PRODUCT INFORMATION PACKET



Model No: 213THFND9030
Catalog No: W533A
7.50 HP Severe Duty Motor, 3 phase, 1800 RPM, 575 V, 213T Frame, TEFC
Severe Duty Motors



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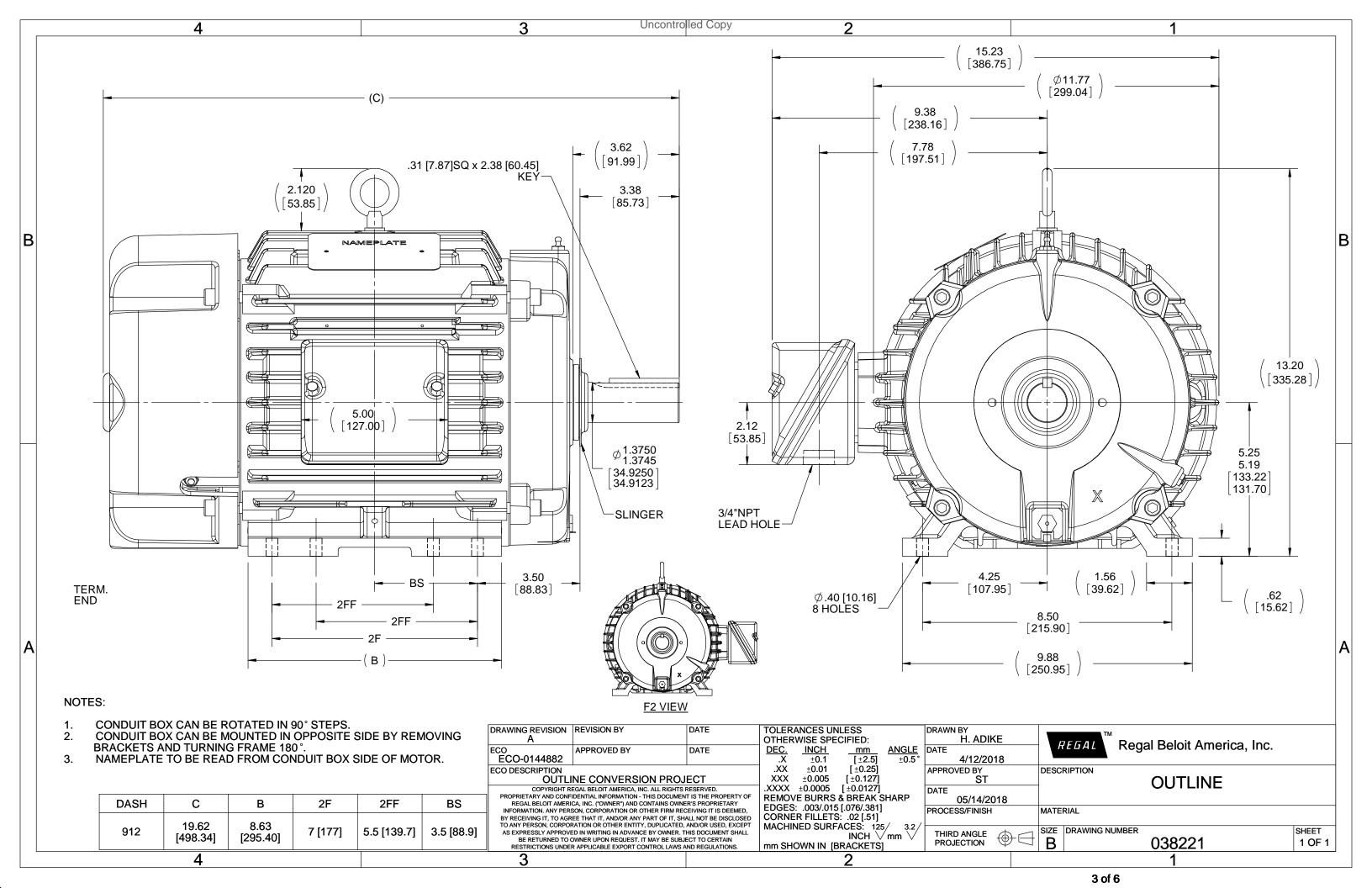
Nameplate Specifications

