

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 256TTFC4076

Catalog No: U642

General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 1200 & 1000 RPM,  
256T Frame, TEFC

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**RegalRexnord**

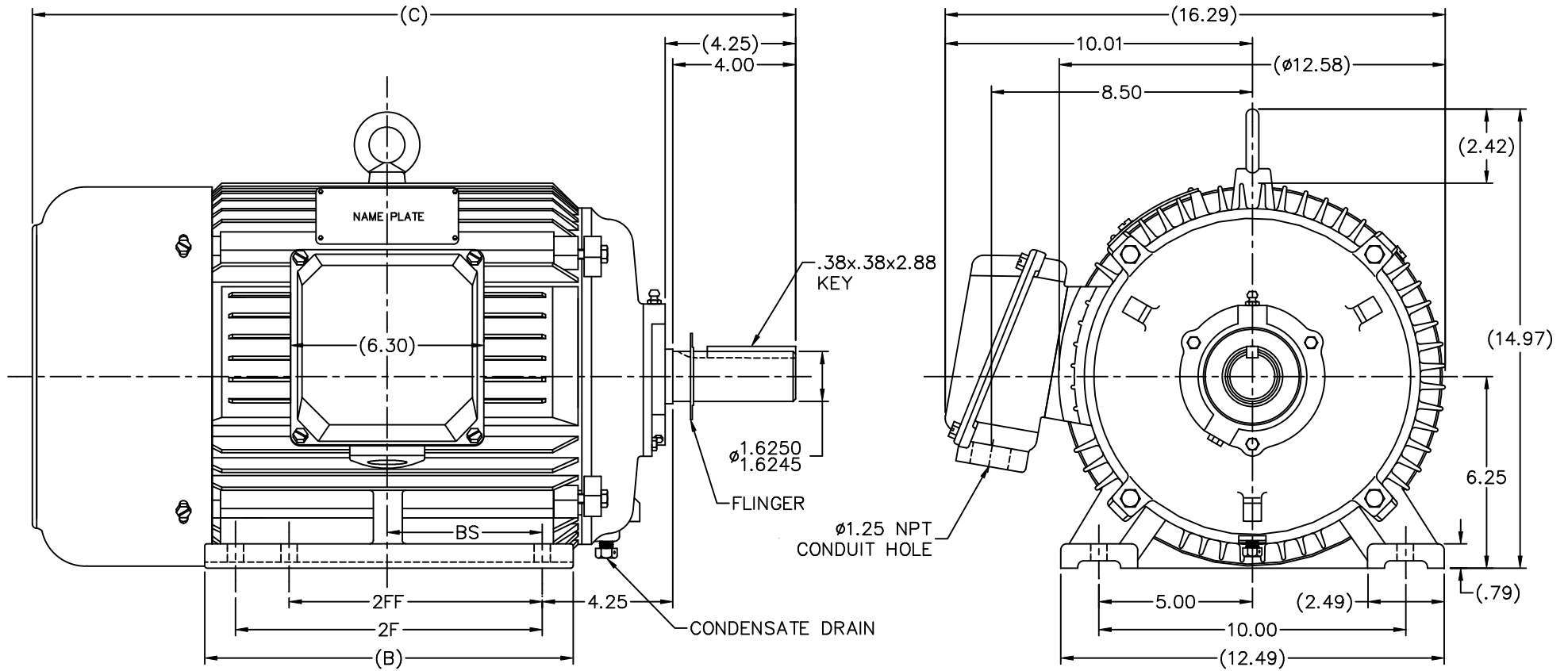
### Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.5 kW	Voltage	208-230/460 & 190/380 V
Speed	1175 & 975 rpm	Service Factor	1.15 & 1.15
Frame	256T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	28.3-26.2/13.1 & 24.0/12.0 A	Power Factor	80
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	NONE	Opp Drive End Bearing Size	NONE
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	23.19 in	Shaft Diameter	1.625 in
Shaft Extension	4 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308K	Outline Drawing	16953860ME-256T

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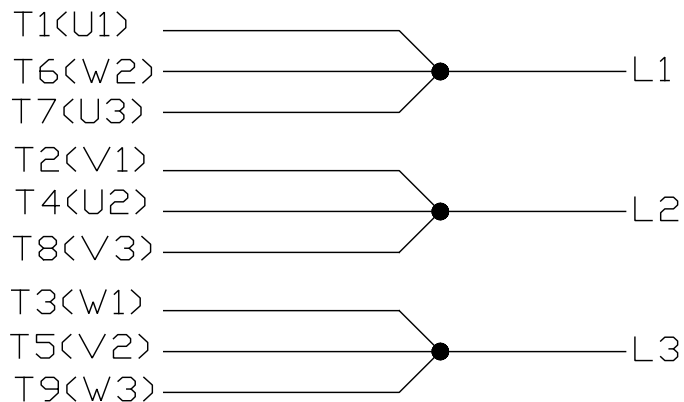


NOTE: 256T HAS 6 MTG. HOLES, USING BOTH 254T AND 256T "2F" LOCATIONS.

