

PRODUCT INFORMATION PACKET



Model No: 505UTDS17035
Catalog No: 505UTDS17035
300,1800,DP,505UCZ,3/60/230

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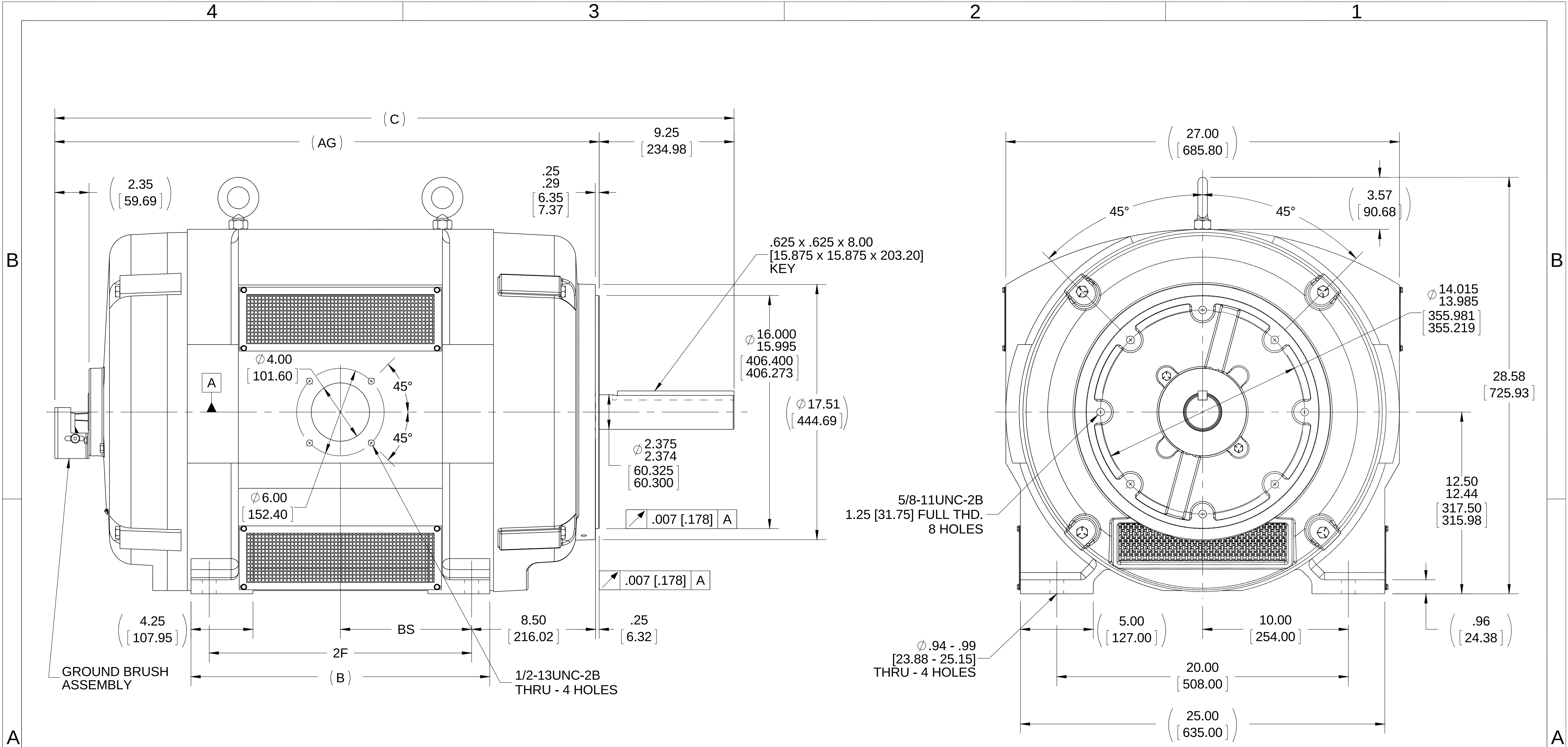
Nameplate Specifications

Phase	3	Output HP	300 Hp
Output KW	224.0 kW	Voltage	230 V
Speed	1780 rpm	Service Factor	1.15
Frame	505UCZ	Enclosure	Drip Proof
Thermal Protection	Thermostat	Efficiency	95 %
Ambient Temperature	65 °C	Frequency	60 Hz
Current	680.0 A	Power Factor	87
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	F
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	No	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.015 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U Special Extension	Assembly/Box Mounting	F2/F1 CAPABLE
Inverter Load	VARIABLE 10:1		
Outline Drawing	B-SS553509-2100	Connection Drawing	A-EE7300S

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DASH	FRAME	B	C	AG	2F	BS
2100	505UCZ	20.50 [520.70]	46.60 [1183.64]	37.35 [948.69]	18.00 [457.20]	9.00 [228.60]

