

PRODUCT INFORMATION PACKET

Model No: 405TSHFS14527
Catalog No: 405TSHFS14527
100,1800,TEFC,405TS,3/60/460

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Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	60 Hz	Voltage	460 V
Current	115.0 A	Speed	1785 rpm
Service Factor	1	Phase	3
Efficiency	94.5 %	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	INV	KVA Code	J
Frame	405TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

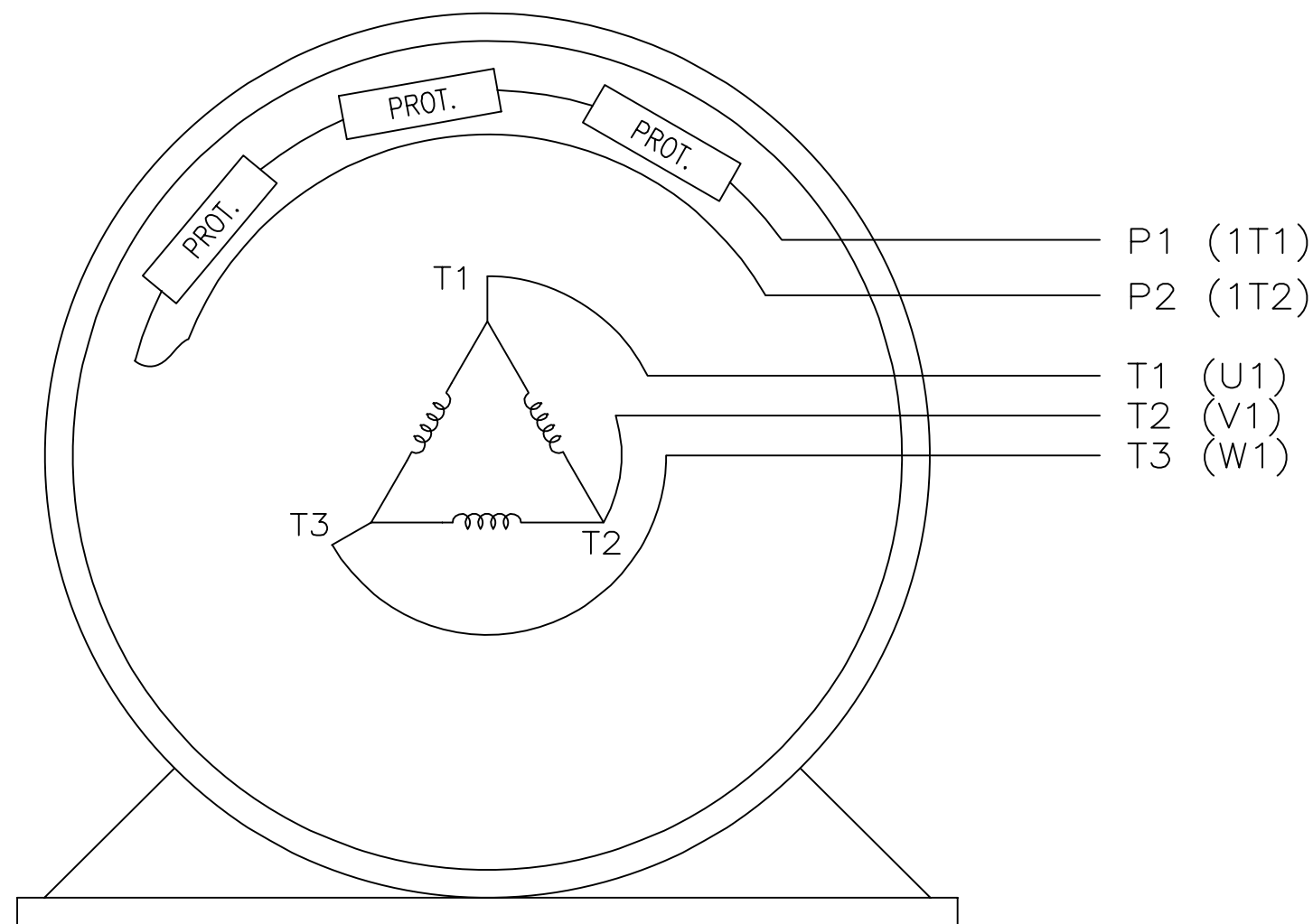
Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.046 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F2/F1 CAPABLE
Inverter Load	CONSTANT 2:1		
Outline Drawing	SS509125-1675	Connection Drawing	EE7300S

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EE7300S

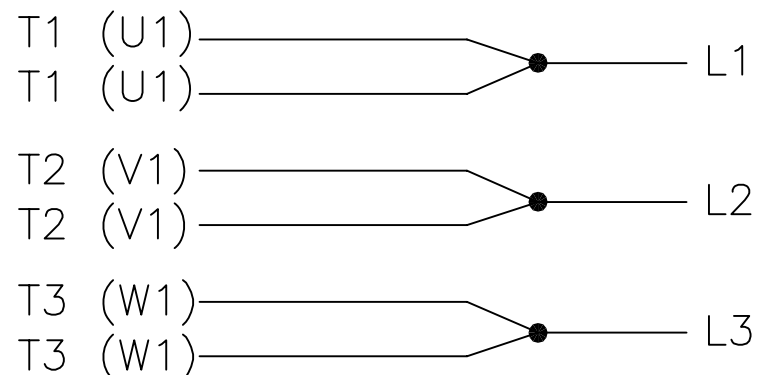
THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



VIEW OF TERMINAL END

IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

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				DEC.	INCHES							
F	UPDATED TITLE BLOCK	HV 02-27-2014	EWB	.X	±	-		KL	12-15-1999			
3	REMOVED "N.C." FROM PROT.'S MU61770	JJB 08-02-2010		.XX	±	-		CHK	DJK 12-15-1999			
2	ADDED IEC MARKINGS MU61770	KL 09-16-2004	EAB	.XXX	±	-		APPD	DJK 12-15-1999			
1	NEW DRAWING	KL 12-16-1999		.XXXX	±	-				SCALE	1=1	
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										FMP		
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