

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 326TTTS18577
Catalog No: S528
30,1200,TEAO,326T,3/60/460
Other Purpose



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REGAL[®]



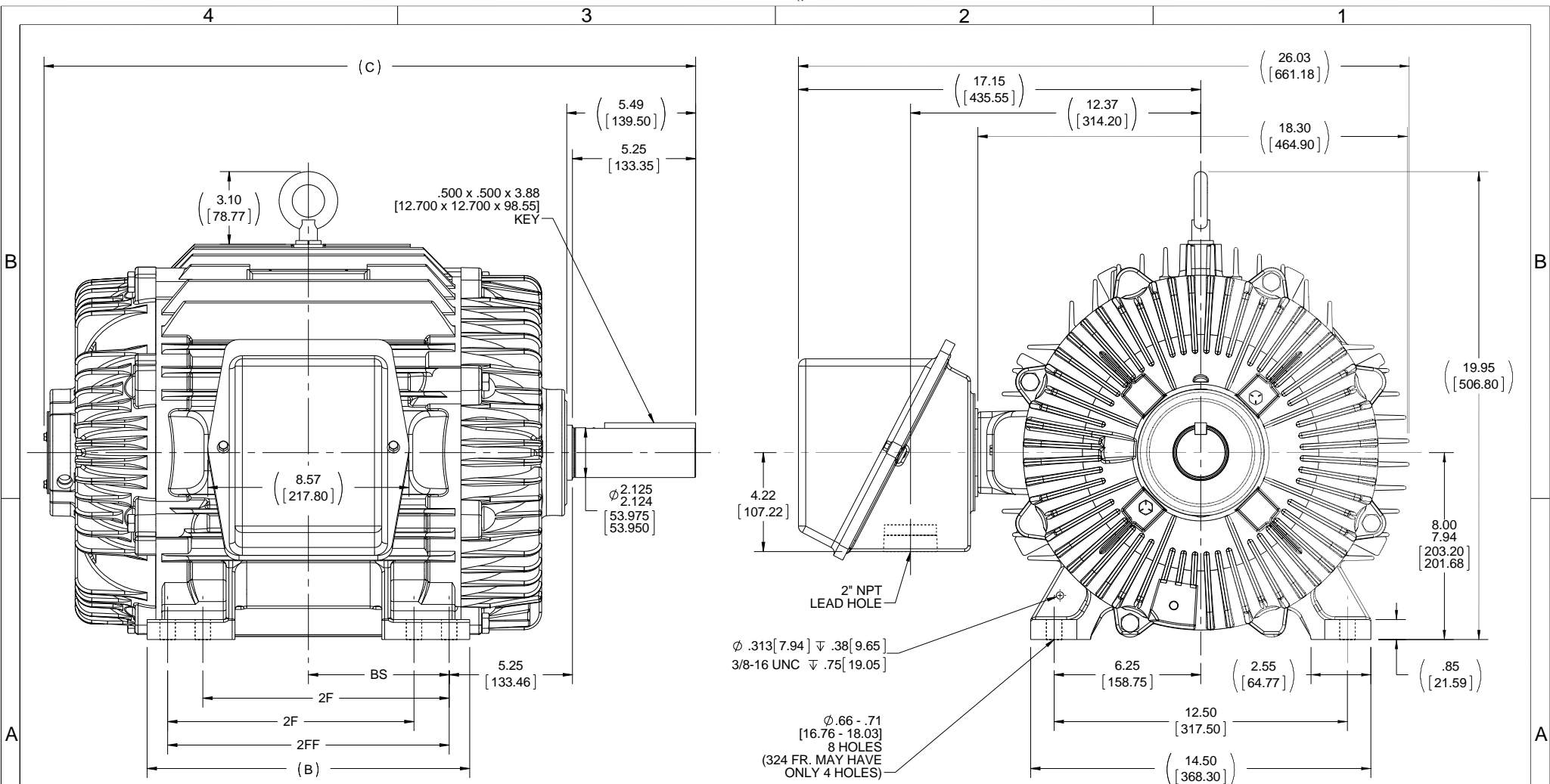
Nameplate Specifications

Output HP	30 Hp	Output KW	22.4 kW
Frequency	60 Hz	Voltage	460 V
Current	38.5 A	Speed	1182 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Duty	Continuous
Insulation Class	H	Design Code	B
KVA Code	G	Frame	326T
Enclosure	Totally Enclosed Air Over	Overload Protector	No
Ambient Temperature	90 °C	Drive End Bearing Size	6312
Opp Drive End Bearing Size	6311	UL	No
CSA	Y	CE	N
IP Code	54		

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 / Heat Stabilized	Opp Drive End Bearing	Ball / Heat Stabilized
Frame Material	Cast Iron	Shaft Type	T
Overall Length	27.5 in	Frame Length	13.00 in
Shaft Diameter	2.125 in	Shaft Extension	5.5 in
Assembly/Box Mounting	F1/F2 Capable		
Outline Drawing	B-SS301011-1300	Connection Diagram	A-EE7300S

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- NOTES:
