

PRODUCT INFORMATION PACKET



Model No: 213TTDBD6012
Catalog No: GT2418A
10,3600,DP,213JP,3/60/230/460
JP



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Nameplate Specifications

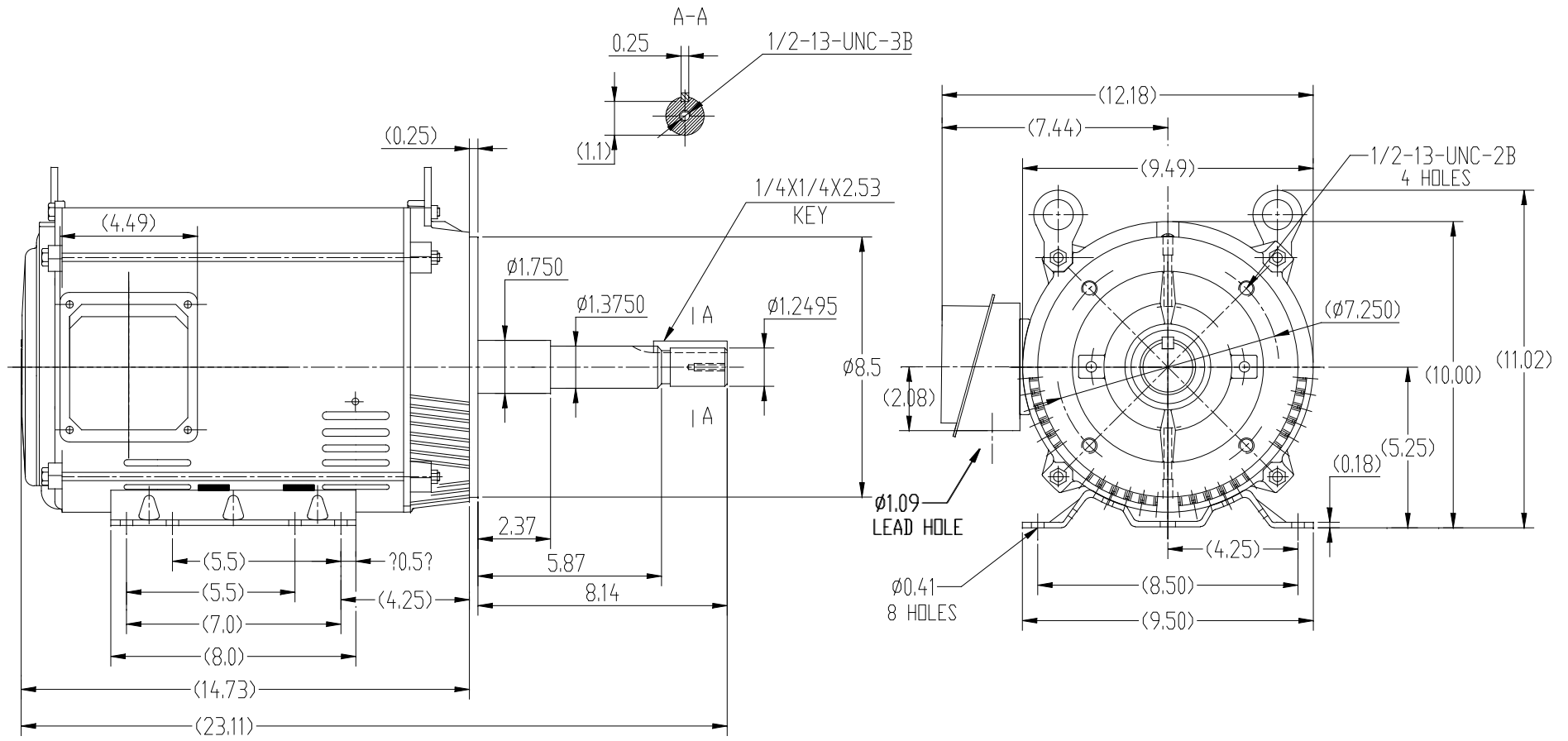
Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	24.3/12.2 A	Speed	3520 rpm
Service Factor	1.15	Phase	3
Efficiency	89.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	213TV
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6202	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

