PRODUCT INFORMATION PACKET

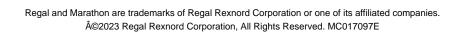


Model No: 324TTFS16105 Catalog No: L416B

XRI® General Purpose General Purpose Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,

900 & 750 RPM, 324T Frame, TEFC







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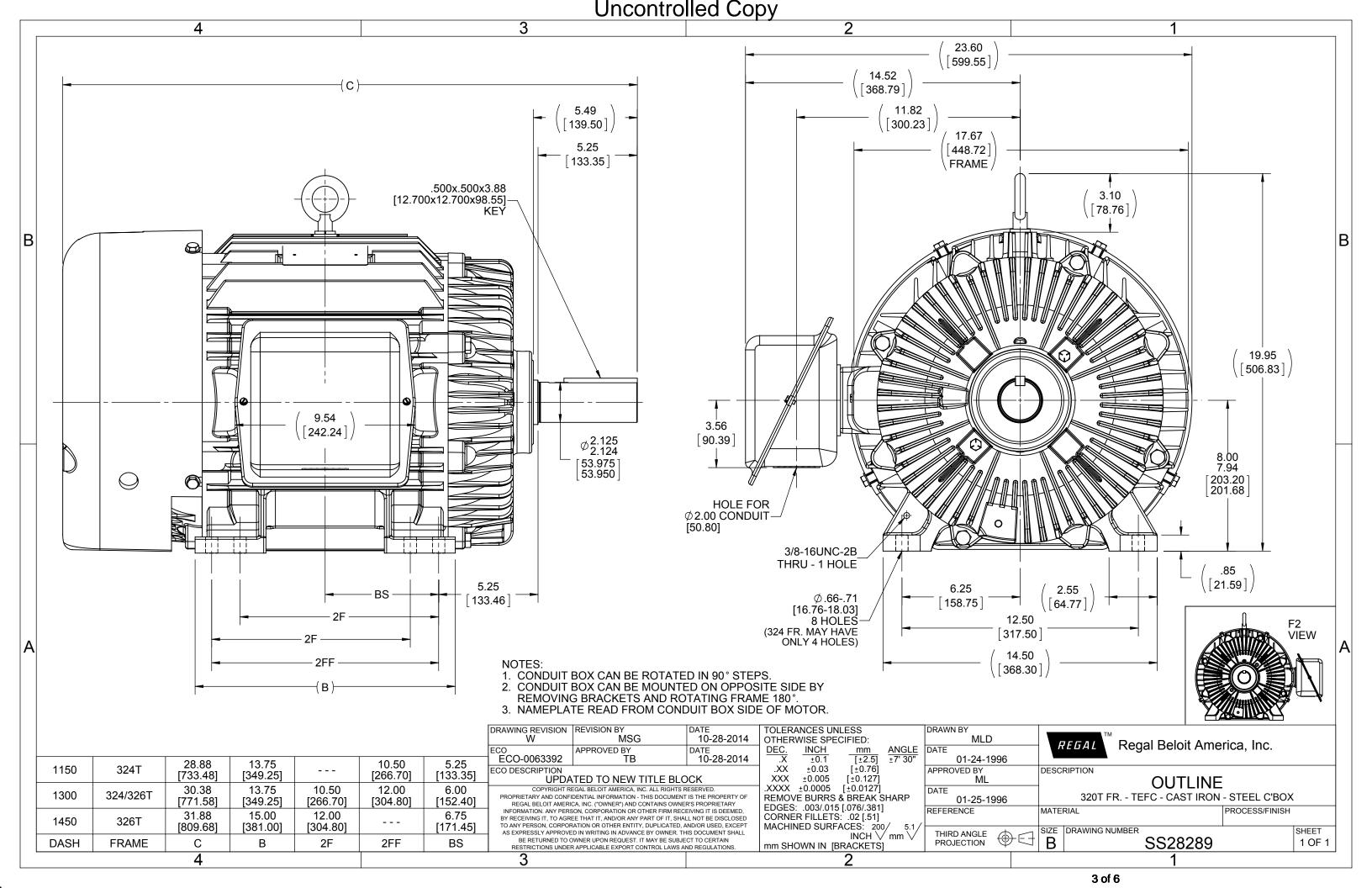
Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp			
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V			
Speed	882 & 732 rpm	Service Factor	1.15 & 1.15			
Frame	324T	Enclosure	Totally Enclosed Fan Cooled			
Thermal Protection	No Protection	Efficiency	90.2 & 89.5 %			
Ambient Temperature	40 °C	Frequency	60 & 50 Hz			
Current	59/29.5 & 54/27 A	Power Factor	70			
Duty	Continuous	Insulation Class	F			
Design Code	В	KVA Code	F			
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311			
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	.385 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	30.37 in
Frame Length	13.00 in	Shaft Diameter	2.125 in
Shaft Extension	5.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	B-SS28289-1300