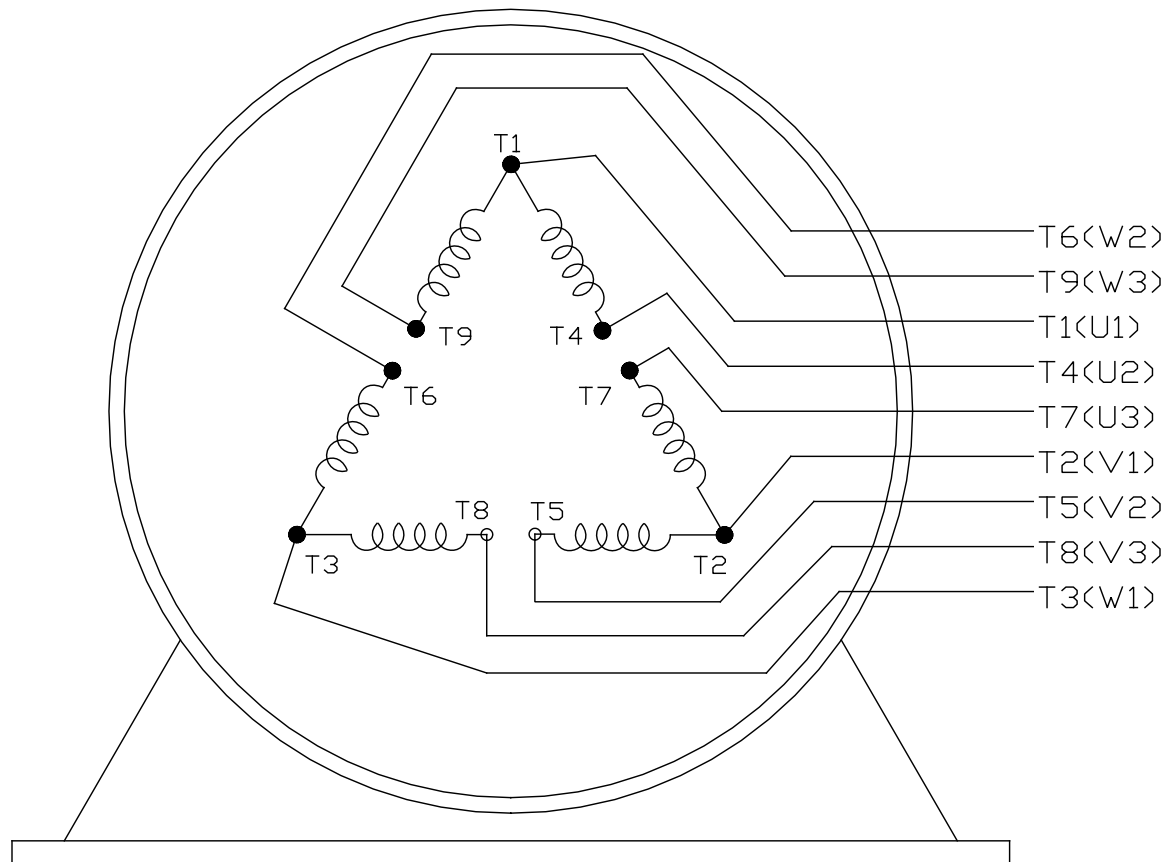
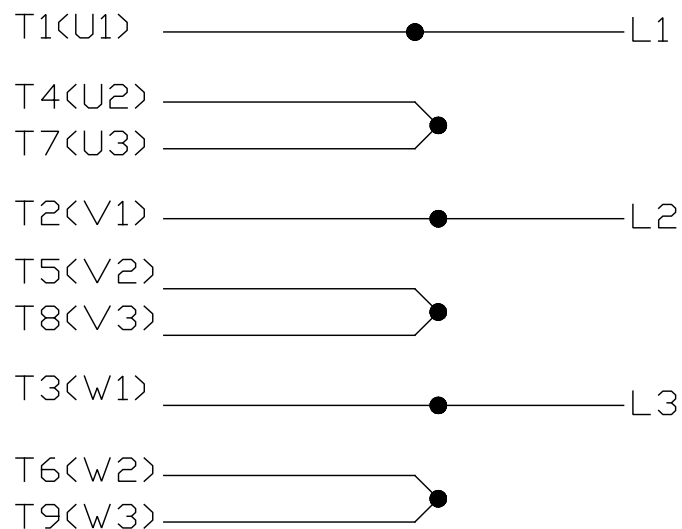
											TOLERANCES UNLESS SPECIFIED				DRAWN TJB 05-29-2003								
											DEC.	INCHES			CHK ML 05-29-2003								
											.X	±.1			APPD GK 05-29-2003								
											.XX	±.03	TITLE OUTLINE - RIGID 250 FR. - TEFC		SCALE 5=16								
											.XXX	±.005			REF								
DASH	FRAME	C	BS	B	2F	2FF	1	NEW DRAWING		TJB 05-29-2003	ML	.XXXX	±.0005	MAT'L		FMF							
1248	254T	23.19	6.24	3.94	--	8.25	NO.	REVISION		BY & DATE	CHK	ANG	±7°30"	FINISH		PREV							
1398	256T	24.92	5.49	4.81	10.00	8.25	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 16953860ME		SIZE B	DRAWING NO. 169538-60ME	PAGE OF 1	REV. 1
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LOW VOLTAGE


EE7308K



## HIGH VOLTAGE



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 <b>REGAL - BELOIT CORPORATION</b>	DRAWN PGK 06-04-1997						
E	CORRECTED IEC MARKINGS	ECO-0111208	WGJ 01-23-2017	EMH	DEC.		INCHES	CHK	ML	06-05-1997			
D	RE-DRAWN WITH REGAL LOGO	ECO-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 DELTA CON. - 3Ø - 9 LEADS			SCALE		
7	REVISD HIGH VOLTAGE L2 WAS L3	CN52600-354	MRB 09-21-1998		.XXX		±.005				REF		
6	REDRAWN ON CADD	PGK 06-05-1997			.XXXX	±.0005	MAT'L.			FMF			
NO.	REVISION	BY & DATE	CHK	ANG	± 7'30"		FINISH			PREV			
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