PRODUCT INFORMATION PACKET



Model No: 326THFS19033
Catalog No: W581
50 HP Severe Duty Motor, 3 phase, 1800 RPM, 575 V, 326T Frame, TEFC
Severe Duty Motors



Regal and Marathon are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2021 Regal Rexnord Corporation, All Rights Reserved. MC017097E





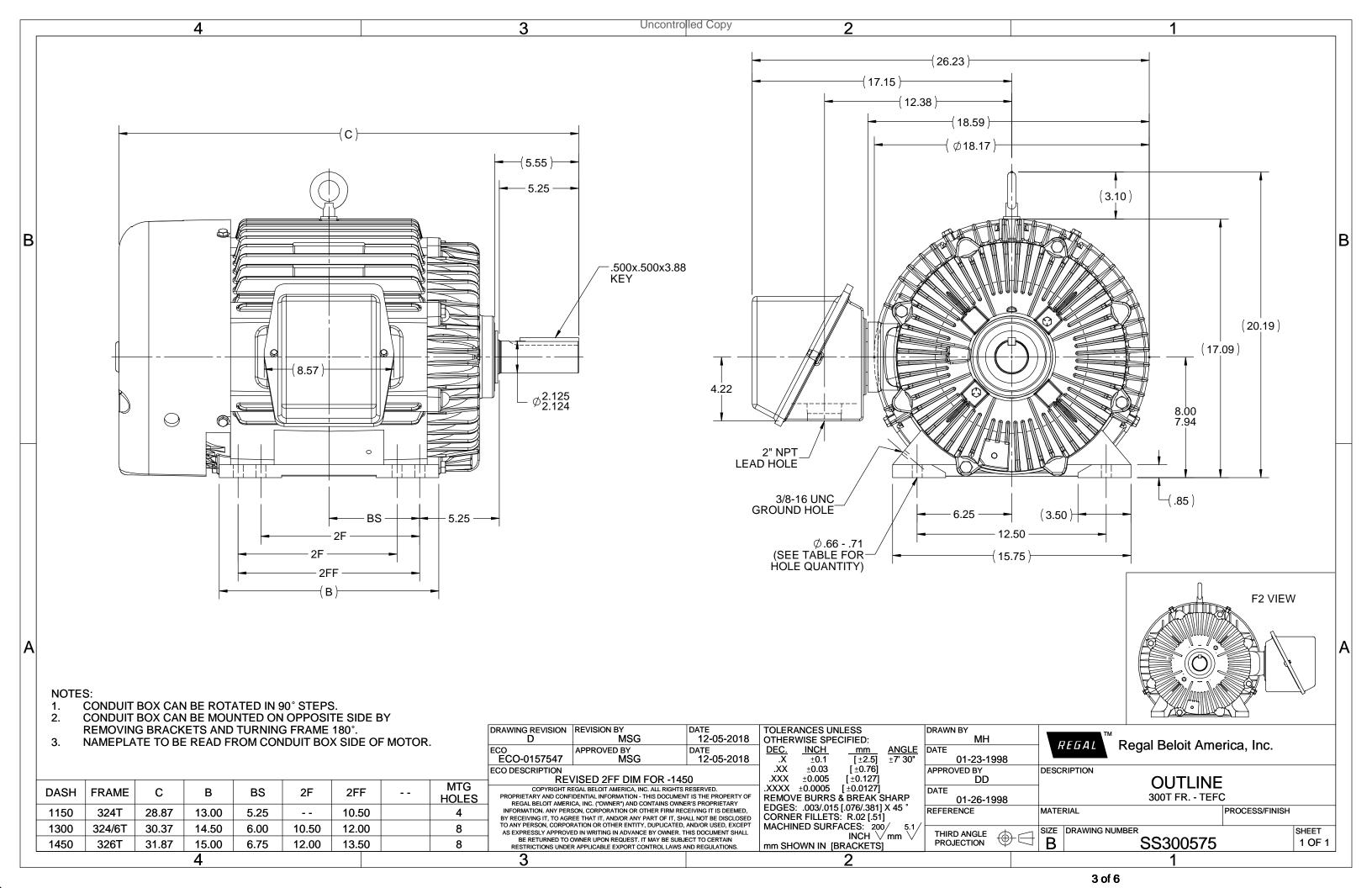
Nameplate Specifications

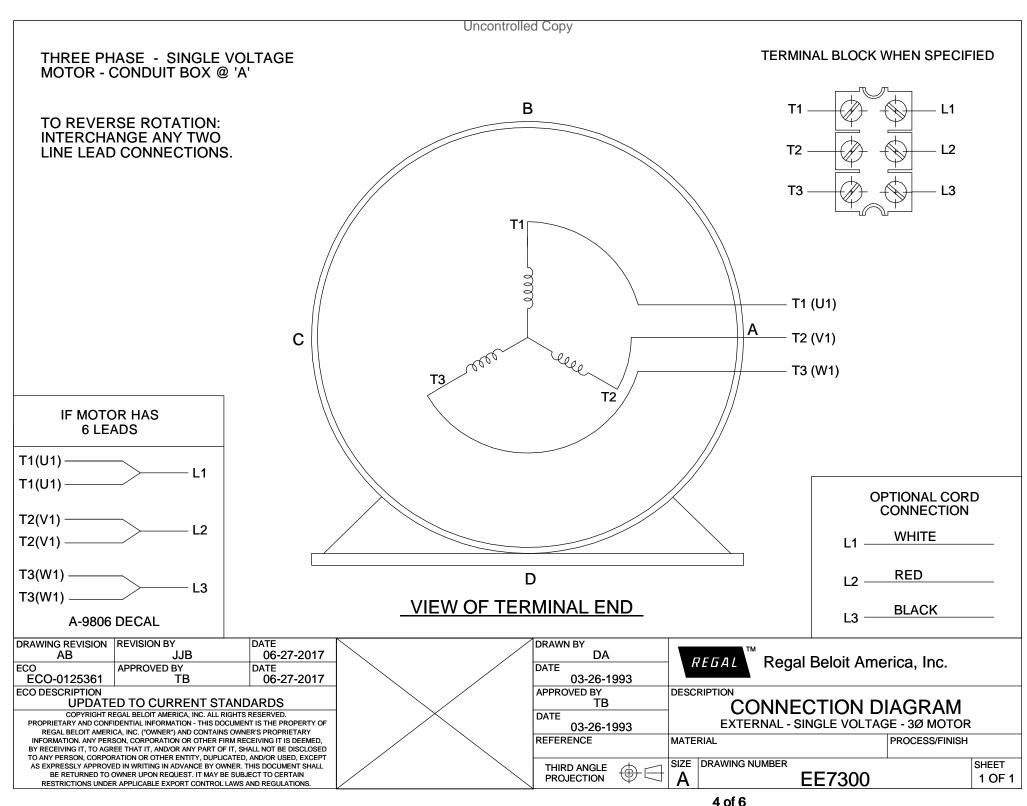
Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	575 V
Current	49.0 A	Speed	1777 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
Frame	326T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Υ
CE	Υ	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.027 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	5.5 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	A-EE7300	Outline Drawing	B-SS300575-1300

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:10/12/2021





CERTIFICATION DATA SHEET

 Model#:
 326THFS19033 BR
 WINDING#:
 K3264196 NONE 5

 CONN. DIAGRAM:
 A-EE7300
 ASSEMBLY:
 F1/F2 CAPABLE

OUTLINE: B-SS300575-1300