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					<u>•</u> 1	mar	ath celecti	ON®		P.O. BOX 80 WAUSAU, W PH. 715-675	54401-8003	460	
CERTIFICATION DATA SHEET													
CUSTOMER: CUS								CUSTO	MER P.O. #:				
ORDER #:							R	EFERENC	E MODEL #:	324TTFS161	05		_
CONN. DI		A-EE7308			CAT # : L416B								
OUTLINE:		B-SS2828						CUSTOMER PART #:					
WINDING: SPEED:			324831	NONE	1				MOUNTING:	F1/F2 CAPAE	BLE		
SPEED:				т	VDICAL	MOTO	R PERFO		EDATA				
				<u> </u>	TPICAL		K PEKFU	RIVIANC	EDATA				
HP	KW	SYNO	CRPM	FL R	FL RPM FRAME		ENCLOSURE		TYPE	KVA CODE		DESIGN	
20	14.9	9	000	88	2	324T		TEFC		TFN	F		В
PH	HZ	VO	LTS	AMI	PS	STAF	START TYPE DUTY		UTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460	#190/380	59/29.58	<u>\$54/27</u>	ACROSS	S THE LINE	С	ONT	F	1.15	40	3300
			1						1	1			
	F.L. EFF			3/4 LD EFF			1/2 LD EFF	89.5	GTD EFF		ELECT. TYPE		
	F.L. PF	70.0		3/4 LD PF	64.0		1/2 LD PF	52.0	89.5		SQ CAGE IND	RUN	
FI T	ORQUE	1 15	R AMPS @	460 V L.R. TORQUE		IIF	B.D. TORQI		UE F.L. RISE		(°C)		
119	LB-FT		130			LB-FT			240 LB-FT		70	(0 ,	
- 110					.00		12070	2.0		202%	, , ,	l	I.
@:	3 FT.	PO	WER	ROTOR	R WK ²	MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		МОТО	R WGT
55	dBA	64	dBA	8.5	LB-FT ²	0	LB-FT ²	20	SEC.		0	650	LB.
				`	*** SL	JPPLEME	NTAL INFO	RMATIO	N ***				
		ODE B	RACKET	MOUNT		TOR	SEVERE		RDOUS	DRIP			
	KET TYPE		/PE	TYPE		ITATION	DUTY		ATION	COVER	SCREENS	PAINT BLUE (ENAMEL)	
SIAN	IDARD	SIAN	IDARD	RIGID	HORIZ	ZONTAL	NO	N	ONE	NO	NONE	BLUE (F	=NAMEL)
REA	RINGS	1				1						l	
DE	ODE	GRE	EASE	SHAFT	TYPE	SPEC	CIAL DE	SPECIAL ODE		SHAFT	MATERIAL	FRAME MATERIAL	
BALL	BALL	5011/5		Т			a =						
6312	6311	POLYF	POLYREX EM			N	ONE	NONE		1045 HOT ROLLED (C-204)		CAST IRON	
		1		l		1						SP	ACE
THERMOSTATS		PROTE	CTORS	WDG F	RTD's	BRG RTD's		THERMISTORS		CONTROL		HEATERS	
NO	NONE		NOT NONE		NONE		NONE		FALSE		NA		
		•								•			
R1 (ohms/ph)			nms/ph)	X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT	
0.	256	0.	192	1.70	1.704 1.406		16.117 0.150 ODE			DE			
*													
N									INVERT	ER TORQUE:	NONE		
0									EED RANGE:				
Т													
E								ENCODER: NONE					
S						NONE							
*									NONE			NONE	PPR
PREPARED BY FAREFRA RUDEWILL						BRAKE: NONE							
PREPARED BY: FAREEDA DUDEKULA					NONE NONE FT-LB: NA								
	DATE: 9/11/2018							FT-LB: NA VOLTAGE: NONE HZ:					
FORM: 3531 REV 4 2/27/06						UL: V-INS, CONST UL REC							

