PRODUCT INFORMATION PACKET



Model No: 256THFNA19081
Catalog No: W542
10 HP Severe Duty Motor, 3 phase, 1200 RPM, 575 V, 256T Frame, TEFC
Severe Duty Motors



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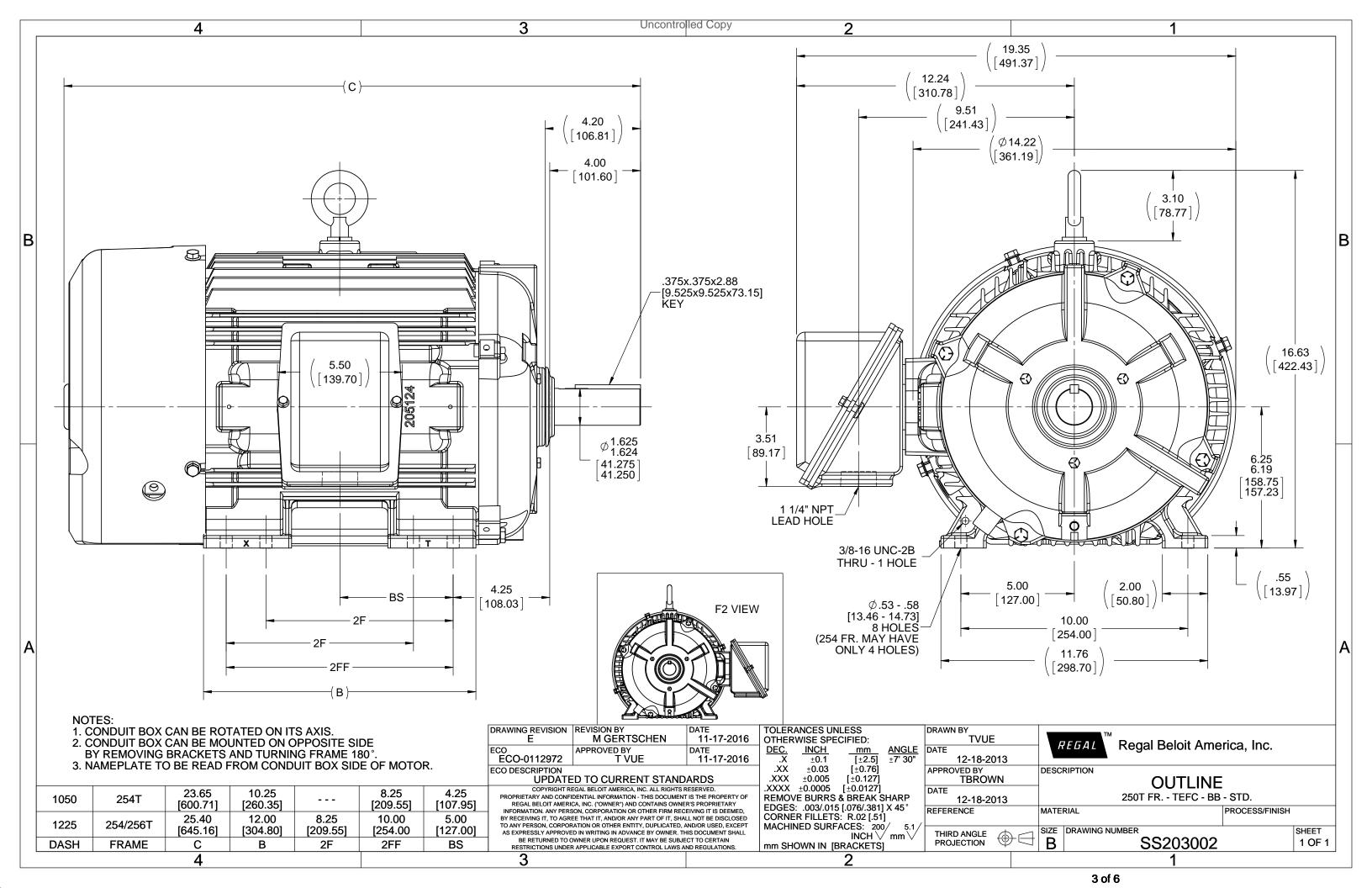
Nameplate Specifications

Output HP	10 Hp	Output KW	7.5 kW
Frequency	60 Hz	Voltage	575 V
Current	ent 10.5 A Sp		1176 rpm
Service Factor	Factor 1.15 Phase		3
Efficiency	y 91 % Pc		79
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	н
Frame	256T	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		

Technical Specifications

Poles6RotationReversibleResistance Main.934 OhmsMountingRigid BaseMotor OrientationHorizontalDrive End BearingBallOpp Drive End BearingBallFrame MaterialCast Iron	
Motor Orientation Horizontal Drive End Bearing Ball	
Opp Drive End Bearing Ball Frame Material Cast Iron	
Shaft Type T Overall Length 25.40 in	
Frame Length 12.25 in Shaft Diameter 1.625 in	
Shaft Extension 4.2 in Assembly/Box Mounting F1/F2 Capable	
Connection Drawing A-EE7300 Outline Drawing B-SS203002-1225	

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CERTIFICATION DATA SHEET

256THFNA19081 AB WINDING#: 256674 NONE 8 Model#: ASSEMBLY: CONN. DIAGRAM: A-EE7300 F1/F2 CAPABLE

OUTLINE: B-SS203002-1225

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TYPICAL MOTOR PERFORMANCE DATA

НР	KW	•	SYN	IC. RPM	F.L. RPM	FRAME	ENCLOS	SURE	KV	A CODE	DESIGN
10	7.5			1200	1176	256T	TEF	С		Н	В
PH	Hz	VO	LTS	FL AMPS	START TYPE	DUTY	INSL	s.	F	AMB°C	ELEVATION
3	60	57	75	10.5	LINE OR	CONTINUOU	F3	1.1	15	40	3300
					INVERTER	S					

FULL LOAD EFF: 91	3/4 LOAD EFF: 91	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 79	3/4 LOAD PF: 72.5	1/2 LOAD PF: 61	90.2	SQ CAGE INV RATED	5.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
44.7 LB-FT	64.8	92 LB-FT 206	139 LB-FT 311	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
56 dBA	66 dBA	3 LB-FT^2	225 LB-FT^2	20 SEC.	2	390 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKE TYPE	ODE BRACKET	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)

BEAF	RINGS	GREASE	ASE SHAFT TYPE SPE		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 2:1 INV. HP SPEED RANGE: NONE

ENCODER: NONE NONE NONE NONE NONE PPR

NONE BRAKE: NONE NONE P/N NONE NONE NONE

NONE FT-LB NONE V NONE Hz

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