PRODUCT INFORMATION PACKET



Model No: 405TTFS16103 Catalog No: L427A

XRI® General Purpose General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V,

900 & 750 RPM, 405T Frame, TEFC



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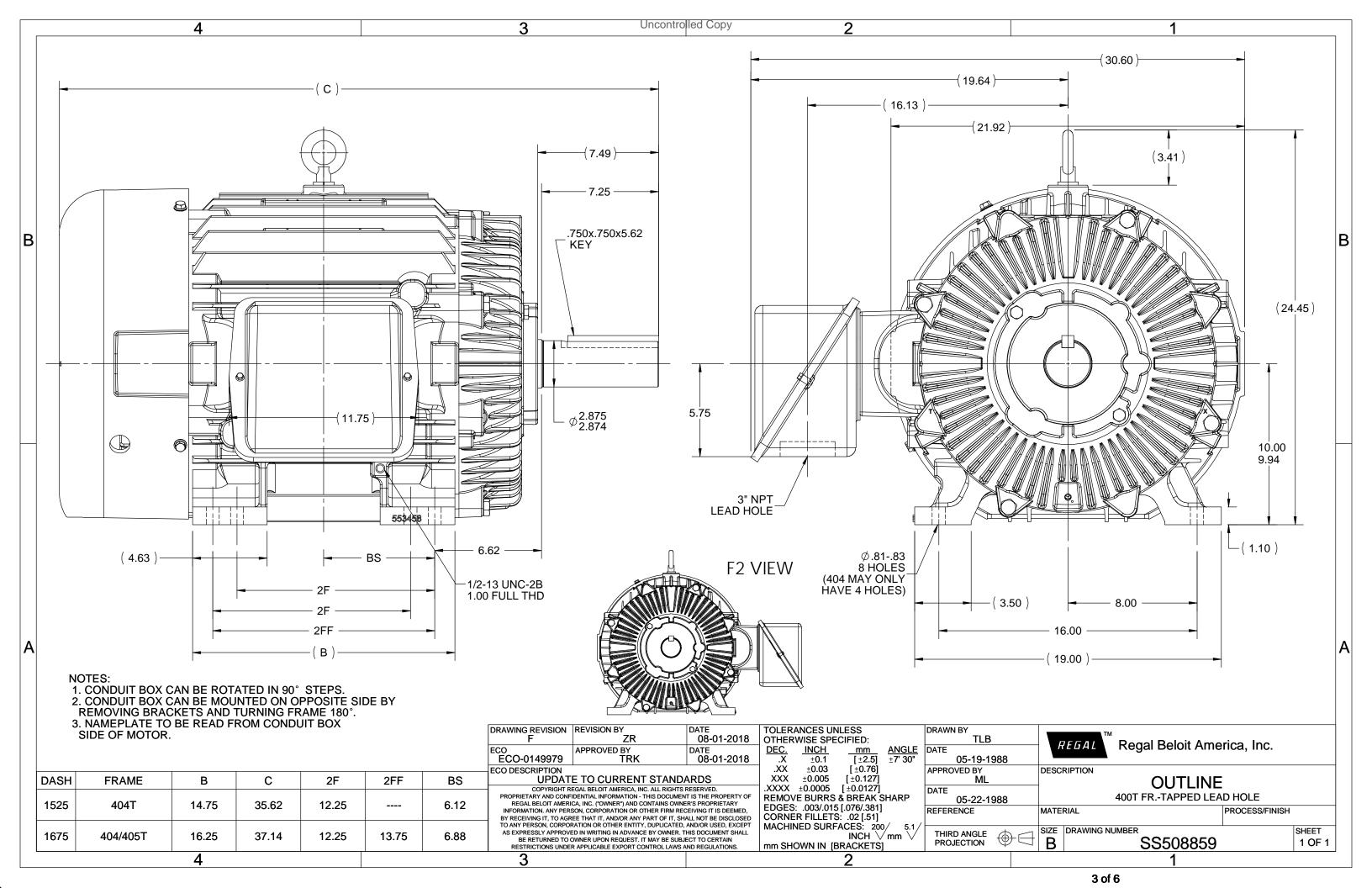
Nameplate Specifications

Phase	3	Output HP	60 & 50 Hp 460 & 380 V			
Output KW	45.0 & 37.0 kW	Voltage				
Speed	890 & 990 rpm	Service Factor	1.15 & 1.15			
Frame	405T	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Efficiency	93.6 & 93 %			
Ambient Temperature	40 °C	Frequency	60 & 50 Hz			
Current	80 & 80 A	Power Factor	74.5			
Duty	Continuous	Insulation Class	F			
Design Code	В	KVA Code	G			
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6313			
UL	Recognized	CSA	Υ			
CE	Υ	IP Code	43			
Number of Speeds	1					

