

PRODUCT INFORMATION PACKET

Model No: 215TCDW7004

Catalog No: Z431

10 HP Close-Coupled Pump Motor, 1 phase, 3600 RPM, 230 V, 215JP Frame, ODP
JP Motors





Nameplate Specifications

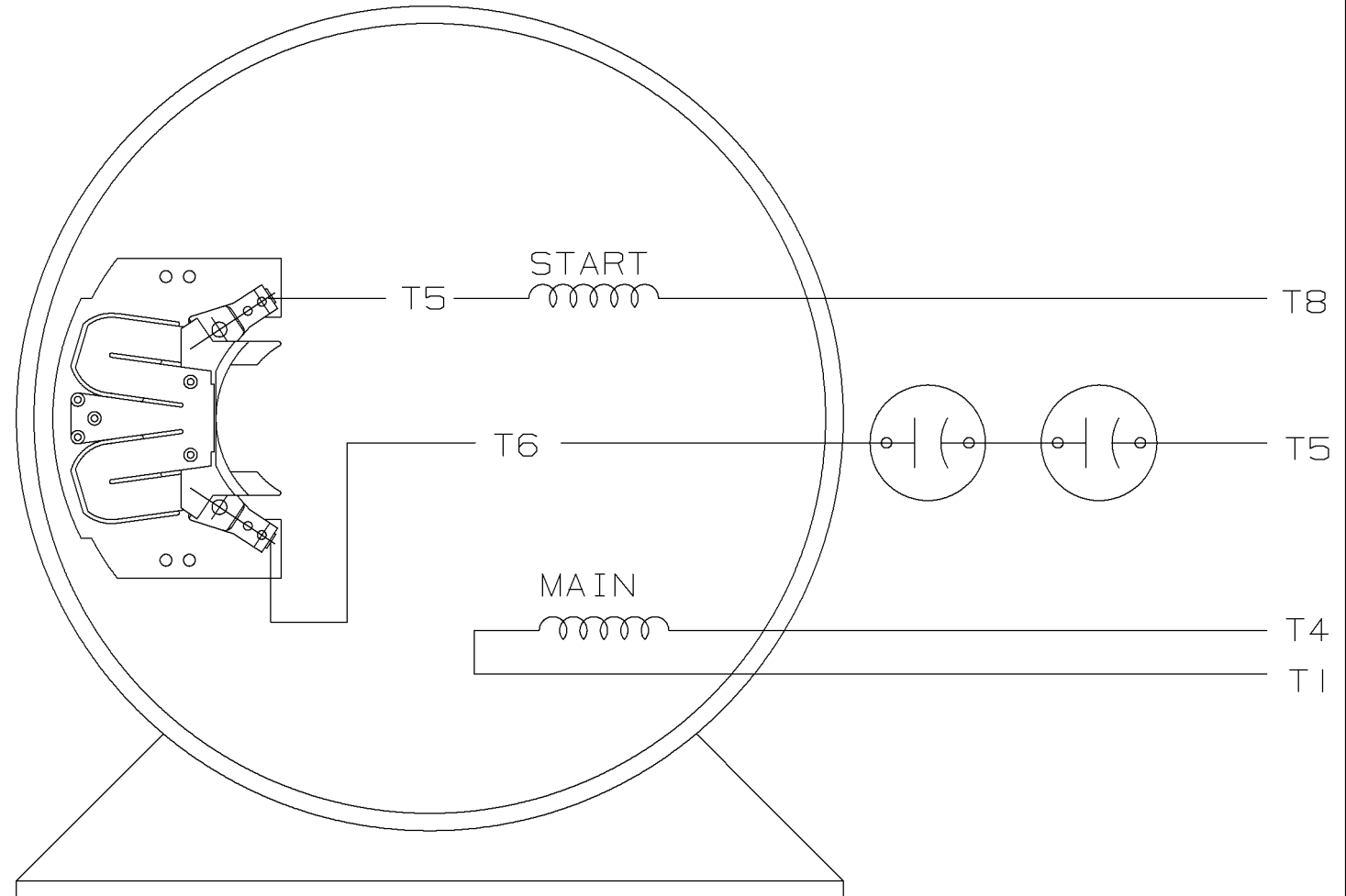
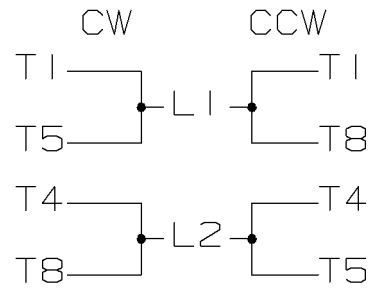
Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	230 V
Current	47.0 A	Speed	3465 rpm
Service Factor	1.15	Phase	1
Efficiency	81.5 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	L	KVA Code	G
Frame	215JP	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	22

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Overall Length	23.81 in
Shaft Diameter	1.250 in	Shaft Extension	8.15 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	037644-1115	Connection Drawing	A-EE7090JL

