

PRODUCT INFORMATION PACKET

Model No: 449TTGS16078
Catalog No: 449TTGS16078
200,1200,EPFC,449T,3/60/460

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Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	460 V
Current	240.0 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	95.8 %	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	447/449T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	NU319	Opp Drive End Bearing Size	6318
UL	No	CSA	N
CE	N	IP Code	54
Hazardous Location	EXP PROOF CL I GR C&D CL II GR F&G T3B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.016 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F2 ONLY
Outline Drawing	B-SS515578-2875	Connection Drawing	A-EE7300S

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1. CONDUIT BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

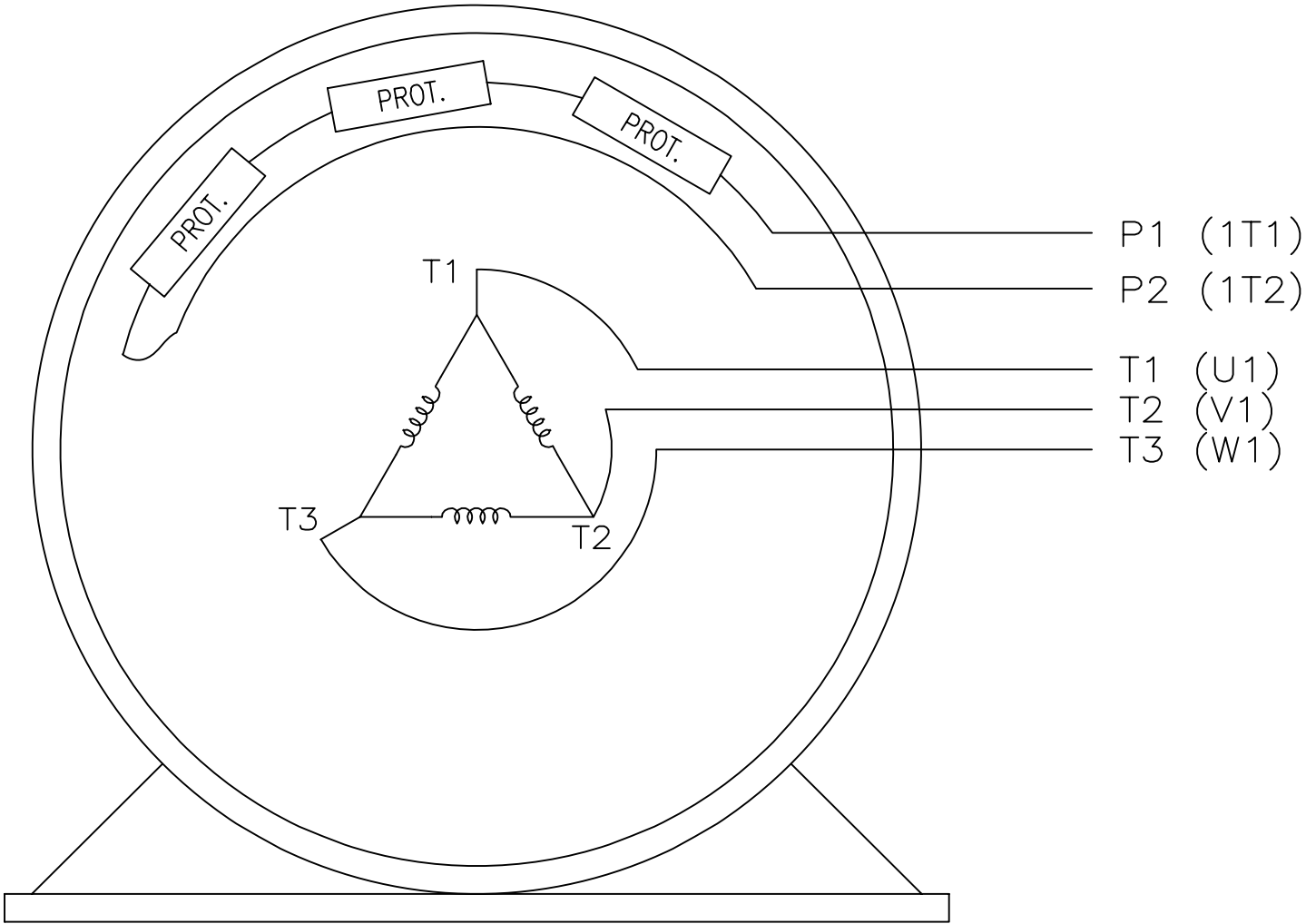
DASH	FRAME	B	C	2F	2FF	BS
2875	447T	28.25 [717.55]	51.85 [1316.99]	20.00 [508.00]	-----	2.09 [53.09]
2875	449T	28.25 [717.55]	51.85 [1316.99]	-----	25.00 [635.00]	2.09 [53.09]

