

# PRODUCT INFORMATION PACKET

Model No: 145TTDR16359  
Catalog No: C122B  
2,1800,DP,145TC,3/60/230/460  
Open Drip Proof (ODP)



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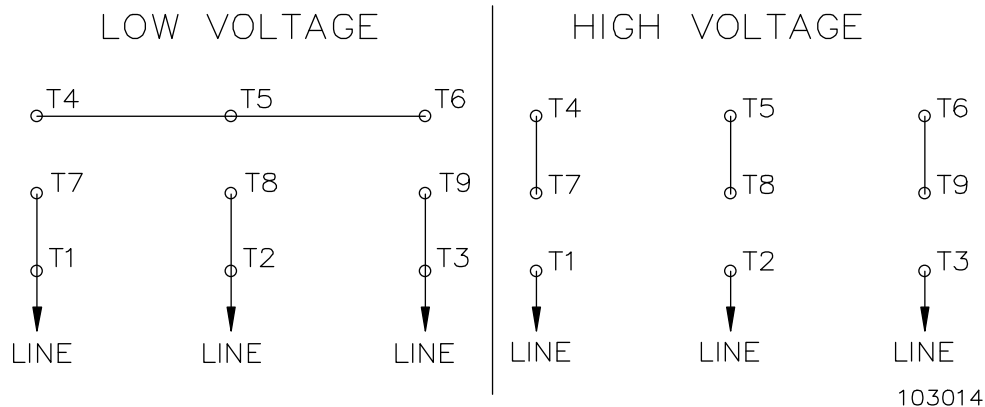
### Nameplate Specifications

Output HP	<b>2 Hp</b>	Output KW	<b>1.5 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>6.0/3.0 A</b>	Speed	<b>1750 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>86.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>N</b>	Frame	<b>145TC</b>
Enclosure	<b>Drip Proof</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6205</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</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>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Round</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>T</b>
Overall Length	<b>13.5 in</b>	Frame Length	<b>8.65 in</b>
Shaft Diameter	<b>0.875 in</b>	Shaft Extension	<b>2.12 in</b>
Assembly/Box Mounting	<b>F1 Only</b>		
Outline Drawing	<b>OL56100015-002</b>	Connection Diagram	<b>103014</b>


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TO REVERSE ROTATION, INTERCHANGE ANY TWO LINE LEADS

PLATE: 41365

SLOT: 22

		TOLERANCES UNLESS SPECIFIED				DRAWN TOM 08-14-1989		
		DEC.	INCHES			CHK	ML 08-14-1989	
			.X	±.1		APPD	GK 08-14-1989	
4	ADDED REVERSAL NOTE	SVL 10-14-2013	.XX	±.02	TITLE CONNECTION DIGRAM	SCALE	1=1	
3	REDRAWN IN AUTOCAD	TAT 09-16-2004	ML .XXX	±.005		REF		
2	REDRAWN - NEW FORMAT	TOM 08-14-1989	.XXXX	±.0005	MAT'L.	FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	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 103014			SIZE	DRAWING NO. PAGE OF REV.
			DIST	WP		A	103014 4	



Data Sheet

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



145TTDR16359

Submittal

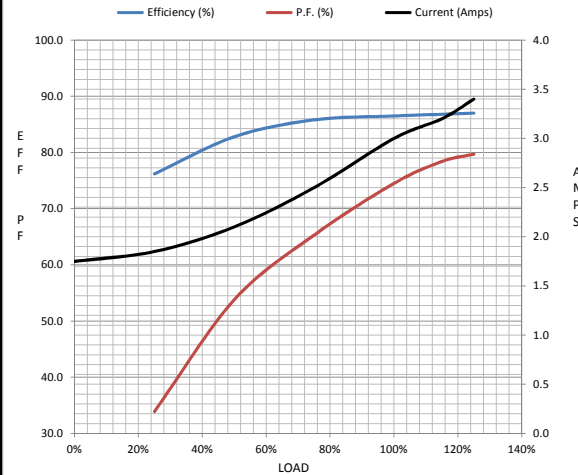
Data @ 460 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	1.75	1.85	2.10	2.50	3.0	3.2	3.4	28.4
Torque (ft-lb)	0.00	1.50	2.95	4.5	6.0	7.0	7.6	24.1
RPM	1800	1789	1778	1765	1750	1,745	1740	0
Efficiency (%)		76.2	82.8	85.8	86.5	86.8	87.0	
P.F. (%)	7.9	33.9	53.8	65.3	74.5	78.4	79.7	71.5

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block				
Speed (RPM)	0	125	1220	1750	1800	HP	2.0			
Current (Amps)	28.4	25.5	17.6	3.0	1.75	Sync. RPM	1800			
Torque (ft-lb)	24.1	22.0	30.7	6.0	0.00	Frame	56			
						Enclosure	DP			
						Construction	TDR			
						Voltage	30/460#190/38V			
						Frequency	60 Hz			
						Design	A			
						LR Code letter	N			
						Service Factor	1.15			
						Temp Rise @ FL	38 ° C			
						Duty	CONT			
						Ambient	40 ° C			
						Elevation	1,000 feet			
						Rotor/Shaft wk²	0.09 Lb-Ft²			
						Ref Wdg	ZT4260 NONE			
						Sound Pressure @ 1M	56 dBA			
						VFD Rating	NONE			
						Outline Dwg	OL56100015-002			
						Conn. Diag	103014			
						Additional Specifications:				
						0				
						365THFS8036				
						EQUIV CKT (OHMS / PHASE)				
						R1	R2	X1	X2	Xm
						4.1180	3.2660	6.2480	5.6800	163.3000



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Speed -Torque Curve