TYPICAL MOTOR PERFORMANCE DATA

HP	KV	V	SYN	IC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KVA	CODE	DESIGN
50	37	,		1800	1777	326T	TEF	c		F	В
PH	Hz	vo	LTS	FL AMPS	START TYPE	DUTY	INSL	S.F		AMB°C	ELEVATION
3	60	5	75	49	LINE OR	CONTINUOU	F3	1.1	5	40	3300

FULL LOAD EFF: 94.5	3/4 LOAD EFF: 94.5	1/2 LOAD EFF: 94.1	GTD. EFF	ELEC. TYPE	NO LOAD AMPS	
FULL LOAD PF: 80.5	3/4 LOAD PF: 76	1/2 LOAD PF: 65.5	94.1	SQ CAGE INV RATED	20.6	

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
148 LB-FT	289.6	275 LB-FT 186	360 LB-FT 243	75

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
65 dBA	75 dBA	9.7 LB-FT^2	325 LB-FT^2	25 SEC.	2	775 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACK TYPE	ODE BRACKET	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDAR	D 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 2:1 INV. HP SPEED RANGE: NONE

ENCODER: NONE NONE NONE NONE NONE PPR

BRAKE: NONE NONE NONE P/N NONE NONE NONE

NONE FT-LB NONE V NONE Hz

N O T E S

> DATE: 06/21/2017 05:51:54 AM FORM 3531 REV.3 02/07/99 ** Subject to change without notice.