Output HP	7.50 Hp	Output KW	5.6 kW
Frequency	60 Hz	Voltage	575 V
Current	7.7 A	Speed	1765 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	79.2
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Frame	213T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6208
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	1.18 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	19.62 in
Frame Length	9.12 in	Shaft Diameter	1.375 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7300	Outline Drawing	038221-912

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DATA VOLTS: 575

CERTIFICATION DATA SHEET

REFERENCE MODEL #: 213THFND9030
CAT #: W533A

							R	EFERENC	E MODEL #:	213THFND903	30		
CONN. DIAGRAM: A-EE7300 OUTLINE: 038221-912		!						CAT #:	W	533A		-	
WINDING: K2134				NONE 3 MOUNTING: F1/F2 CAPABLE									
					TY	PICAL I	MOTOR PERFORMA	NCE D	ATA				
нр к	N	SYNC	RPM	FL RPM		FRAME		ENCLOSURE		TYPE	KVA CODE		DESIGN
7.5 5.	6	180	00	1765			213T	TEFC		TFN	Н		В
													I
PH H 3 6		VOL :		7.7		START TYPE LINE OR INVERTER		DUTY CONT		INSL F	S.F. 1.15	AMB (° C) 40	3300
F.L.	EFF 9	1.7		3/4 LD EFF	92.2		1/2 LD EFF	91.6	GTD EFF		ELECT. TY	PΕ	
		9.2		3/4 LD PF	72.9		1/2 LD PF	61.1	91.0		SQ CAGE INV		
F.L. TORQU	E	LR AMPS		L.R	. TORQUE	B.D. TORQ		UE	F.L. RISE (° C)				
22.3 LB-F 1	•		50.8		52.9	LB-FT	237%	75.0	LB-FT	336%	50		
SOUND PRESS		SOU		ROTOR			MAX. LOAD WK ²		TALL TIME		S/HOUR		ROX.
62 dBA	7	'1 c	BA	0.85	LB-FT ²	45	LB-FT ²	25	SEC.		2	140	LB.
	1						PLEMENTAL INFORMA						
ODE BRACKET DE BRACKET TYPE TYPE		MOUNT TYPE	MOTOR ORIENTATION SEVERE DUTY			HAZARDOUS LOCATION		DRIP COVER			INT		
STANDARE)	STANE	DARD	RIGID	HORIZ	ONTAL	PREMIUM SEVERE DUTY	DIVIS	ON 2 T2B	NO	NONE	BLUE (EPOXY)
BEARINGS		GREASE SHAF		SHAFT	TYPE		SPECIAL DE	SPECIAL ODE		SHAFT	MATERIAL	MATERIAL FRAME	
DE OI BALL BA 6307 62	LL p	OLYRE	EX EM	Т		NONE		NONE 1144 STR		1144 STRESS	SPROOF (C-223)	CAST IRON	
THERMOSTA	TS P	ROTEC	TORS	WDG R	TD's		BRG RTD's	THER	MISTORS	CON	ITROL		ACE TERS
NONE		NOT NONE				NONE NONE			FALSE		NA		
R1 (ohms/pl	R1 (ohms/ph) R2 (ohms/ph)		X1 (ohm	ns/ph)	X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT		
1.85625		2.7046	8875	6.0015	625		7.746875	123	3.08125	0.	.080	0	DE
* N O T						If Inverter equals NONE, contact factory for further information INVERTER TORQUE: CONSTANT 2:1 INV. HP SPEED RANGE: NONE							
E S									ENCODER: NONE NONE	NONE		NONE	DDD
PREPARED	BY.								BRAKE:	NONE ONE	NONE	NONE :	FFK
	ATE:	5/13/2	2020						FT-LB: VOLTAGE:		NA ONE	-	н
FORM: 3531 RE) .										

