

PRODUCT INFORMATION PACKET



Model No: 405TTFS18578
Catalog No: 405TTFS18578
75,1000,TEFC,405T,3/50/380/660

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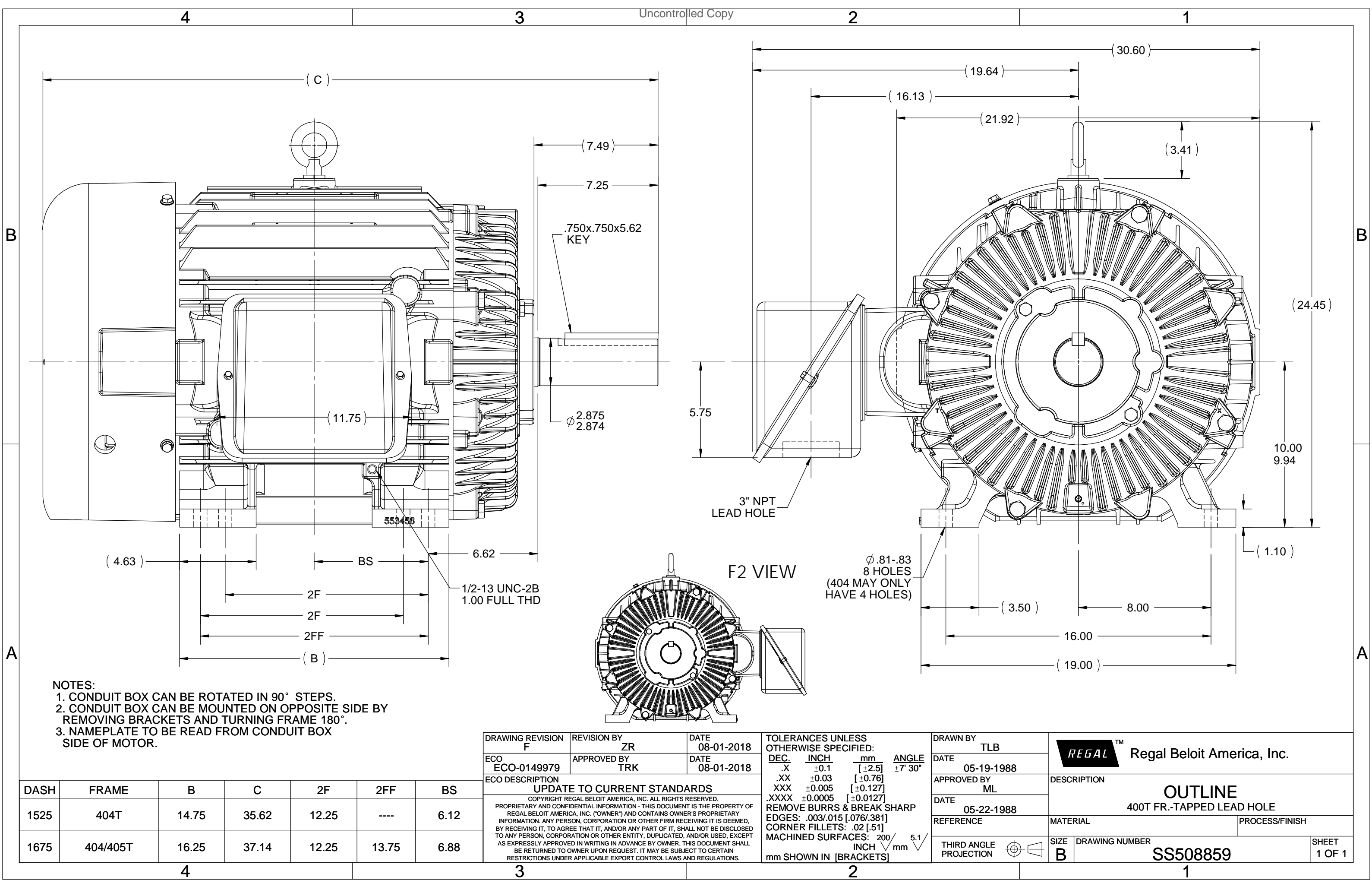
Nameplate Specifications