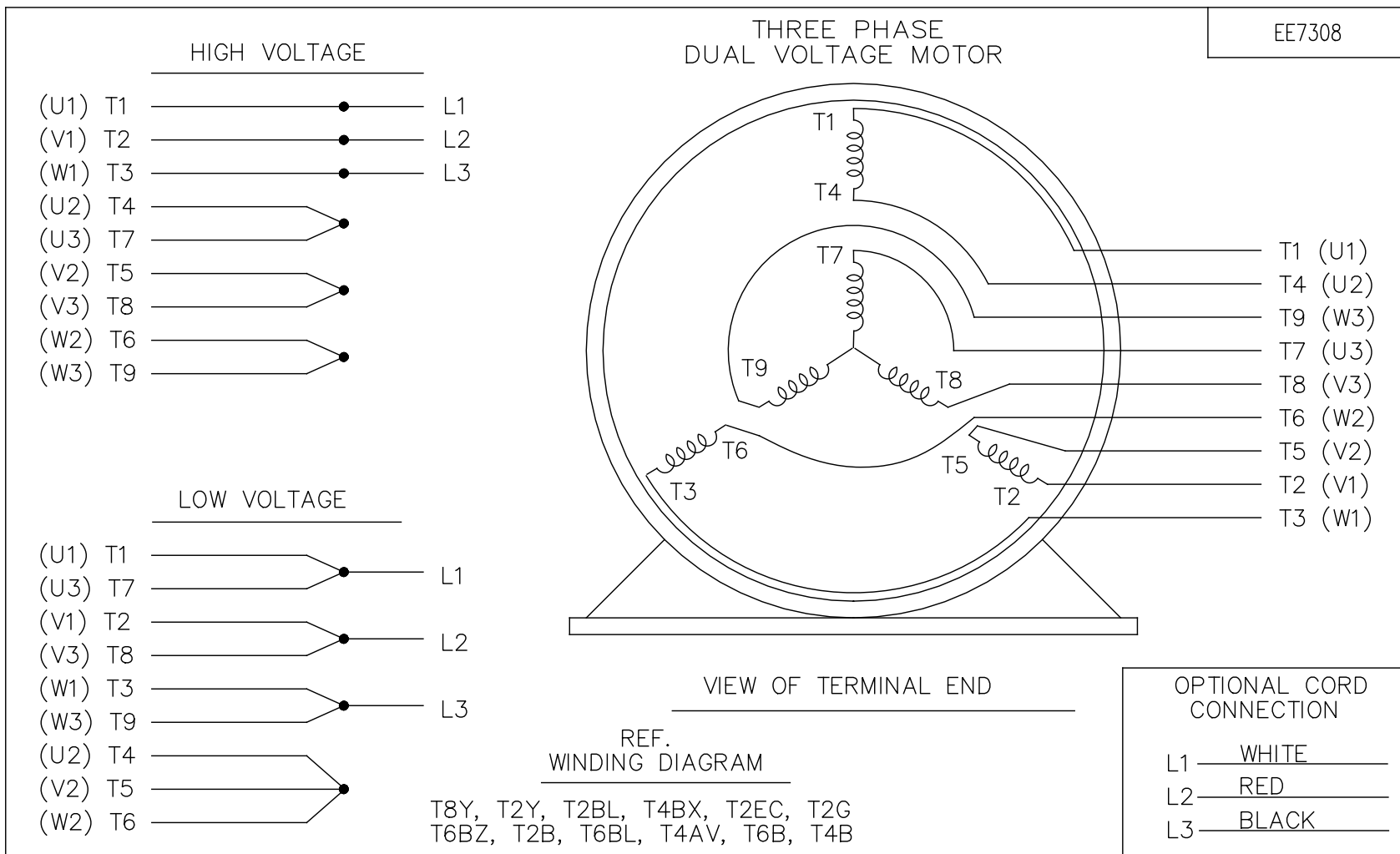
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal Or Shaft Down
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Frame Length	11.15 in	Shaft Diameter	1.249 in
Shaft Extension	8.39 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	SS620793	Connection Diagram	EE7308

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SS620793



		TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN ZYH 4-1-2017	
		DEC.	INCHES			CHK WANG YAN 4-1-2017	
		.X	±.1			APPD	
		.XX	±.03	TITLE		SCALE 1=5	
		.XXX	±.005	ODP-213/215JP FR-ROLLED STEEL		REF	
1	UPDATED KEY DETAILS	XIAOWEI ZHU 29/05/2017	YZ XXXX ±.0005	MAT'L		FMF WUXI	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH	PREV
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NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		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		REF	
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		FMF	
					±7'30"		PREV	
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**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: EE7308
OUTLINE: SS620793
WINDING #: HE31322016 0 A

CUSTOMER
PO #:
MODEL #: 213TTDBD6012 A
CUSTOMER PART #:
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
10&7 1/2	7.50&5.60	3600	3520&2925	213TV	DP	G	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	24.3/12.2&22/11	LINE OR INVERTER	CONTINUOUS	F3	1.15/1.15	40

FULL LOAD EFF:		89.5&89.2	3/4 LOAD EFF:	90.9	1/2 LOAD EFF:	89.1	GTD. EFF	ELEC. TYPE
FULL LOAD PF:		86&86	3/4 LOAD PF:	81.9	1/2 LOAD PF:	72.2	88.5	SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE		B.D. TORQUE		F.L. RISE°C
14.9 LB-FT	146 / 73	25 LB-FT	168 %	40 LB-FT	268 %	0

SOUND PRESSURE @ 3 FT.		SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
75 dBA	85 dBA	0.42 LB-FT^2	12 LB-FT^2	10 SEC.	2	100 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		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL		FRAME MATERIAL
DE	ODE							
BALL	BALL	POLYREX EM		T	NONE	NONE		1045 HOT ROLLED (C-204)
6307	6202							ROLLED STEEL

