

PRODUCT INFORMATION PACKET

Model No: 284TTDC6079
Catalog No: U288
15,1200,DP,284T,3/60/575
Open Drip Proof (ODP)



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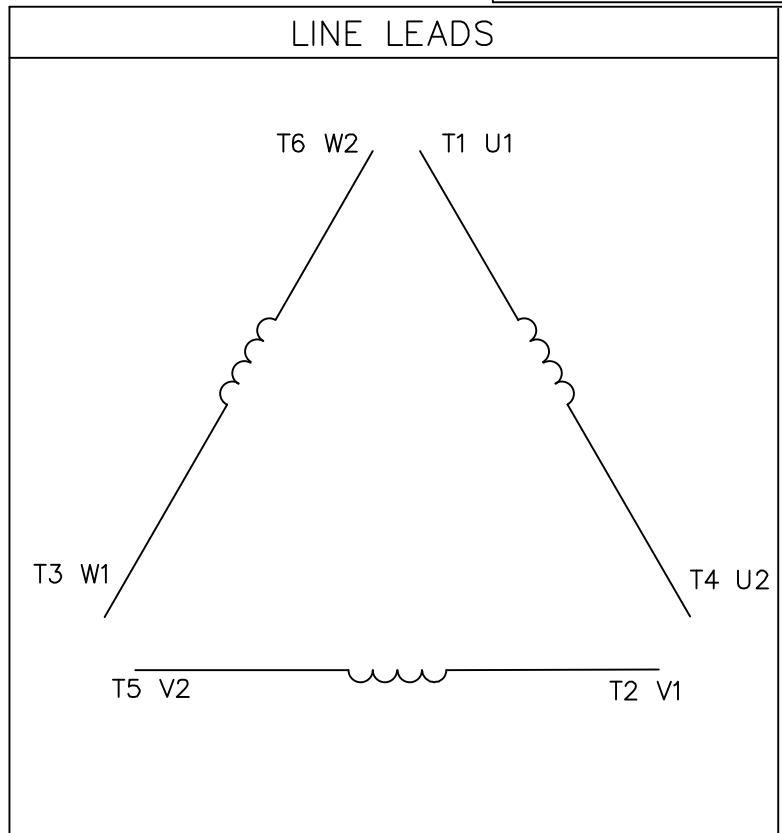
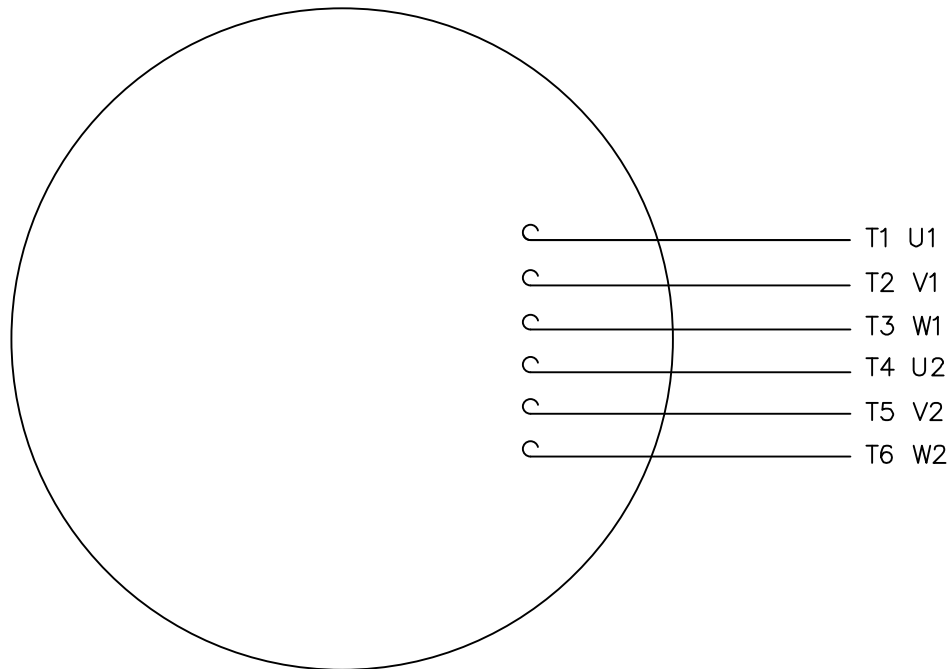
Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	575 V
Current	15.8 A	Speed	1184 rpm
Service Factor	1.15	Phase	3
Efficiency	92.2 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	284T
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6312
Opp Drive End Bearing Size	6211	UL	Recognized
CSA	Y	CE	Y
IP Code	12		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	T
Overall Length	23.54 in	Shaft Diameter	1.875 in
Shaft Extension	4.62 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	16955260ME	Connection Diagram	00519001ME