Output HP	75 Hp	Output KW	56.0 kW
Frequency	50 Hz	Voltage	380/660 V
Current	110.0/63.5 A	Speed	985 rpm
Service Factor	1.15	Phase	3
Efficiency	93.6 %	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	405T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313
UL	No	CSA	N
CE	N	IP Code	55
Number of Speeds	1		

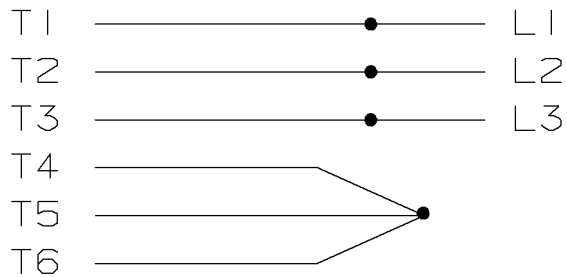
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.076 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS508859-1675	Connection Drawing	A-EE7304

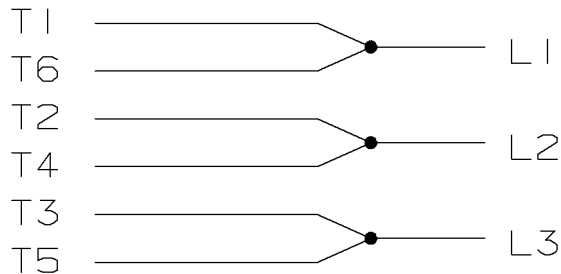
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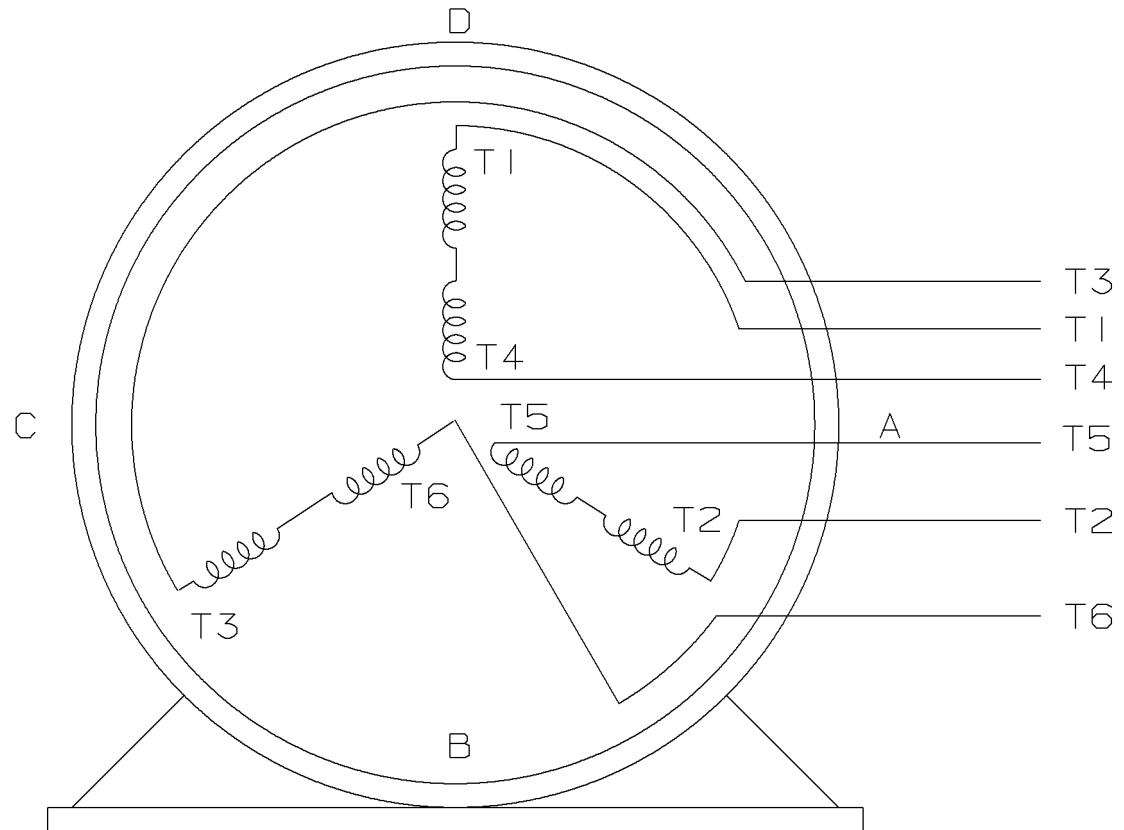
HIGH VOLTAGE "Y" CONNECTION