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

* INVERTER								
TORQUE: CONSTANT 20:1/VARIABLE 20:1								
INV. HP SPEED RANGE: NONE								
ENCODER: NONE								
NONE NONE PPR								
NONE								
BRAKE: NONE NONE								
NONE P/N NONE								
NONE NONE								
NONE FT-LB NONE V NONE HZ								

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PREPARED BY: Anusha Muthyala

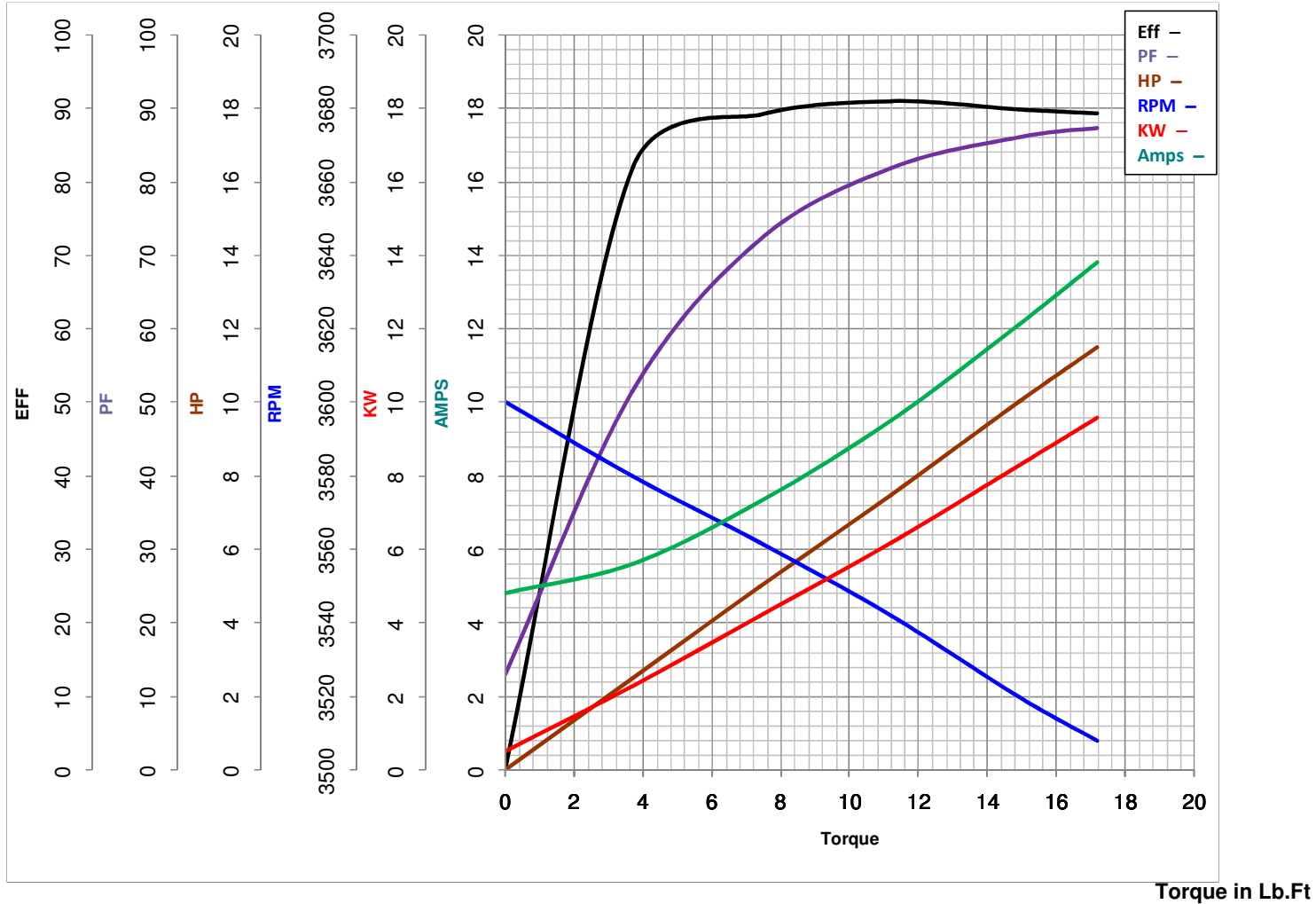
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FORM 3531 REV.3 02/07/99

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MARATHON ELECTRIC CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer**Curve at**460**Volts****HP** 10&7.5**PHASE** 3**Model No** 213TTDBD601260**HZ****VOLTS** 230/460&190/38010**HP****Catalog No** GT2418A**HZ** 60&50**RPM** 3520&2925**FL TORQUE** 14.9 **Lb.Ft****BD TORQUE** 40.0 **Lb.Ft****LR TORQUE** 25 **Lb.Ft****FL AMPS** 24.3/12.2**PU TORQUE** 21.3 **Lb.Ft****LR AMPS** 73**WINDING** HE31322016-0**Prepared By**

ANUSHA M

Date

5/4/2018