

PRODUCT INFORMATION PACKET

Model No: 404TSTDS17004
Catalog No: 404TSTDS17004
125,3000,RP,404TS,3/50/415

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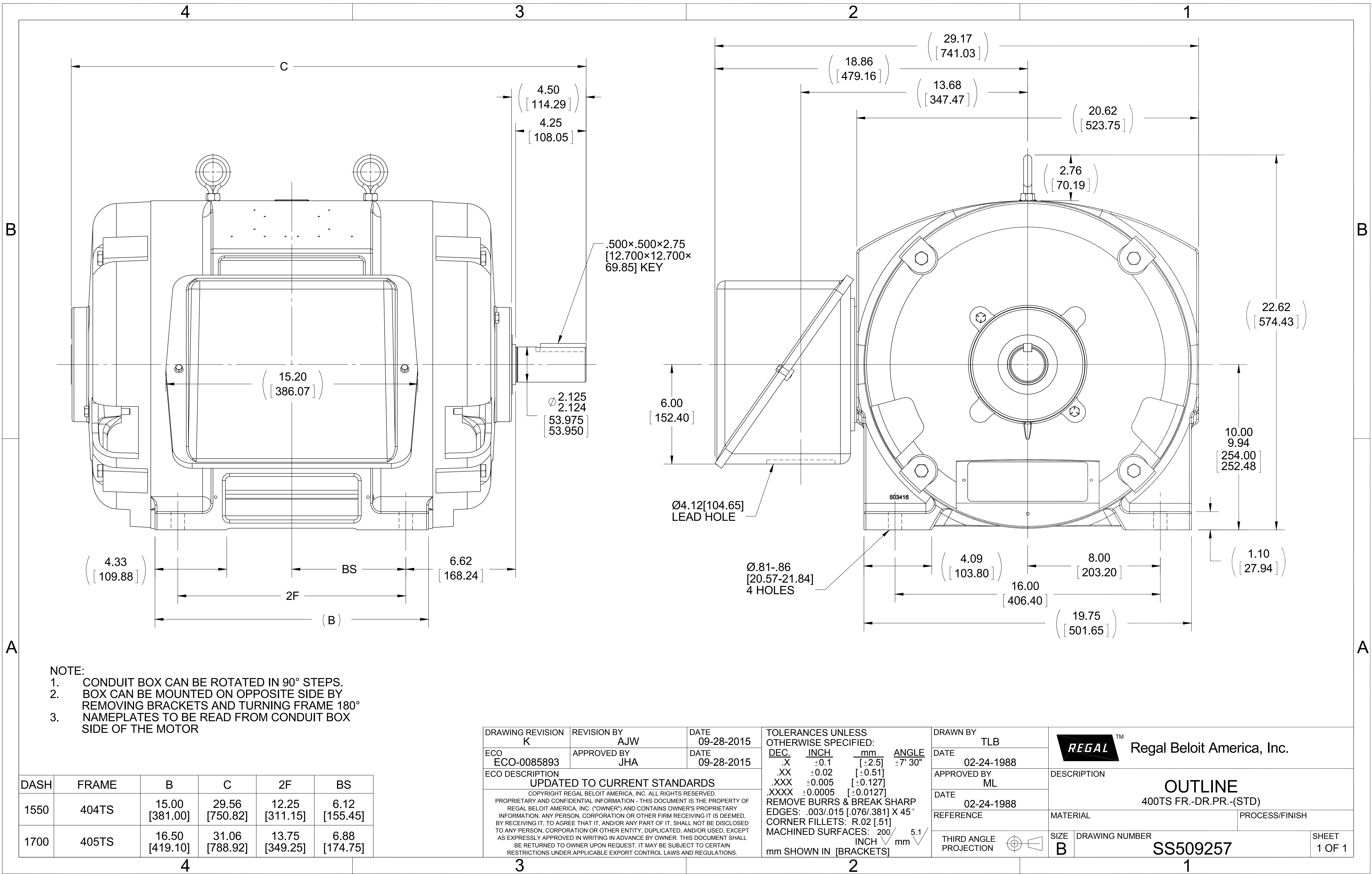
Nameplate Specifications