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	L1	L2	L3	JOIN
START (WYE)	T1 U1	T2 V1	T3 U2	(T4,T5,T6) (U2,V2,W2)
RUN (DELTA)	(T1,T6) (U1,W2)	(T2,T4) (V1,U2)	(T3,T5) (W1,V2)	

				TOLERANCES UNLESS SPECIFIED				DRAWN PG 05/07/82	
				DEC.	INCHES			CHK	
				.X	±.1	TITLE EXTERNAL WIRING DIAGRAM STAR START - DELTA RUN		APPD TEM 05/07/82	
03	ADDED IEC DESIGNATIONS	MOL 04/27/12	.XX	±.01	MAT'L. Y-CONNECTED START - DELTA CONNECTED RUN			SCALE 1=1	
02	REMOVED OBSOLETE STATUS	KJH 06/28/99	.XXX	±.005			FINISH SINGLE VOLTAGE		REF
01	REDRAWN ON CAD	DBT 05/30/97	.XXXX	±.0005	NO. REVISION BY & DATE CHK ANG ±1/2'				FMF
				RFP			CAD FILE 00519001ME		SIZE A
				DIST					

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Data Sheet

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



284TTDC6079

Submittal

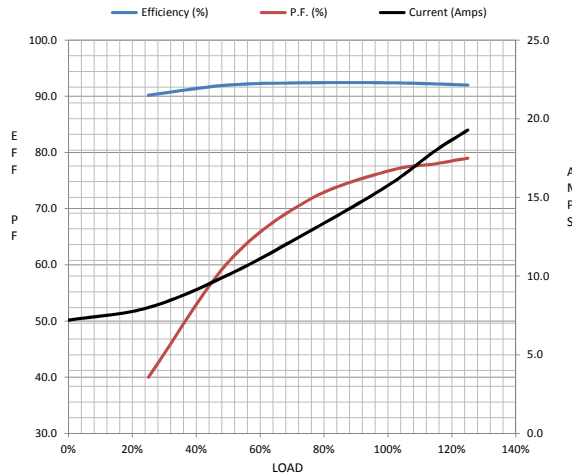
Data @ 575 V

Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	7.2	8.0	10.1	12.8	15.8	18.0	19.3	88.0
Torque (ft-lb)	0.00	17.0	33.0	49.6	66.0	76.5	83.2	99.0
RPM	1200	1197	1195	1190	1185	1,184	1183	0
Efficiency (%)		90.2	92.0	92.4	92.4	92.2	92.0	
P.F. (%)	4.4	40.0	60.5	71.5	76.7	78.0	79.0	0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block	
Speed (RPM)	0	600	1115	1185	1200	HP	15.0
Current (Amps)	88.0	79.2	61.6	15.8	7.2	Sync. RPM	1200
Torque (ft-lb)	99.0	89.0	213	66.0	0.00	Frame	284
						Enclosure	DP
						Construction	TDC
						Voltage	575 V
						Frequency	60 Hz
						Design	B
						LR Code letter	G
						Service Factor	1.15
						Temp Rise @ FL	35 ° C
						Duty	CONT
						Ambient	40 ° C
						Elevation	1,000 feet
						Rotor/Shaft wk²	0.00 Lb-FT²
						Ref Wdg	T14506015 NONE
						Sound Pressure @ 1M	67 dBA
						VFD Rating	CONSTANT 10:1
						Outline Dwg	169552-60ME
						Conn. Diag	51090.01



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VFD Rating	CONSTANT 10:1			
Outline Dwg	169552-60ME			
Conn. Diag	51090.01			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

