

PRODUCT INFORMATION PACKET

Model No: 145TTWD6027
Catalog No: N405A
2,1800,TEFC,145TC,3/60/230/460
Washdown Duty



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Nameplate Specifications

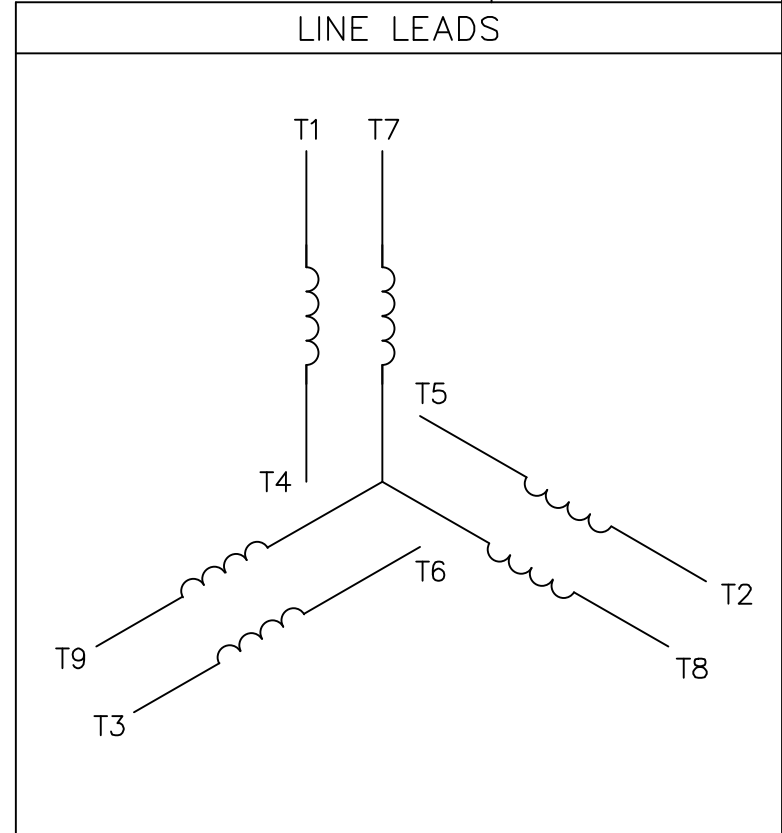
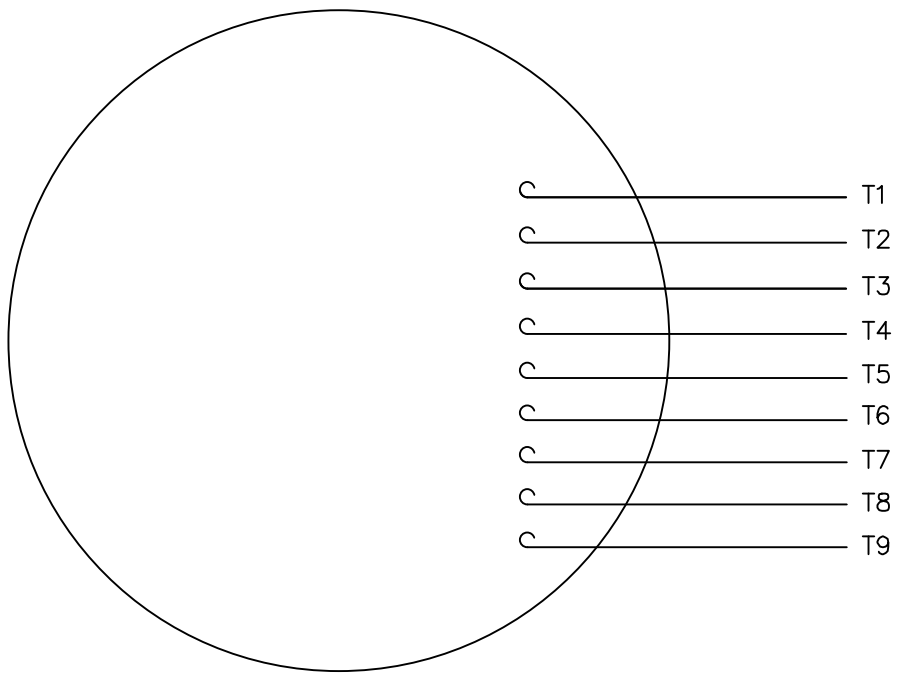
Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	230/460 V
Current	5.8/2.9 A	Speed	1745 rpm
Service Factor	1.15	Phase	3
Efficiency	86.5 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	L	Frame	145TC
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	55		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Stainless Steel	Shaft Type	T
Overall Length	13.25 in	Frame Length	8.25 in
Shaft Diameter	0.875 in	Shaft Extension	2.13 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	028929ME-825	Connection Diagram	005010.01ME

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VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

		TOLERANCES UNLESS SPECIFIED				DRAWN RDW 04/12/02			
		DEC.	INCHES			CHK			
		.X	±.1	TITLE EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR		APPD			
		.XX	±.01			SCALE 1=1			
		.XXX	±.005			REF FIG.2-51			
		.XXXX	±.0005			FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±1/2'	FINISH	PREV		
			RFP	04/12/02		CAD FILE 00501001ME	SIZE A	DRAWING NO. 005010-01ME	REV.
			DIST						

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Data Sheet

Date: 20-06-2017
 Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



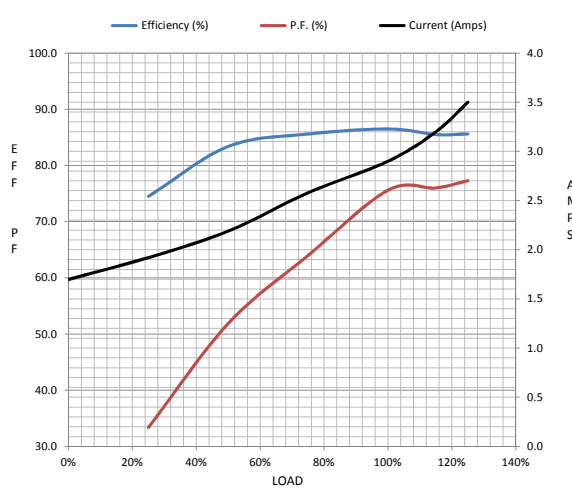
145TTWD6027

Submittal

Data @ 460 V

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.70	1.92	2.19	2.58	2.90	3.2	3.5	26.5	
Torque (ft-lb)	0.00	1.50	3.0	4.5	6.0	6.5	7.5	18.8	
RPM	1800	1787	1774	1763	1751	1,730	1732	0	
Efficiency (%)		74.5	83.4	85.6	86.5	85.5	85.6		
P.F. (%)	7.1	33.4	51.9	64.0	75.6	76.0	77.3	42.0	

Motor Speed Data						Information Block	
	LR	Pull-Up	BD	Rated	Idle		
Speed (RPM)	0	775	1085	1751	1800	HP	2.0
Current (Amps)	26.5	24.4	14.2	2.90	1.70	Sync. RPM	1800
Torque (ft-lb)	18.8	15.0	24.6	6.0	0.00	Frame	140



Enclosure	TEFC			
Construction	TFR			
Voltage	30/460#190/38V			
Frequency	60 Hz			
Design	A			
LR Code letter	L			
Service Factor	1.15			
Temp Rise @ FL	53 ° C			
Duty	CONT			
Ambient	40 ° C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.16 Lb-Ft ²			
Ref Wdg	T634340 FR			
Sound Pressure @ 1M	65 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	028929ME-925			
Conn. Diag	005010.01ME			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