Output HP	125 Hp	Output KW	93.0 kW
Frequency	50 Hz	Voltage	415 V
Current	155.0 A	Speed	2965 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	91
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	404TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	50 °C
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	No	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.065 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	F1/F2 CAPABLE
Outline Drawing	B-SS509257-1550	Connection Drawing	A-EE7300BH

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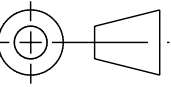


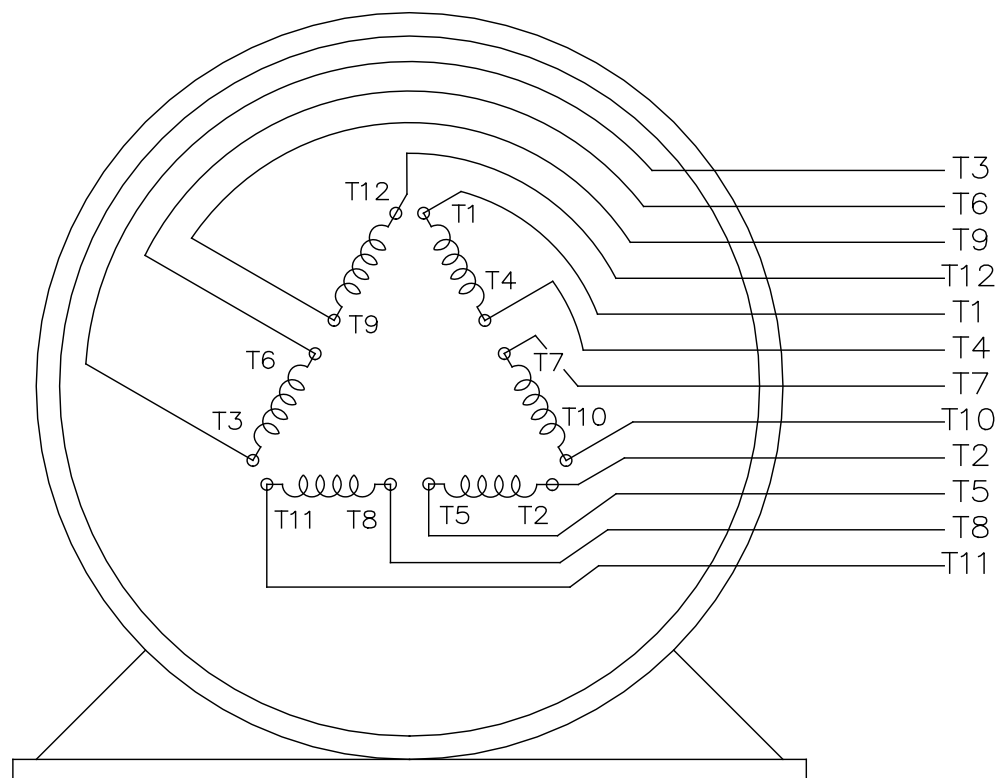
NOTE:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF THE MOTOR

DASH	FRAME	B	C	2F	BS
1550	404TS	15.00 [381.00]	29.56 [750.82]	12.25 [311.15]	6.12 [155.45]
1700	405TS	16.50 [419.10]	31.06 [788.92]	13.75 [349.25]	6.88 [174.75]