DRAWING REVISION C		REVISION BY AJW		DATE 03-31-2015																					
ECO ECO-0074730		APPROVED BY TDB		DATE 04-01-2015																					
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS																									
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TOLERANCES UNLESS OTHERWISE SPECIFIED: <table><tr><td>DEC.</td><td>INCH</td><td>mm</td><td>ANGLE</td></tr><tr><td>.X</td><td>±0.1</td><td>[±2.5]</td><td>±7° 30"</td></tr><tr><td>.XX</td><td>±0.03</td><td>[±0.76]</td><td></td></tr><tr><td>.XXX</td><td>±0.005</td><td>[±0.127]</td><td></td></tr><tr><td>.XXXX</td><td>±0.0005</td><td>[±0.0127]</td><td></td></tr></table> REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [5.1] MACHINED SURFACES: 200 INCH 5.1/mm mm SHOWN IN [BRACKETS]						DEC.	INCH	mm	ANGLE	.X	±0.1	[±2.5]	±7° 30"	.XX	±0.03	[±0.76]		.XXX	±0.005	[±0.127]		.XXXX	±0.0005	[±0.0127]	
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DRAWN BY SMC			DATE 04-15-1996																						
APPROVED BY JPN			DATE 04-19-1996																						
REFERENCE			MATERIAL		PROCESS/FINISH																				
THIRD ANGLE PROJECTION			SIZE B	DRAWING NUMBER SS515578	SHEET 1 OF 1																				

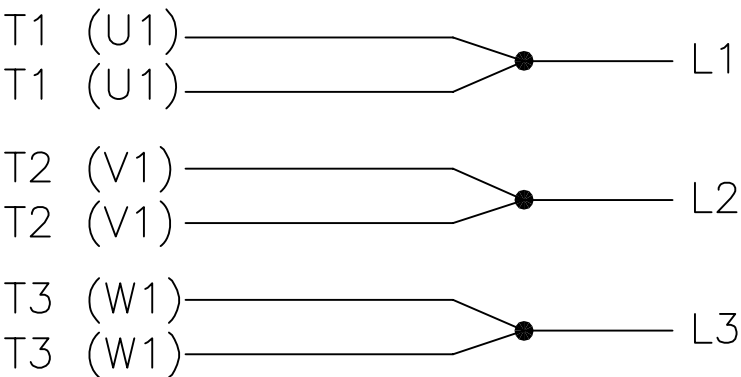
EE7300S

THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



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



A-9806 DECAL

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN KL 12-15-1999				
				DEC.	INCHES		CHK DJK 12-15-1999				
							APPD DJK 12-15-1999				
F	UPDATED TITLE BLOCK		HV 02-27-2014	EWB	.X	± -	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR				
3	REMOVED "N.C." FROM PROT.'S MU61770		JJB 08-02-2010		.XX	± -					
2	ADDED IEC MARKINGS MU61770		KL 09-16-2004	EAB	.XXX	± -					
1	NEW DRAWING		KL 12-16-1999		.XXXX	± -	MAT'L.				
NO.	REVISION		BY & DATE	CHK	ANG	± -	FINISH				
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 ee7300s		SIZE	DRAWING NO.	PAGE OF	REV.
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