 1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.

DASH	FRAME	B	C	2F	2FF	BS
1150	324T	13.00 [330.20]	26.27 [667.26]	---	10.50 [266.70]	5.25 [133.35]
1300	324T/ 326T	13.75 [349.25]	27.77 [705.36]	10.50 [266.70]	12.00 [304.80]	6.00 [152.40]

DRAWING REVISION F	REVISION BY J. OTTO	DATE 06-27-2016	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]
ECO ECO-0102388	APPROVED BY T. VUE	DATE 06-28-2016	REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] X 45° CORNER FILLETS: R.02 [.51] MACHINED SURFACES: 200 INCH/mm 5.1 mm SHOWN IN [BRACKETS]
ECO DESCRIPTION NMR-0106886, MU123088 COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.			

DRAWN BY CAV	DATE 08-29-2000	APPROVED BY DD	DATE 08-30-2000	REFERENCE	THIRD ANGLE PROJECTION
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REGAL™ Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
320T FR. - TEAO - TENV - 14.25 LAM.

MATERIAL
PROCESS/FINISH

SIZE
B

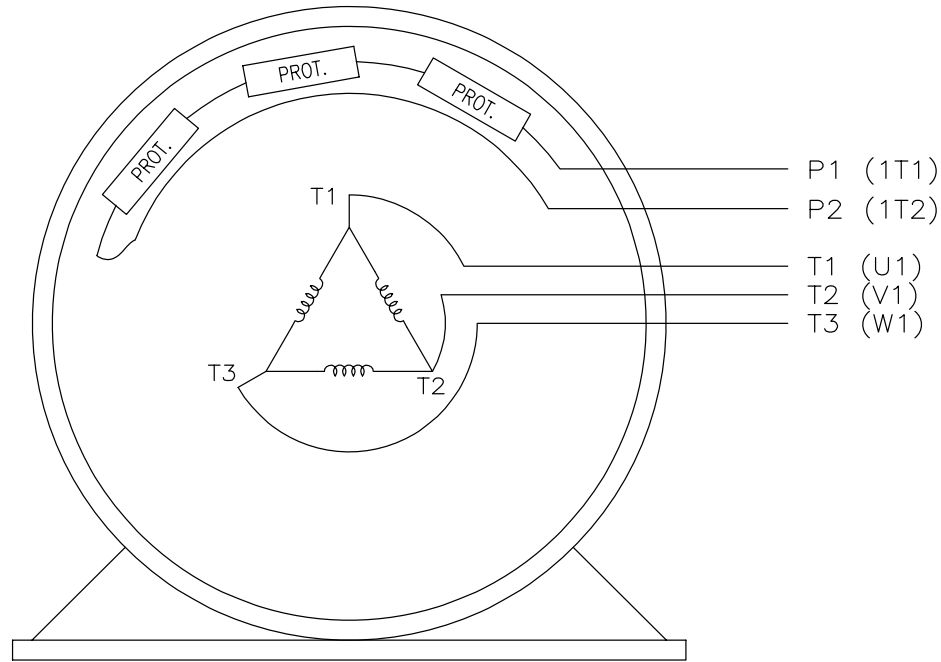
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SS301011

