

PRODUCT INFORMATION PACKET

Model No: 215TTDBD6076
Catalog No: GT0014A
5,1200,DP,215T,3/60/230/460
Open Drip Proof (ODP)



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Product Information Packet: Model No: 215TTDBD6076, Catalog No:GT0014A 5,1200,DP,215T,3/60/230/460

Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	60 Hz	Voltage	230/460 V
Current	13.7/6.9 A	Speed	1179 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	Frame	215T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal Or Shaft Down
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	17.52 in	Frame Length	11.15 in
Shaft Diameter	3.38 in	Shaft Extension	1.375 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	SS620684	Connection Diagram	EE7308

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EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

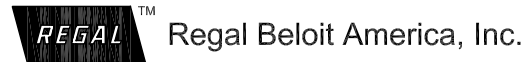
REF.
WINDING DIAGRAM

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			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 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					





**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM:
OUTLINE:
WINDING #:

CUSTOMER DATA SHEET
CUSTOMER PO #:
MODEL #:
CUSTOMER PART #:
MOUNTING:

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN	
583	3.70&2.24	1200	1179&987	213T	DP	J	B	
PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	13.7/6.9&10.7/5.4	LINE OR INVERTER	CONTINUOUS	F3	1.15/1.15	40

FULL LOAD EFF:	89.5&89.2	3/4 LOAD EFF:	90.1	1/2 LOAD EFF:	88.5	GTD. EFF	88.5	ELEC. TYPE
FULL LOAD PF:	76&71	3/4 LOAD PF:	72.1	1/2 LOAD PF:	61.3	SQ CAGE INV RATED		

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.3 LB-FT	96 / 48	41 LB-FT 184 %	62.5 LB-FT 280 %	45

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
55 DBA	65 DBA	1.05 LB-FT^2	110 LB-FT^2	25 SEC.	2	225 LBS.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL OR SHAFT DOWN	FALSE	NONE	FALSE	RODENT	BLUE (ENAMEL)

BEARINGS DE	GREASE ODE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
BALL 6307	BALL	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)
						ROLLED STEEL

THERMO-PROTECTORS						
THERMOSTATS	PROTECTORS	WDG RTDS	BRG RTDS	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NONE

INVERTER
TORQUE: CONSTANT 20:1/VARIABLE 20:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE
 NONE NONE
 NONE NONE PPR

BRAKE: NONE NONE
 NONE P/N NONE
 NONE NONE
 NONE FT-LB NONE V NONE HZ

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PREPARED BY: Fareeda Dudekula

DATE: 05/04/2018 03:55:13 AM

FORM: 3531 REV.3 02/07/99

**** Subject to change without notice.**

MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

460

Volts

HP 4.96&3.01

PHASE 3

Model No 215TTDBD6076

60

HZ

VOLTS 230/460&190/380

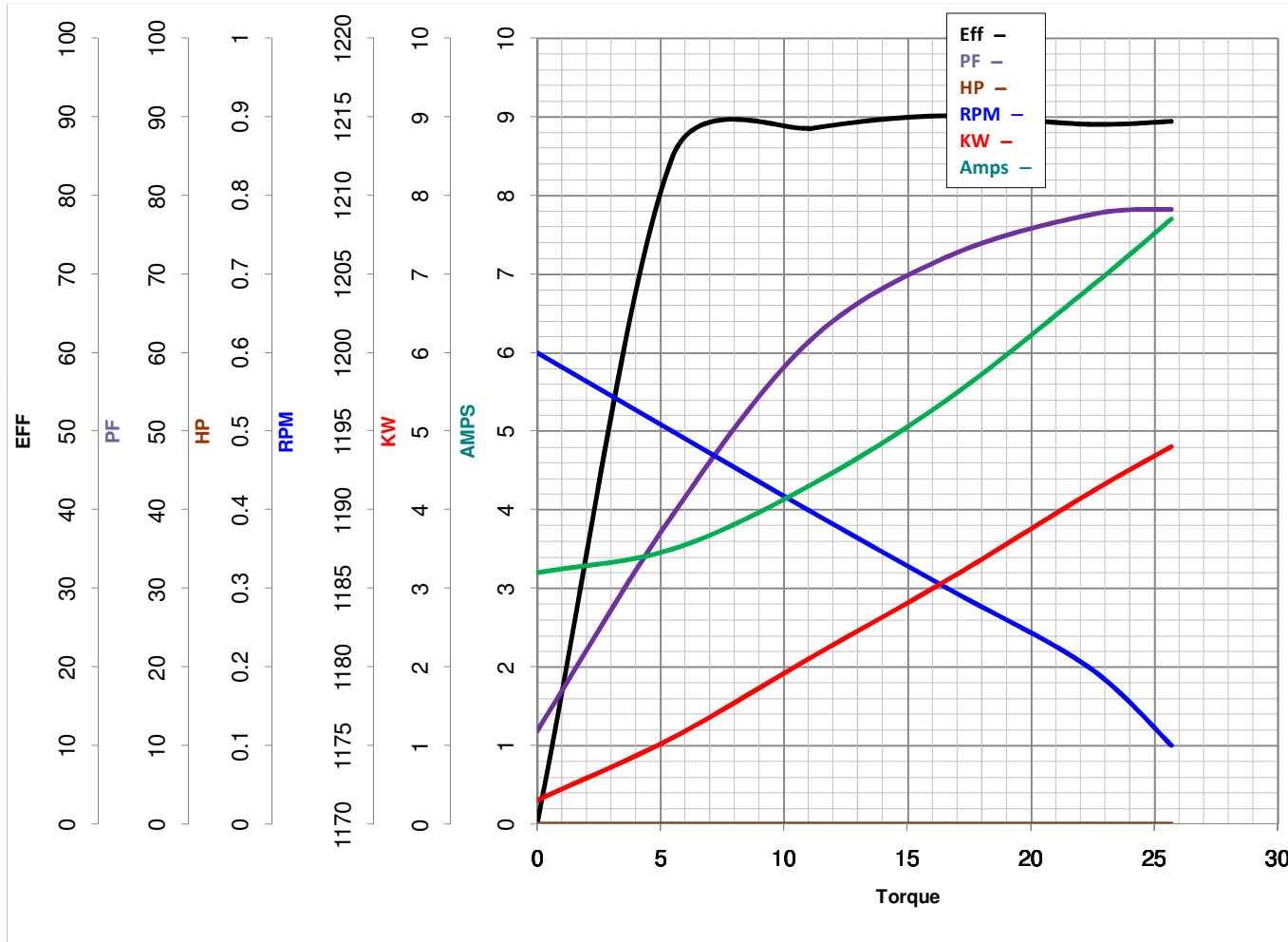
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HP

Catalog No GT0014A

HZ 60&50

RPM 1179&987



Torque in Oz.Ft

FL TORQUE 22.3 Oz.Ft

BD TORQUE 62.5 Oz.Ft

LR TORQUE 41 Oz.Ft

FL AMPS 13.7/6.9

PU TORQUE 35.0 Oz.Ft

LR AMPS 48

WINDING HE31326015-0

Prepared By

FAREEDA

Date

5/4/2018