

# PRODUCT INFORMATION PACKET

Model No: 213TTDC6076  
Catalog No: U268  
3,1200,DP,213T,3/60/230/460  
Open Drip Proof (ODP)



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

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E





### Nameplate Specifications

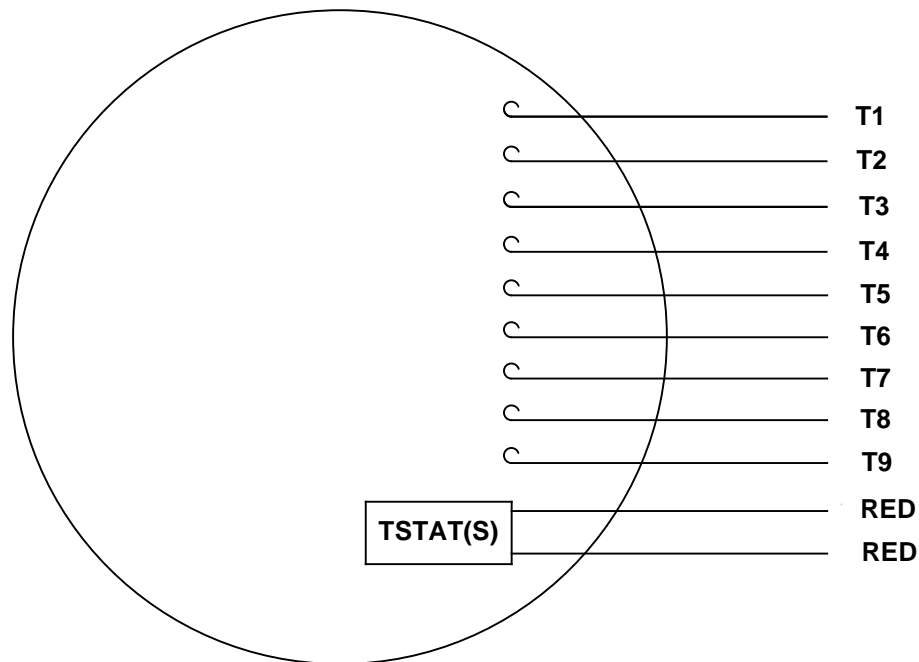
Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>208-230/460 V</b>
Current	<b>10.2-10.0/5.0 A</b>	Speed	<b>1185 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>88.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>K</b>	Frame	<b>213T</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6308</b>
Opp Drive End Bearing Size	<b>6208</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>N</b>
IP Code	<b>22</b>		

### Technical Specifications

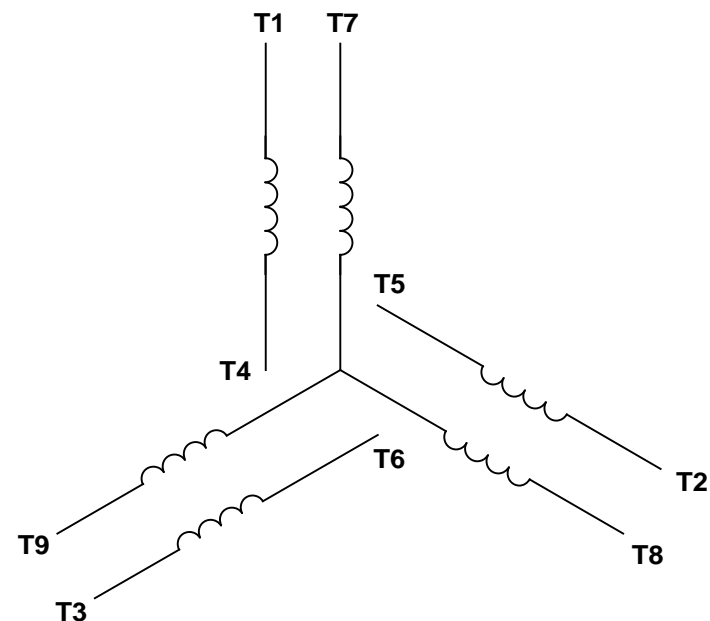
Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>6</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Cast Iron</b>	Shaft Type	<b>T</b>
Overall Length	<b>16.38 in</b>	Shaft Diameter	<b>1.375 in</b>
Shaft Extension	<b>3.38 in</b>	Assembly/Box Mounting	<b>F1 Only</b>
Outline Drawing	<b>16954960ME</b>	Connection Diagram	<b>005010-20ME</b>

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created: 07/02/2018

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4, T7) (T5, T8) (T6, T9)
LOW	T1, T7	T2, T8	T3, T9	T4, T5, T6

RBC PROPRIETARY AND CONFIDENTIAL INFORMATION  
 This document is the property of REGAL BELOIT CORPORATION ("RBC") including its subsidiaries and divisions and contains proprietary information of RBC. This document is loaned on the express condition that neither it nor the information contained therein shall be disclosed to others without the express written consent of RBC, and that the information shall be used by the recipient only as approved expressly by RBC. This document shall be returned to RBC upon its request. This document may be subject to certain restrictions under U.S. export control laws and regulations.

