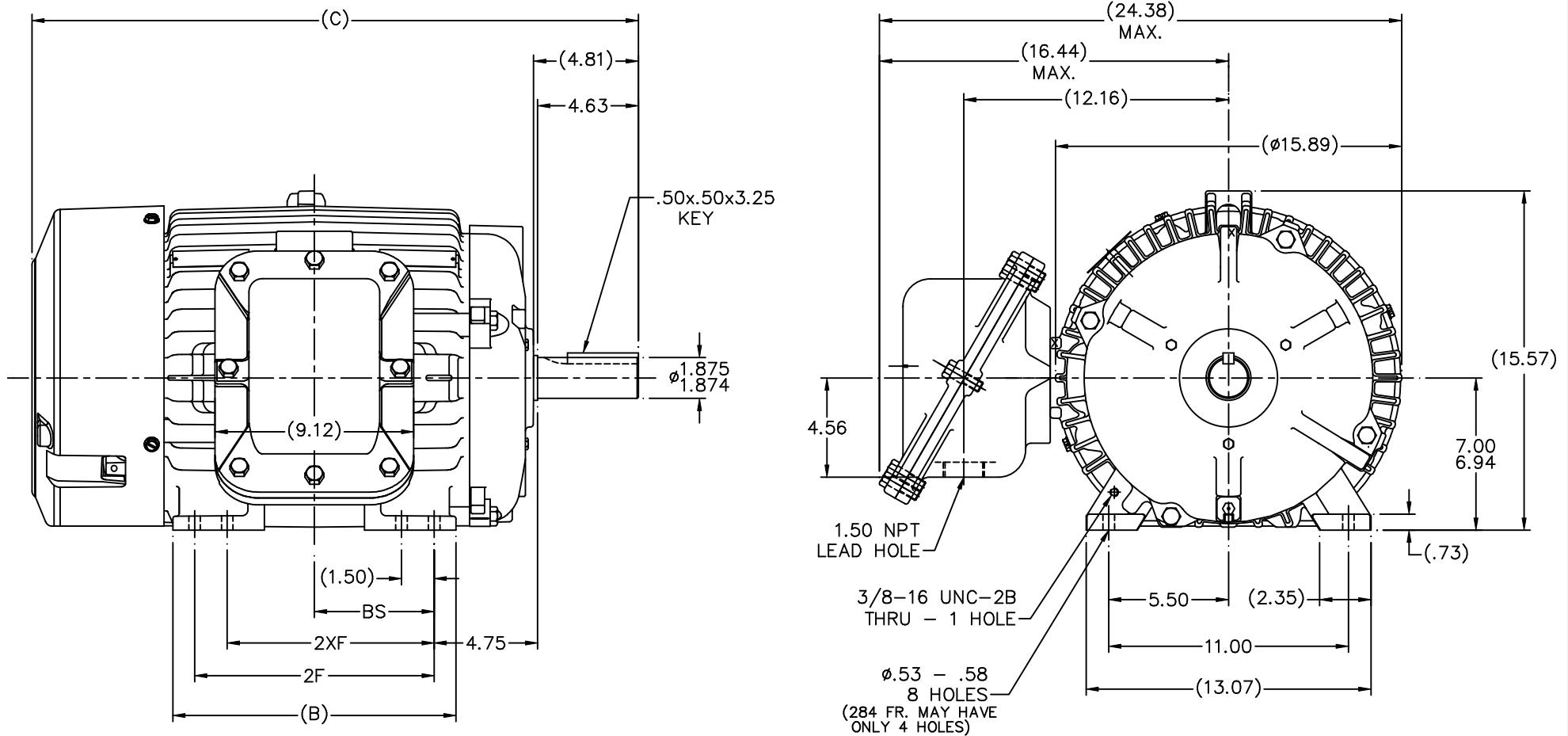
RegalRexnord

### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>20 &amp; 15 Hp</b>
Output KW	<b>14.9 &amp; 11.2 kW</b>	Voltage	<b>230/460 &amp; 190/380 V</b>
Speed	<b>1170 &amp; 975 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>286T</b>	Enclosure	<b>Explosion Proof Fan cooled</b>
Thermal Protection	<b>No Protection</b>	Efficiency	<b>90.2 &amp; 89.5 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>54/27 &amp; 50/25 A</b>	Power Factor	<b>78.4</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>G</b>
Drive End Bearing Size	<b>6311</b>	Opp Drive End Bearing Size	<b>6210</b>
UL	<b>Listed</b>	CSA	<b>Y</b>
CE	<b>N</b>	IP Code	<b>54</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Line Or Inverter</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.435 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>T</b>	Overall Length	<b>27.84 in</b>
Frame Length	<b>14.25 in</b>	Shaft Diameter	<b>1.875 in</b>
Shaft Extension	<b>4.81 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Connection Drawing	<b>A-EE7308</b>	Outline Drawing	<b>B-SS311003-1425</b>



- NOTES:  
 1. BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.  
 2. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2XF	BS
1275	284T	12.50	26.34	9.50	4.75	
1425	284/6T	13.00	27.84	11.00	9.50	5.50

5	UPDATED DRAWING	RJW 04-30-2007	TOLERANCES UNLESS SPECIFIED		DRAWN DA 03-12-1999
4	ADDED 284 FRAME TO DASH 1425 MU28939	MJD 02-15-2000	DEC. INCHES		CHK ML 04-15-1999
3	UPDATED C'BOX GEOMETRY PER CASTING		.X ±.1		APPD SW 04-15-1999
	CHANGE CN29010	DRS 01-31-2000	.XX ±.03	TITLE OUTLINE - EXP. PR. - TGN	SCALE 1=4.5
2	REV'D. 'C' DIM. FOR C.I. FAN GUARD		.XXX ±.005	280T FR. - BB - STD - 12.50 LAM.	REF
	REV'D. CONDUIT BOX CN27400-239	DA 07-12-1999	.XXXX ±.0005	MATL	FMF
NO.	REVISION	BY & DATE	CHK ANG ±7'30"	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 SS311003
				DIST LB-BR	SIZE B
					DRAWING NO. SS311003
					PAGE 5



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				
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 ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					