Technical Specifications

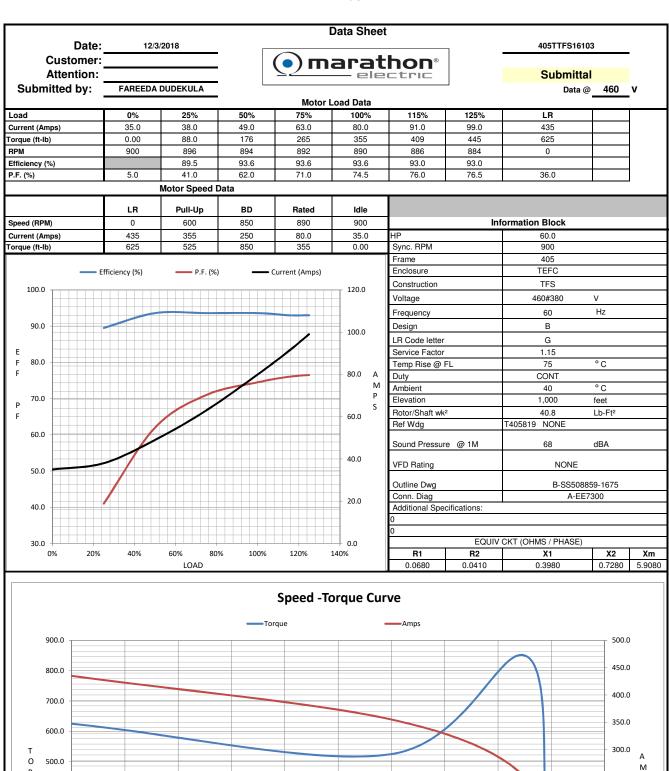
Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	8	Rotation	Reversible
Resistance Main	.113 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	37.14 in
Frame Length	16.75 in	Shaft Diameter	2.875 in
Shaft Extension	7.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS508859-1675	Connection Drawing	A-EE7300

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					CE	RTIFICA	TION DAT	A SHE	ET					
CUSTOM	ER:							CUSTO	MER P.O. #:					
ORDER#	:						R	EFERENC	E MODEL #:	405TTFS1610	03		- -	
CONN. DI		A-EE7300		CAT # : L427A										
OUTLINE: WINDING:		B-SS5088	59-1675 T405819	NONE	3			CUSTOMER PART #:						
SPEED:			1403619	NONE	3				WOONTING.	FI/FZ GAFAE	DLE			
				Т	YPICAI	_ мото	R PERFOI	RMANC	E DATA					
НР	KW	SYNC RPM FL RPM		PM	FRAME		ENCLOSURE		TYPE	KVA CODE		DESIGN		
60	45	9	900	89	0	405T		TEFC		TFS	G		В	
PH	HZ	VO	LTS	AM	PS	STAF	RT TYPE	D	UTY	INSL	S.F.	AMB	ELEV.	
3	60/50	460)#380	80&	80	ACROS	S THE LINE	CONT		F	1.15	40	3300	
	C CC-	00.0	T	2/4 D EEE	00.0		1/0 D EEE	93.6	CTD FFF		ELECT. TY	DE		
	F.L. EFF F.L. PF	74.5	93.6 3/4 LD EFF 93.6 74.5 3/4 LD PF 71.0			1/2 LD EFF 1/2 LD PF		93.0		SQ CAGE IND				
	1.5.11	74.5	1	3/4 LD 11	71.0		1/2 LD 11	62.0	30.0		OQ OAGE IIVE	711014		
F.L. T	ORQUE	LF	R AMPS @	460 V	160 V L.R. TORQUE		B.D. TORQUE		JE	F.L. RISE (°C)				
355	LB-FT		435		625 LB-FT 176%		850 LB-FT		239%	75				
						1								
	3 FT.		WER	ROTOR	R WK ² LB-FT ²	MAX. L	LB-FT ²		TALL TIME	STAR	TS/HOUR		R WGT	
68	dBA	77	dBA	40.8	LD-FI-	U	LB-FI-	20	SEC.		0	1400	LB.	
					*** Sl	JPPLEME	NTAL INFO	RMATIO	N ***					
		-	RACKET	MOUNT	_	TOR	SEVERE		RDOUS	DRIP		B		
	NDARD		YPE NDARD	TYPE RIGID		ZONTAL	NO NO		ONE	NO NO	NONE		INT ENAMEL)	
SIA	NUALID	STAIN	NDAILD	Maid	HOM	ZONTAL	NO	IN.	ONL	NO	NONE	BLOL (L	_INAIVILL)	
BEA	RINGS	CDI	EACE	SHAFT	TVDE	CDE	CIAL DE	CDEC	IAL ODE	CHAFT	MATERIAL	FRAME MATERIAL		
DE	ODE	GRI	EASE	SHAFT	TYPE	SPE	CIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAME	WAIERIAL	
BALL	BALL	POLYREX EM		т		N	IONE	N	ONE	1045 HOT R	OLLED (C-204)	CAST	ΓIRON	
6316	6313													
												SP	ACE	
THERMOSTATS		PROTE	ECTORS	WDG F	RTD's	BRO	RTD's	THERMIST		CONTROL		HEATERS		
NONE		N	IOT	NOI	NE	N	ONE	NONE		FALSE		NA		
D4 (-1	(l-)	D0 (-1	l (l- \	V4 (-l-	(l-)	V0./-	hara (ala)	V (-	I(I-)	VIDDAT	ION (: /)		0.47	
R1 (ohms/ph) 0.068			hms/ph) 041	X1 (ohr 0.3				Xm (ohms/ph) 5.908		VIBRATION (in/sec) 0.150		FLOAT ODE		
0.	000	0.	041	0.0	-				.000		.100		<u> </u>	
*														
N										ER TORQUE:				
0 T								INV. HP SP	EED RANGE:	NONE				
Ė									ENCODER: NONE					
S						NONE NONE								
*									NONE			NONE	PPR	
						BRAKE: NONE								
PREPARED BY: FAREEDA DUDEKULA					NONE NONE									
DATE : 9/11/2018					FT-LB: NA VOLTAGE: NONE HZ:									
FORM: 3531 REV 4 2/27/06						UL: V-INS, CONST UL REC								



Q U 400.0 E

300.0

200.0

100.0

0.0

0

250.0

200.0

150.0

100.0