

# PRODUCT INFORMATION PACKET



Model No: 405TTFS16003  
Catalog No: 405TTFS16003  
100,3600,TEFC,405TCZ,3/60/460PWS

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**Nameplate Specifications**

Phase	3	Output HP	100 Hp
Output KW	75.0 kW	Voltage	460 V
Speed	3565 rpm	Service Factor	1.15
Frame	405TCZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	108.0 A	Power Factor	91.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

**Technical Specifications**

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start
Poles	2	Rotation	Reversible
Resistance Main	.051 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS554281-1675	Connection Drawing	A-EE7341K

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THREE PHASE – PART WINDING START  
DELTA – 6 LEADS

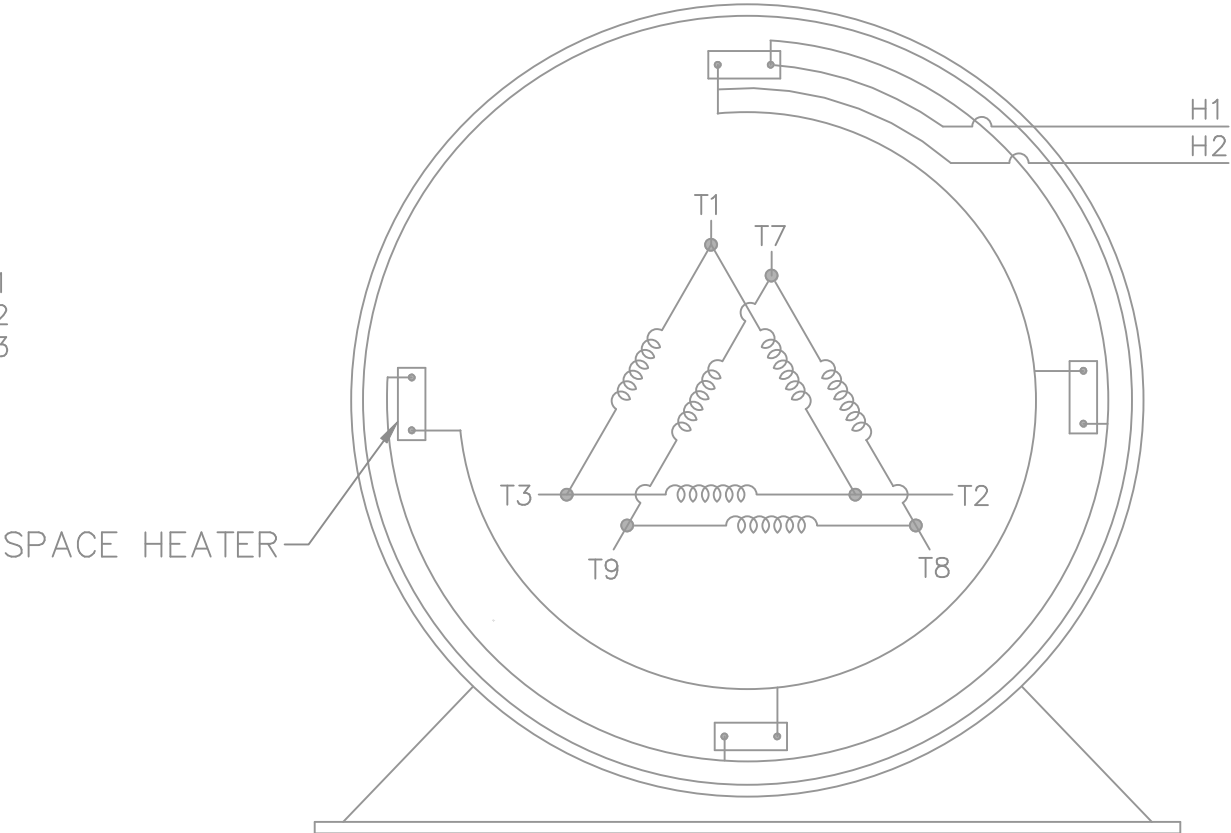
EE7341K

START

CONNECT T1 TO LINE 1  
CONNECT T2 TO LINE 2  
CONNECT T3 TO LINE 3  
CONNECT T7–T8–T9 OEPN


RUN

CONNECT T1 & T7 TO LINE 1  
CONNECT T2 & T8 TO LINE 2  
CONNECT T3 & T9 TO LINE 3



NOTES:

- 1– LEADS CONNECTED TO SPACE HEATER CIRCUIT.  
2– WHEN MORE THAN ONE HEATER IS USED, HEATERS  
MUST BE CONNECTED IN PARALLEL.

				TOLERANCES UNLESS SPECIFIED			DRAWN TM 04-22-1985			
				DEC.	INCHES		CHK EAB 04-23-1985			
				.X	± -		APPD TB 04-23-1985			
				.XX	± -		SCALE 1=1			
				.XXX	± -		REF			
2	REDRAWN ON CADD; NO CHANGE	DRS 05-26-2004	ML	.XXX	± -	TITLE CONNECTION DIAGRAM THREE PHASE – 6 LEADS		FMF		
1	NEW DRAWING	TM 04-22-1985		.XXXX	± -	MAT'L.		PREV		
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH				
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