LOW VOLTAGE - DELTA




THREE PHASE - DUAL VOLTAGE



VIEW OF TERMINAL END

A- EE7304

T2DL
T2C
T4CC
T4AY
T4AZ
WP =T4J1

				✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .02 XXX± .005 XXXX± .0005 ANGLES± 7°30"					
				MATL SPEC				DRAWN BY LZ	01-04-1994	
				FINISH				CHKD BY ML	01-18-1994	
9	01-24-1994	REDRAWN ON CADD	LZ	REFERENCE DRW.	WAUSAU, WISCONSIN 54401			APPD BY GK	01-18-1994	
REV	DATE	CHANGE	NAME	PART NAME CONNECTION DIAGRAM THREE PHASE, DUAL VOLTAGE					DRWG NO A- EE7304	

REV	DATE	CHANGE	NAME	DISTRIBUTION - WA - LB - WP - LM - BR	CADD FILE NO.	EE7304
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SHOP BOOK

PURCHASED

DISTRIBUTION - WA - LB - WP - LM - BR

CADD FILE NO.

EE7304



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 380

CERTIFICATION DATA SHEET

CUSTOMER: _____
ORDER #: _____
CONN. DIAGRAM: A-EE7304
OUTLINE: B-SS508859-1675
WINDING: T405670 NONE 6
SPEED: _____

CUSTOMER P.O. #: _____
REFERENCE MODEL #: 405TFS18578
CAT #: N/A
CUSTOMER PART #: _____
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
75	56	1000	985	405T	TEFC	TFS	G	BC

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	50	380/660	110/63.5	ACROSS THE LINE	CONT	F	1.15	40	3300

F.L. EFF	93.6	3/4 LD EFF	94.1	1/2 LD EFF	93.6	GTD EFF	92.4	ELECT. TYPE
F.L. PF	82.5	3/4 LD PF	79.0	1/2 LD PF	70.0			SQ CAGE IND RUN

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
400 LB-FT	685	800 LB-FT 200%	1,000 LB-FT 250%	65

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK¹	MAX. LOAD WK¹	SAFE STALL TIME	STARTS/HOUR	APROX. MOTOR WGT
72 dBA	81 dBA	38.0 LB-FT²	- LB-FT²	20 SEC.	-	1298 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	PREMIUM SEVERE DUTY	NONE	NO	NONE	BLUE - RAL 5003 (EPOXY)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE BALL 6316	POLYREX EM	T	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON

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
0.049	0.029	0.208	0.299	4.863	0.080	ODE

* N O T E S *	INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE	
	ENCODER: NONE	
	NONE	NONE PPR
	BRAKE: NONE	
	FT-LB: NA VOLTAGE: NONE	

PREPARED BY:	DATE:	UL:	HZ:
	12/13/2022	NONE-INS UL REC	

FORM: 3531 REV. 4 2/27/06