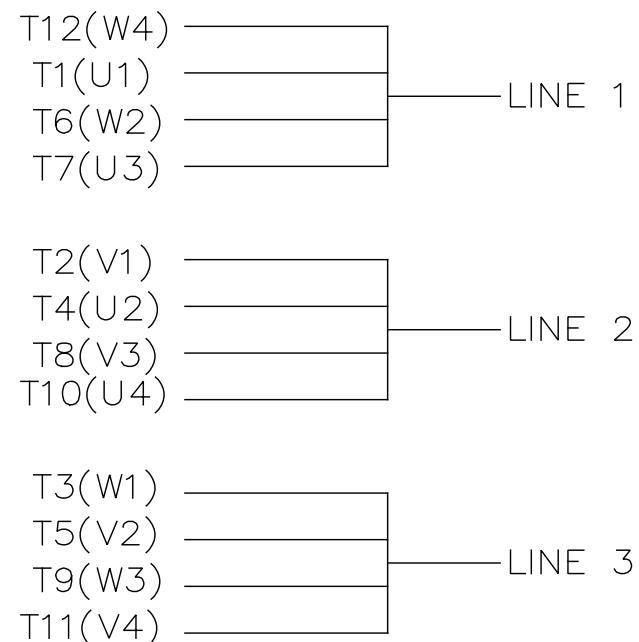
DRAWING REVISION K	REVISION BY AJW	DATE 09-28-2015
ECO ECO-0085893	APPROVED BY JHA	DATE 09-28-2015
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±7° 30"
.XX	±0.02	[±0.51]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [0.51] MACHINED SURFACES: 200 INCH 5.1 mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY TLB	 Regal Beloit America, Inc.		
DATE 02-24-1988			
APPROVED BY ML	DESCRIPTION OUTLINE 400TS FR.-DR.PR.-(STD)		
DATE 02-24-1988			
REFERENCE	MATERIAL		PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS509257	SHEET 1 OF 1



VIEW OF TERMINAL END



				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN RJW 02-11-2005		
				DEC.	INCHES		CHK	ML	02-11-2005
				.X	±.1		APPD	GK	02-11-2005
				.XX	±.02	TITLE CONNECTION DIAGRAM	SCALE		
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX	±.005	12 LEAD- SINGLE VOLTAGE		
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX	±.0005	MAT'L.		
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV		
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				DIST	LB		A	EE7300BH	REV. C



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-875-3311

DATA VOLTS: 415

CERTIFICATION DATA SHEET

CUSTOMER:

ORDER #:

CONN. DIAGRAM:

OUTLINE:

SPEED:

A-EE7300BH

B-SS509257-1550

T404223

NONE

3

CUSTOMER P.O. #:

REFERENCE MODEL #:

CAT #:

CUSTOMER PART #:

MOUNTING: F1/F2 CAPABLE

404TSTD517004

N/A

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN			
125	93	3000	2965	404TS	DP	TDS	F	B			
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.		
3	50	415	155	PWS & YDRUN	CONT	F	1.15	50	3300		
F.L. EFF		91.7	3/4 LD EFF	92.4	1/2 LD EFF	91.7	GTD EFF	ELECT. TYPE			
F.L. PF		91.0	3/4 LD PF	90.0	1/2 LD PF	86.0	90.2	SQ CAGE IND RUN			
F.L. TORQUE		LR AMPS @ 480 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (° C)			
222 LB-FT		984		330 LB-FT 149%		550 LB-FT 248%		70			
SOUND PRESSURE @ 3 FT.		SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APROX.	MOTOR WGT		
78 dBA		87 dBA		14.2 LB-FT ²	LB-FT ²	10 SEC.	2	955 LB.			
*** SUPPLEMENTAL INFORMATION ***											
DE BRACKET TYPE		ODE BRACKET TYPE		MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIIP COVER	SCREENS	PAINT	
STANDARD		STANDARD		RIGID	HORIZONTAL	NO	NONE	NO	NONE	RED (ENAMEL)	
BEARINGS		GREASE		SHAFT TYPE		SPECIAL DE		SPECIAL ODE		SHAFT MATERIAL	FRAME MATERIAL
DE		ODE									
BALL		POLYREX EM		TS		NONE		NONE		1045 HOT ROLLED (C-204)	CAST IRON
6313		6313									
THERMOSTATS		PROTECTORS		WDG RTD's		BRG RTD's		THERMISTORS		CONTROL	SPACE HEATERS
NONE		NOT		NONE		NONE		NONE		FALSE	NA
R1 (ohms/ph)		R2 (ohms/ph)		X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)	FLOAT
0.065598165		0.022861184		0.218262985		0.193216413		10.48258674		0.150	ODE
* N O T E S *										INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE	
										ENCODER: NONE	
										NONE PPR	
PREPARED BY: _____ DATE: 10/19/2022										BRAKE: NONE NONE FT-LB: NA VOLTAGE: NONE HZ:	
FORM: 3531 REV. 4 2/27/06										UL: NONE	