				TOLERANCES UNLESS SPECIFIED				DRAWN RDW 04/13/04		
				DEC	INCHES			CHK		
				.X	±.1			APPR		
				.XX	±.01			SCALE 1:1		
				.XXX	±.005	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE		REF		
--	REDRAWN IN SOLIDWORKS	VJB 02/08/11		.XXXX	±.0005	MAT'L DECAL - 004014 (TSTAT) - 080582		FMF 129027		
NO	REVISION	BY & DATE	CHK	ANG	±1/2°	FINISH		PAGE OF		
THIRD ANGLE PROJECTION			RFP		PREV		SIZE	DRAWING NO		REV
			NETWORK FILE NAME		00501020ME		A	005010-20ME		--



\*\* Subject to change without notice.

Data Sheet

Date: 29-06-2017  
 Customer: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Submitted by: FAREEDA DUDEKULA



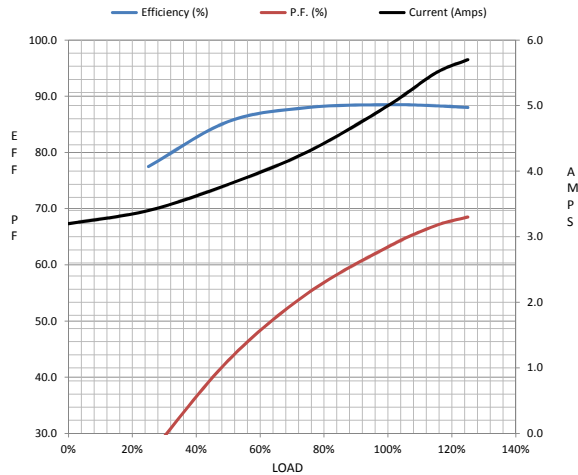
213TTDC6076

Submittal

Data @ 460 V

Motor Load Data								
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.2	3.4	3.8	4.3	5.0	5.5	5.7	31.0
Torque (ft-lb)	0.00	3.3	6.6	10.0	13.3	15.4	16.7	29.5
RPM	1200	1197	1192	1188	1185	1,180	1178	0
Efficiency (%)		77.5	85.5	88.0	88.5	88.3	88.0	
P.F. (%)	6.0	26.0	43.0	55.0	63.2	67.0	68.5	0.0

Motor Speed Data						Information Block				
	LR	Pull-Up	BD	Rated	Idle					
Speed (RPM)	0	600	1050	1185	1200	HP	3.0			
Current (Amps)	31.0	28.0	19.7	5.0	3.2	Sync. RPM	1200			
Torque (ft-lb)	29.5	26.5	50.0	13.3	0.00	Frame	213			
						Enclosure	DP			
						Construction	TDC			
						Voltage	3-230/460#200/4V			
						Frequency	60 Hz			
						Design	B			
						LR Code letter	K			
						Service Factor	1.15			
						Temp Rise @ FL	25 ° C			
						Duty	CONT			
						Ambient	40 ° C			
						Elevation	1,000 feet			
						Rotor/Shaft wk²	0.00 Lb-FT²			
						Ref Wdg	T10706007 NONE			
						Sound Pressure @ 1M	65 dBA			
						VFD Rating	NONE			
						Outline Dwg	169549-60ME			
						Conn. Diag	005010-20ME			
						Additional Specifications:				
						0				
						365THFS8036				
						EQUIV CKT (OHMS / PHASE)				
						R1	R2	X1	X2	Xm
						0.0000	0.0000	0.0000	0.0000	0.0000



Information Block				
HP	3.0			
Sync. RPM	1200			
Frame	213			
Enclosure	DP			
Construction	TDC			
Voltage	3-230/460#200/4V			
Frequency	60 Hz			
Design	B			
LR Code letter	K			
Service Factor	1.15			
Temp Rise @ FL	25 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk²	0.00 Lb-FT²			
Ref Wdg	T10706007 NONE			
Sound Pressure @ 1M	65 dBA			
VFD Rating	NONE			
Outline Dwg	169549-60ME			
Conn. Diag	005010-20ME			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

