

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 286TTFC4076

Catalog No: E968

Other Purpose Motor, 20 & 20 HP, 3 Ph, 60 & 50 Hz, 208 - 230/460 & 190/380 V, 1200 & 1000 RPM,
286T Frame, TEFC

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The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

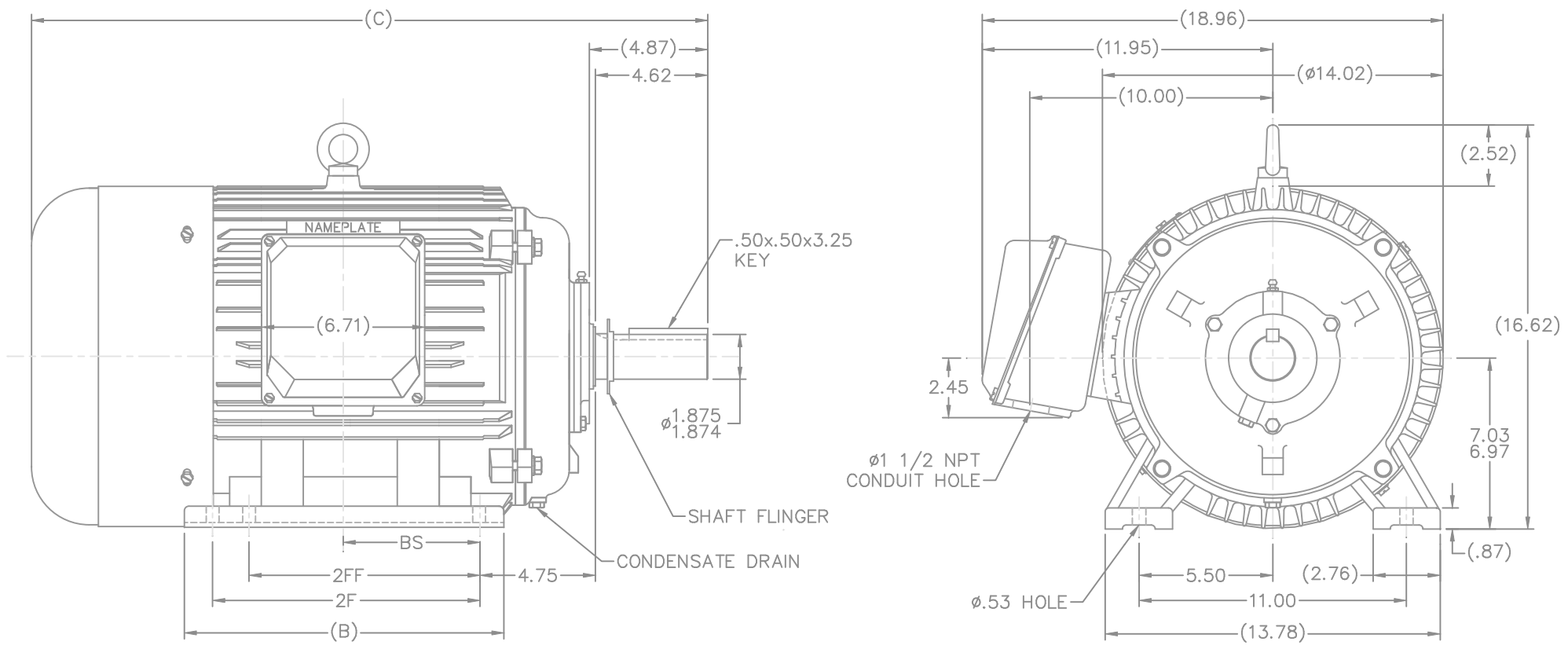
Nameplate Specifications

Phase	3	Output HP	20 & 20 Hp
Output KW	15.0 & 15.0 kW	Voltage	208 - 230/460 & 190/380 V
Speed	1180 & 975 rpm	Service Factor	1.15 & 1.15
Frame	286T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	58.2 - 52.6/26.3 & 62.0/31.0 A	Power Factor	78.9
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6309
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	6	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	27.83 in	Shaft Diameter	1.875 in
Shaft Extension	4.87 in	Assembly/Box Mounting	F1 ONLY
Outline Drawing	16953960ME-286T	Connection Drawing	A-EE7308K

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NOTE: 286T HAS 6 MTG. HOLES, USING 284T AND 286T LOCATIONS

DASH	FRAME	C	B	BS	2F	2FF
1248	284T	26.26	11.61	4.90	--	9.50
1398	286T	27.83	13.11	5.68	11.00	9.50

		TOLERANCES UNLESS SPECIFIED		DRAWN	
		DEC.	INCHES	TJB 05-29-2003	
		.X	±.1	CHK	ML 05-29-2003
		.XX	±.03	APPD	GK 05-29-2003
		.XXX	±.005	SCALE	1=4
		.XXXX	±.0005	REF	
		CHK	ANG ±7'30"	FMF	
		RFP		PREV	
1 NEW DRAWING		TJB 05-29-2003		CAD FILE 16953960me	
NO. REVISION		BY & DATE		SIZE	DRAWING NO. PAGE OF REV.
				B	169539-60ME 1
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TITLE OUTLINE - RIGID
280T FR. - TEFC


LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN PGK 06-04-1997			
NO.	REVISION	BY & DATE	CHK	ANG		±	INCHES	SCALE	PREV
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.				CHK ML 06-05-1997	
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	±.1			APPD GK 06-15-1997	
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	±.02		TITLE CONNECTION DIAGRAM		
7	REVISED HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	±.005		TITLE DELTA CON. - 3Ø - 9 LEADS	REF	
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	±.0005		MAT'L.	FMF	
					±7'30"		FINISH		
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