

# PRODUCT INFORMATION PACKET

Model No: 182TCDR8005  
Catalog No: Z425  
3,3600,DP,182JP,1/60/115/230  
JP



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### Nameplate Specifications

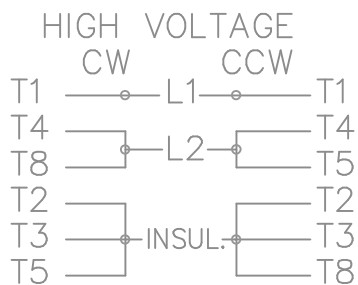
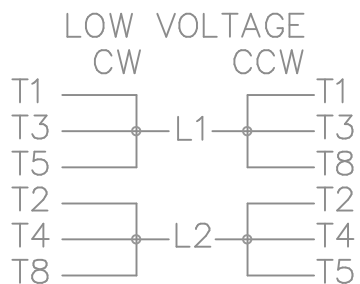
Output HP	<b>3 Hp</b>	Output KW	<b>2.2 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>115/230 V</b>
Current	<b>32.0/16.0 A</b>	Speed	<b>3460 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>74 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>L</b>
KVA Code	<b>G</b>	Frame	<b>182JP</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6307</b>
Opp Drive End Bearing Size	<b>6205</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>23</b>		

### Technical Specifications

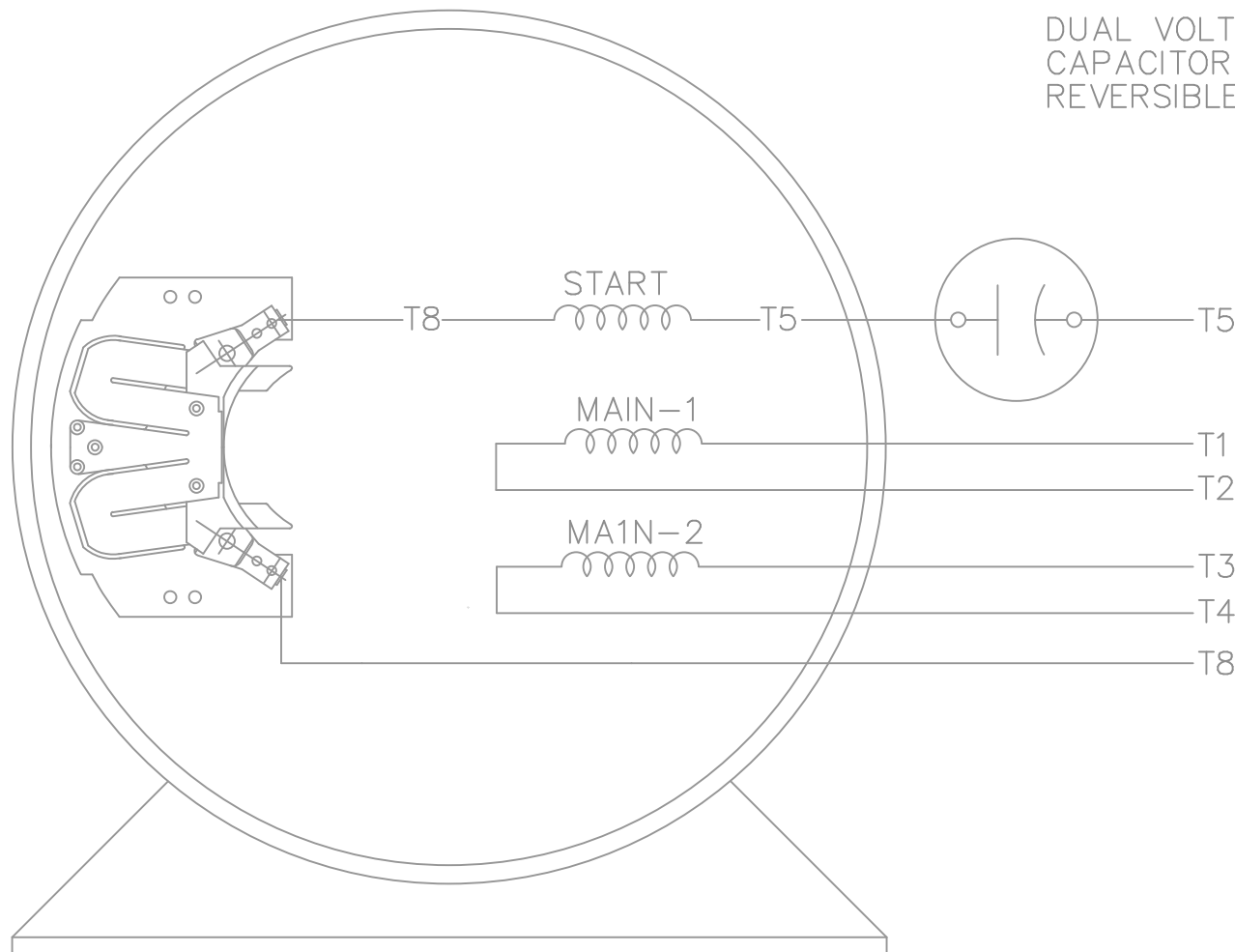
Electrical Type	<b>Capacitor Start Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Selective Counterclockwise</b>
Mounting	<b>Rigid base</b>	Motor Orientation	<b>Horizontal</b>
Drive End Bearing	<b>Ball</b>	Opp Drive End Bearing	<b>Ball</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>JP</b>
Overall Length	<b>18.65 in</b>	Frame Length	<b>6.25 in</b>
Shaft Diameter	<b>0.875 in</b>	Shaft Extension	<b>7.31 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>A-SS67000-625</b>	Connection Diagram	<b>A-EE7085FP</b>

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DUAL VOLTAGE  
CAPACITOR START  
REVERSIBLE



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN GK 09-24-1986			
			DEC.	INCHES		CHK FG 09-24-1986			
			.X	± -	TITLE CONNECTION DIAGRAM	APPD ML 09-24-1986	SCALE 1=1		
2	REDRAWN IN AUTOCAD	RWR 08-02-2004	.XX	± -		REF			
1	NEW DRAWING CN7664C	GK 12-15-1996	.XXX	± -		MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK ANG	± -		FINISH	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 EE7085FP	SIZE A	DRAWING NO. EE7085FP	PAGE 1 OF 1	REV. 2
			DIST LB						

