PRODUCT INFORMATION PACKET



Model No: 254THFNA9030
Catalog No: W547
15 HP Severe Duty Motor, 3 phase, 1800 RPM, 575 V, 254T Frame, TEFC
Severe Duty Motors



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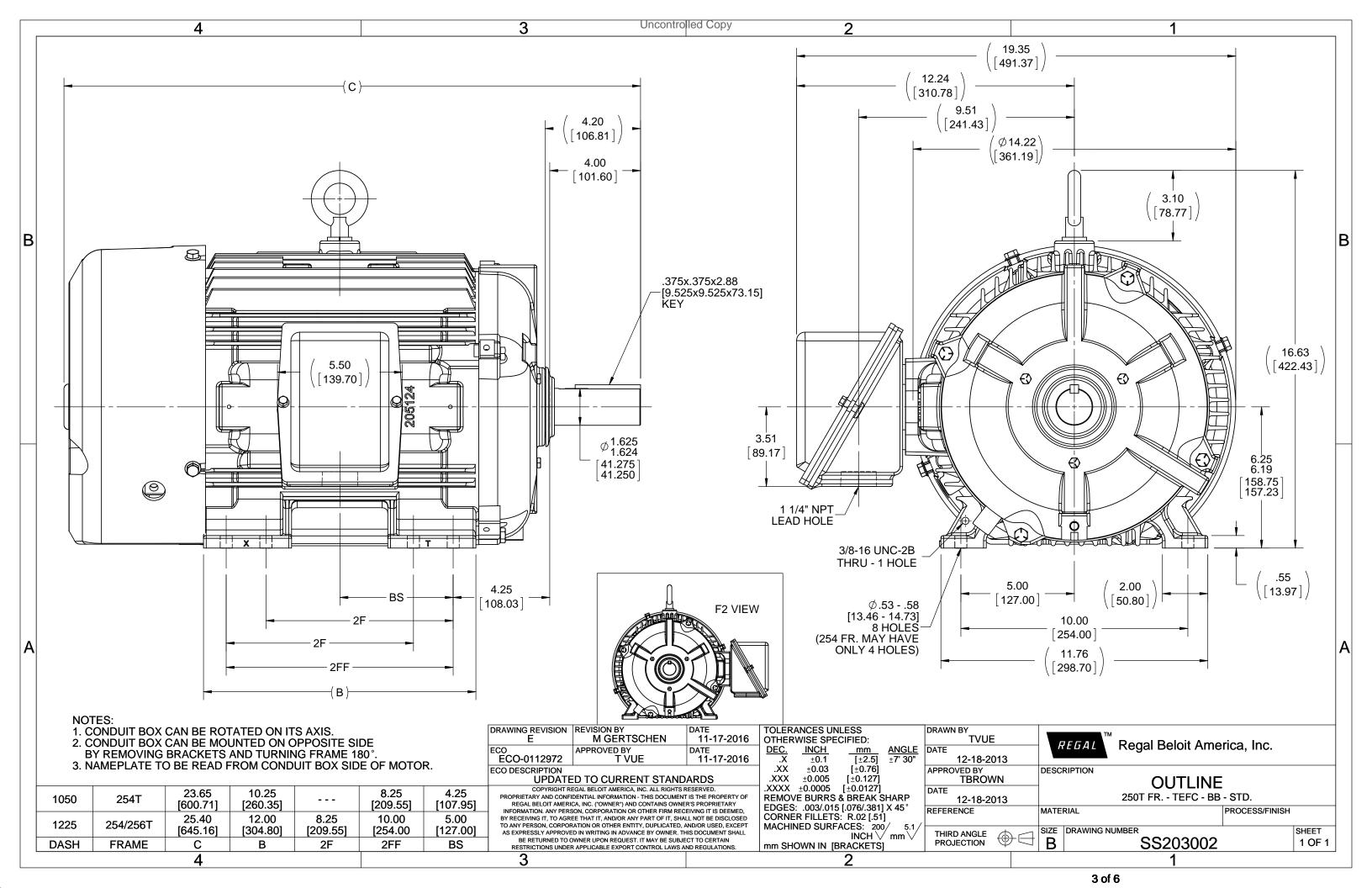
Nameplate Specifications

Output HP	15 Hp	Output KW	11.2 kW
Frequency	60 Hz	Voltage	575 V
Current	15.0 A	Speed	1775 rpm
Service Factor	1.15	Phase	3
Efficiency	92.4 %	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Frame	254T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Υ
CE	Υ	IP Code	56
Number of Speeds	1		
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Technical Specifications

Rotation	Deverella la
	Reversible
Mounting	Rigid Base
Drive End Bearing	Ball
Frame Material	Cast Iron
Overall Length	23.65 in
Shaft Diameter	1.625 in
Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS203002-1050
	Drive End Bearing Frame Material Overall Length Shaft Diameter Assembly/Box Mounting

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CERTIFICATION DATA SHEET

 Model#:
 254THFNA9030 AB
 WINDING#:
 K2564165 NONE 3

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

OUTLINE: B-SS203002-1050

TYPICAL MOTOR PERFORMANCE DATA

HP	KV	V	SYN	IC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KVA	A CODE	DESIGN
15	11.	2		1800	1775	254T	TEF	c		G	В
PH	Hz	voi	LTS	FL AMPS	START TYPE	DUTY	INSL	S.	F		ELEVATION
3	60	57	75	15	LINE OR	CONTINUOU	F3	1.1	15	40	3300

FULL LOAD EFF: 92.4	3/4 LOAD EFF: 92.4	1/2 LOAD EFF: 91	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 81	3/4 LOAD PF: 78	1/2 LOAD PF: 68	91.7	SQ CAGE INV RATED	6.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C	
44.4 LB-FT	88	85 LB-FT 191	125 LB-FT 282	55	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
65 dBA	75 dBA	2.4 LB-FT^2	110 LB-FT^2	25 SEC.	2	325 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
6309	6210					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 10:1 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

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