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SINGLE VOLTAGE CAPACITOR START
MOTOR, ELECTRICALLY REVERSIBLE



VIEW OF TERMINAL END

				<input checked="" type="checkbox"/> MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX±.02 XXX±.005 XXXX±.0005 ANGLES± 7'30"			
				MATL SPEC	180 - 210 SWITCH	DRAWN BY	GK	09-24-1986
				FINISH		CHKD BY	ML	11-04-1986
				REFERENCE DRW.		WAUSAU, WISCONSIN 54401	APPD BY	FG
				PART NAME	CONNECTION DIAGRAM			DRWG NO
								A- EE7090JL

REV	DATE	CHANGE	NAME	SHOP BOOK	PURCHASED	DISTRIBUTION - WA - LB - WP - LM - BR	CADD FILE NO.	EE7090JL
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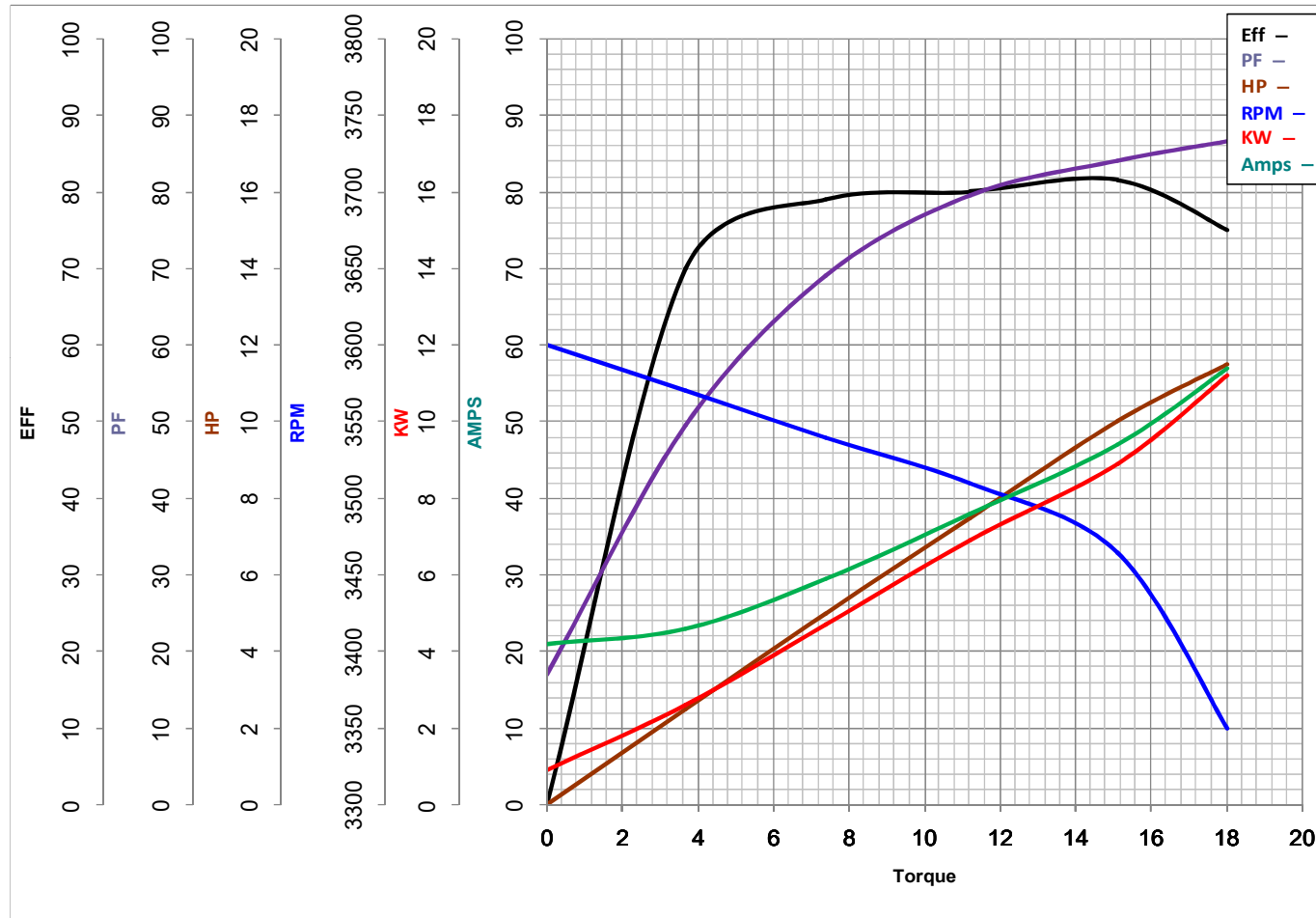
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STACK:
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MARATHON ELECTRIC CORPORATION
TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer _____ Curve at 230 Volts HP 10.00 PHASE 1
 Model No 215TCDW7004 60 HZ
10 HP VOLTS 230
 Catalog No Z431 HZ 60 RPM 3465



Torque in Lb.Ft

FL TORQUE	<u>15.1</u>	Lb.Ft	FL AMPS	<u>47</u>
BD TORQUE	<u>34.3</u>	Lb.Ft	PU TORQUE	<u>23.0</u>
LR TORQUE	<u>23.1</u>	Lb.Ft	LR AMPS	<u>249</u>
WINDING	CK10250-2		Date	1/17/2019