PRODUCT INFORMATION PACKET

Model No: 324THFS9076 Catalog No: W562 25 HP Severe Duty Motor, 3 phase, 1200 RPM, 460 V, 324T Frame, TEFC Severe Duty Motors



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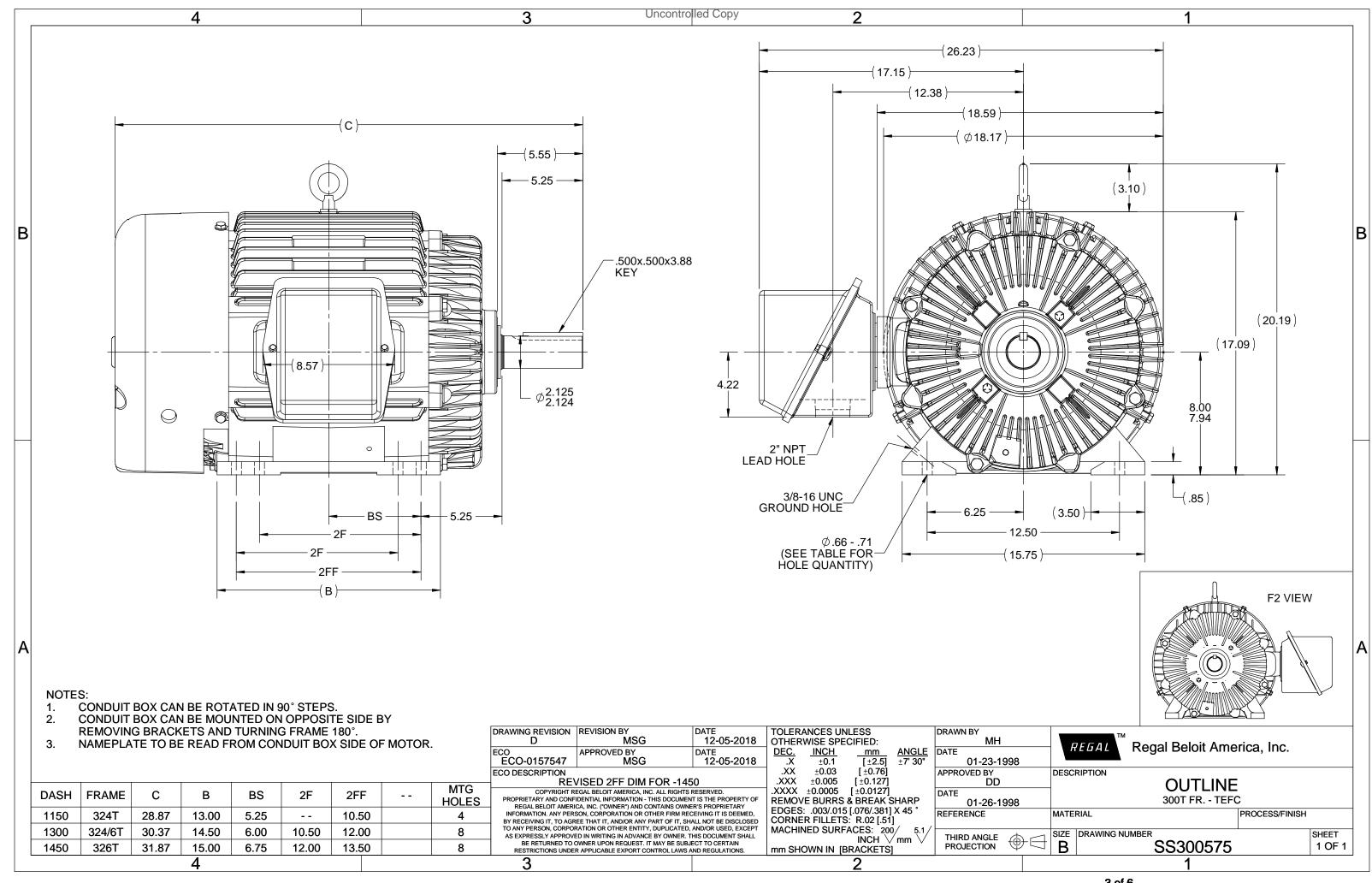
Nameplate Specifications

Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	460 V
Current	32.5 A	Speed	1182 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	324T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.255 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	28.87 in
Frame Length	11.50 in	Shaft Diameter	2.125 in
Shaft Extension	5.5 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7300	Outline Drawing	B-SS300575-1150

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CERTIFICATION DATA SHEET

Model#:	324THFS9076 CD	WINDING#:	324679 NONE 1
CONN. DIAGRAM:	A-EE7300	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	B-SS300575-1150		

TYPICAL MOTOR PERFORMANCE DATA

НР		ĸw		SYNC. F	PM	F.L	RPM	FRAM	ΛE	ENG	CLOSU	RE	KVA (ODE		DESIGN			
25		18.7		1200		1	182	324	Г		TEFC	<u> </u>		G		В			
РН	Н	z	VOLT	rs f	L AMPS	STA	ART TYPE	DUTY		INSL		S.F	-	AME	З°С	ELEVATION			
3	6	0	460		32.5		INE OR VERTER	CONTINU S	OU	F3	F3 1.15		1.15		0	3300			
FULL LOAD	L LOAD EFF: 93 3/4 LOAD EFF: 93 1/2 LOAD EFF: 92.4 GTD. EFF		F	ELEC. TYPE		ГҮРЕ	NO		OAD AMPS										
FULL LOAD	PF: 78	3	/4 LOAD	PF: 73	1/2 L0	DAD	PF: 63	92.4 SQ CA		CAGE INV RATED)		14					
F.L. TO	RQUE		LOCK	ED ROTO	R AMPS		L.R. TC	ORQUE B.D. TORQ		QUE B.D. TORQUE				F.L. F	RISE°C				
112 L	B-FT			182			175 LB-	-FT 156 300 LB-FT		56 300 LB-FT 268			55						
SOUND PRESS @ 3 FT.	SURE	SOUN	D POWE	R RC	TOR WK	2	MAX.	WK^2	SAF	E STALL	TIME		STARTS /HOUR		APP	ROX. MOTOR WGT			
56 dBA		6	6 dBA	8	5 LB-FT^2	12 425 LB		3-FT^2 20 SEC.		-FT^2 20 SEC.		3-FT^2 20 SEC.		20 SEC. 2		2			650 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	PREMIUM SEVERE DUTY	DIVISION 2 T2B	FALSE	NONE	BLUE (EPOXY)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	т	NONE	NONE	1045 HOT	CAST IRON
6312	6311]				ROLLED (C-204)	

	THERMO-PF	ROTECTORS	THERMISTORS	CONTROL	SPACE /n HEATERS	
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further

	information
	INVERTER TORQUE: CONSTANT 20:1
N	INV. HP SPEED RANGE: NONE
0	ENCODER: NONE
	NONE NONE
	NONE NONE PPR
S	BRAKE: NONE NONE
	NONE P/N NONE
	NONE NONE
	NONE FT-LB NONE V NONE Hz

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