SHEET
1 OF 1

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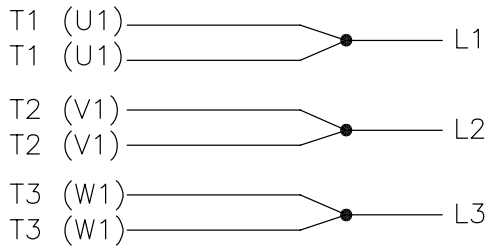
THREE PHASE – SINGLE VOLTAGE MOTOR

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

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN	PAGE	OF	REV.
				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	± -	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR	APPD	DJK 12-15-1999	SCALE	1=1
1	NEW DRAWING	KL 12-16-1999		.XXXX	± -	MAT'L			REF	
				ANG	± -				FMF	
									PREV	
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	A
						DIST	WA-LB-SB		DRAWING NO.	EE7300S



Customer:
Attention:

FAREEDA DUDEKULA



Submital
Data @ 460 V

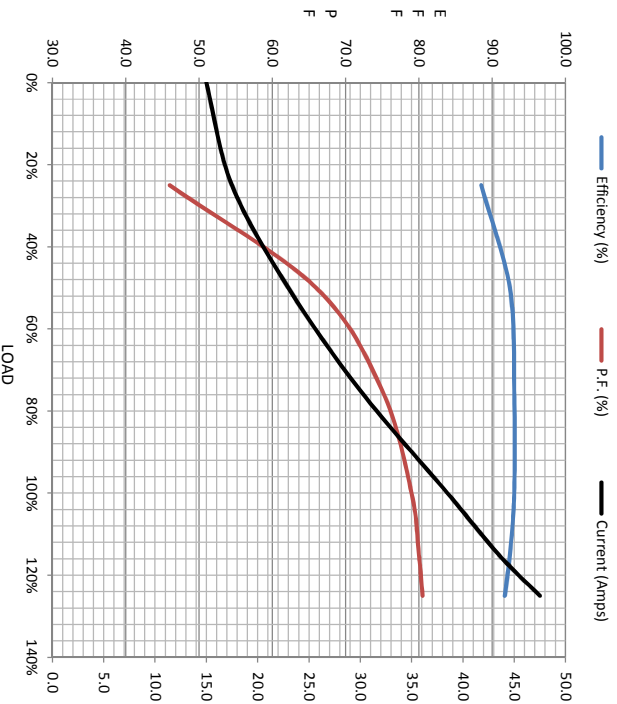
Load	Motor Load Data							
	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	15.0	17.5	23.0	30.0	38.5	43.5	47.5	217
Torque (ft-lb)	0.00	33.0	66.0	100	134	154	168	200
RPM	1200	1195	1190	1185	1182	1,178	1175	0
Efficiency (%)		88.5	92.4	93.0	93.0	92.4	91.7	
P.F. (%)	5.0	46.0	66.0	75.0	79.0	80.0	80.5	30.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (rpm)	0	600	1100	1182	1200
Current (Amps)	217	200	140	38.5	15.0
Torque (ft-lb)	200	175	375	134	0.00

Information Block

HP	30.0			
Sync. RPM	1200			
Frame	326			
Enclosure	TEAO			
Construction	TTN			
Voltage	460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	G			
Service Factor	1.15			
Temp Rise @ FL	0 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wkt	9.4 Lb-Fe			
Ret Wdg	3266122 NONE			
Sound Pressure @ 1M	999 dBA			
VFD Rating	VARIABLE 20:1			
Outline Dwg	B-SS301011-1300			
Conn. Diag	A-EE7300S			
Additional Specifications:				
0				
EQUIV CKT (OHMS/ PHASE)				
R1	R2	X1	X2	Xm
0.1470	0.1210	0.9130	1.1540	16.2710



Speed -Torque Curve