DRAWING REVISION C	REVISION BY JHA	DATE 10-17-2016
ECO ECO-0110683	APPROVED BY DJK	DATE 10-17-2016
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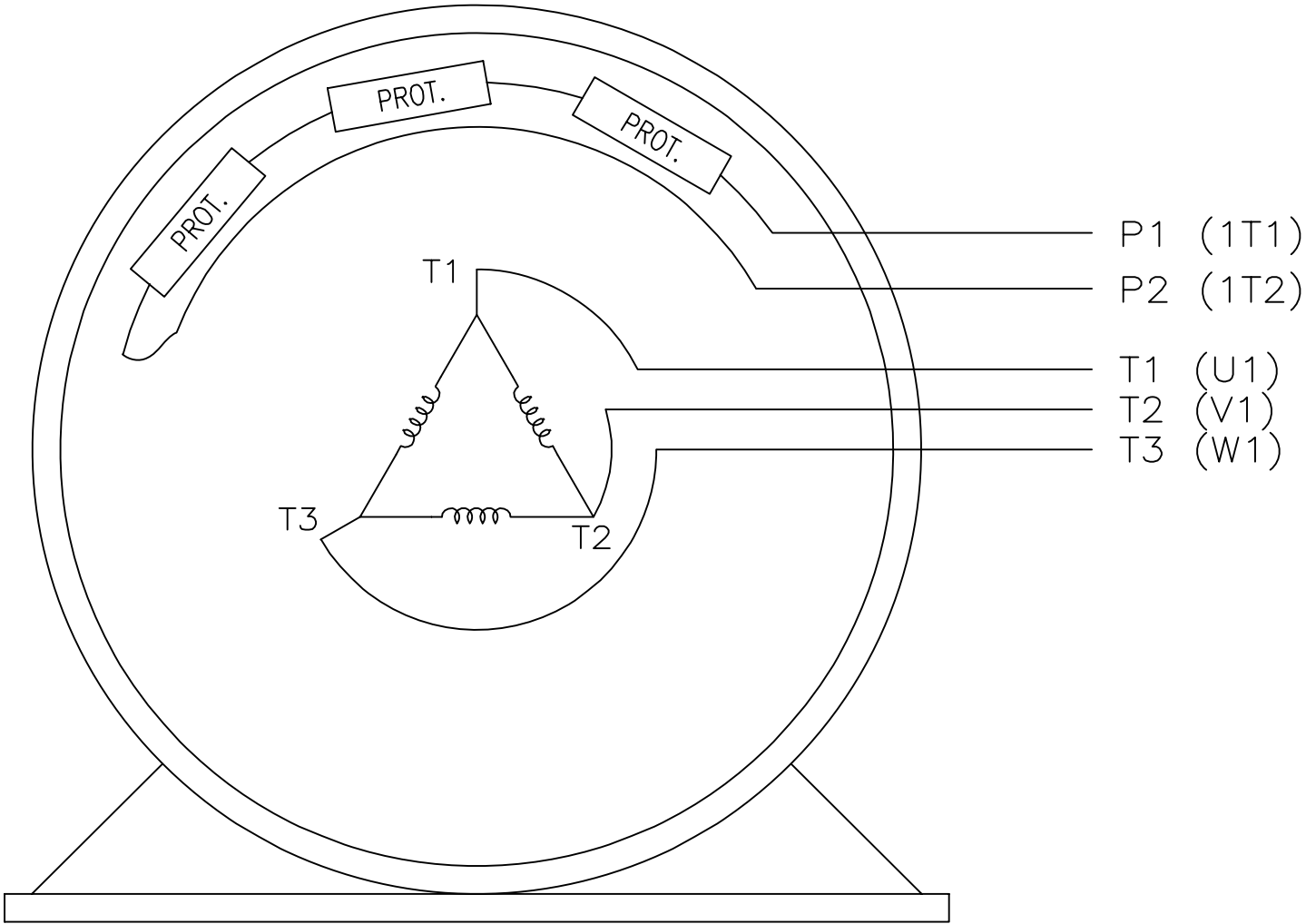
TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.03	[±0.76]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH 5.1 mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY JJJ	 Regal Beloit America, Inc.		
DATE 02-12-2009			
APPROVED BY MJS	DESCRIPTION OUTLINE		
DATE 02-12-2009	505UCZ FR - DR. PR. - SCREENED - SPL. EXT.		
REFERENCE SS518033	MATERIAL		PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS553509	SHEET 1 OF 1

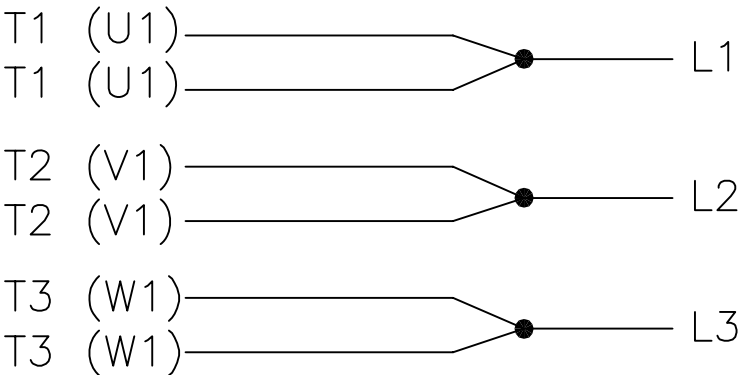
EE7300S

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			
F	UPDATED TITLE BLOCK	HV 02-27-2014	EWB	.X	± -		APPD DJK 12-15-1999			
3	REMOVED "N.C." FROM PROT.'S MU61770	JJB 08-02-2010		.XX	± -	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR	SCALE 1=1			
2	ADDED IEC MARKINGS MU61770	KL 09-16-2004	EAB	.XXX	± -		REF			
1	NEW DRAWING	KL 12-16-1999		.XXXX	± -	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH	PREV			
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