PRODUCT INFORMATION PACKET

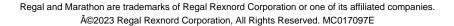


Model No: 254TTTNA16545 Catalog No: U1871

XRI®-SD Severe Duty Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,

254TV Frame, TEAO









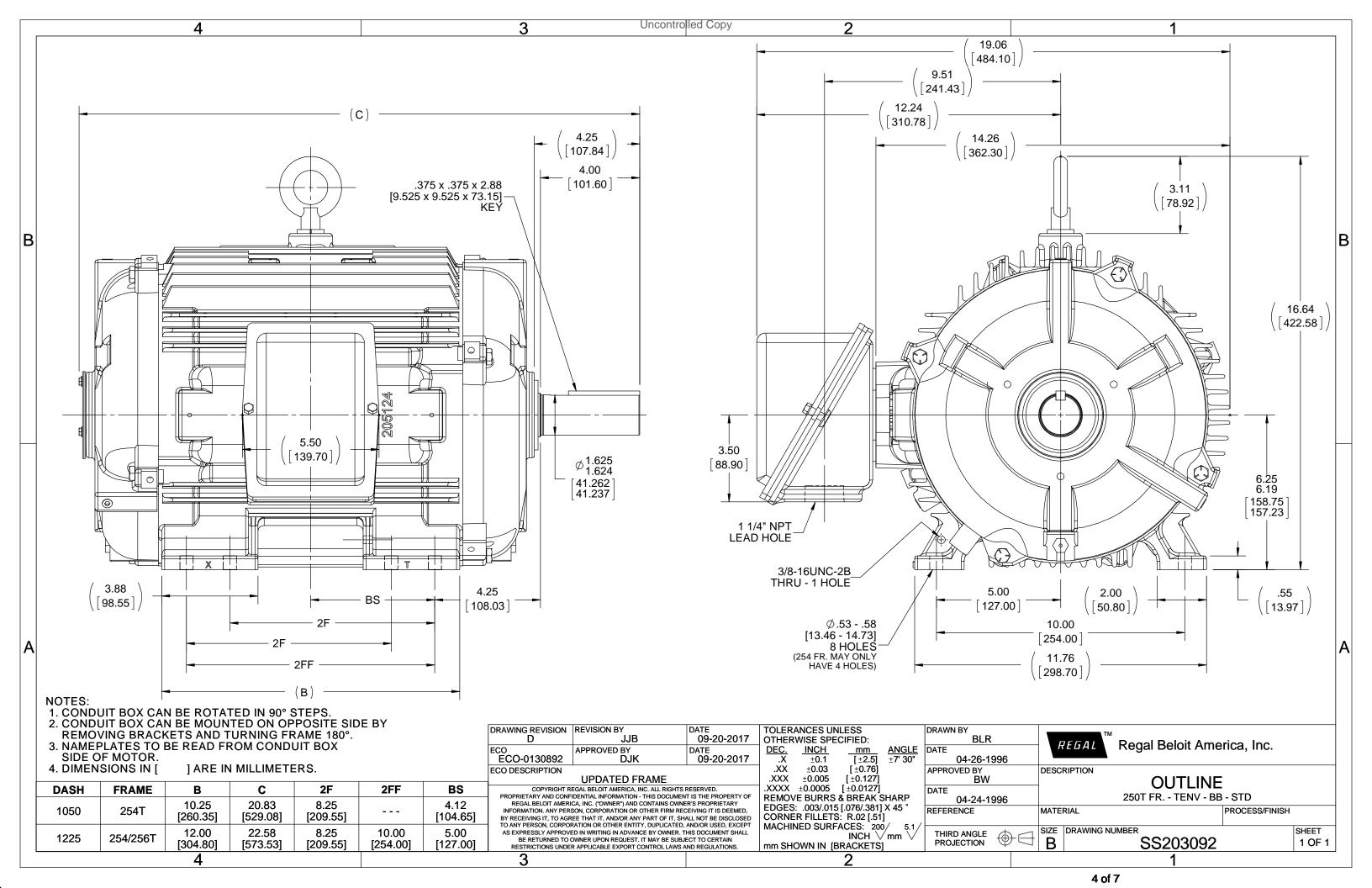
Nameplate Specifications

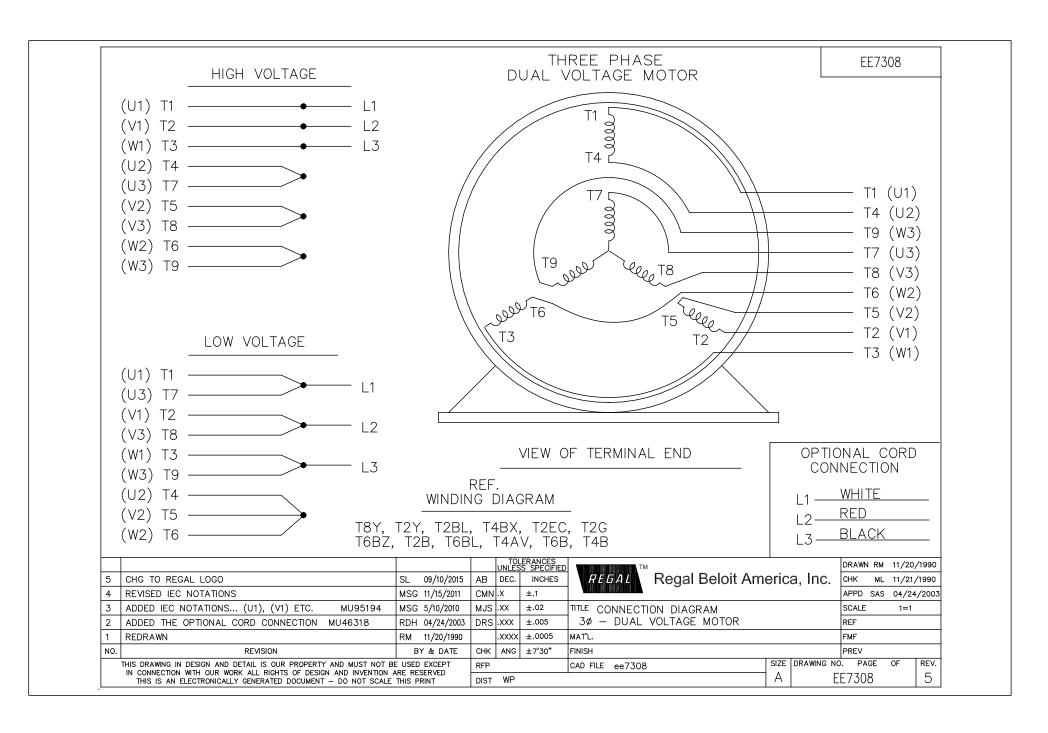
hase 3		Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	1775 & 1478 rpm	Service Factor	1.15 & 1.15
Frame 254TV		Enclosure	Totally Enclosed Air Over
Thermal Protection No Protection		Efficiency	92.4 & 91.7 %
Ambient Temperature 40 °C		Frequency	60 & 50 Hz
Current	37.5/18.8 & 31/15.5 A	Power Factor	81
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
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

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.649 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Up Or Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Т	Overall Length	20.61 in
Frame Length	10.50 in	Shaft Diameter	1.625 in
Shaft Extension	4.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 20:1		
Outline Drawing	B-SS203092-1050	Connection Drawing	A-EE7308

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CERTIFICATION DATA SHEET

254TTTNA16545 AA WINDING#: K2564165 R32 1 Model#: ASSEMBLY: CONN. DIAGRAM: A-EE7308 F1/F2 CAPABLE

OUTLINE: B-SS203092-1050

TYPICAL MOTOR PERFORMANCE DATA

Ĺ	HP	KV	V SYN	IC. RPM F.L. RPM		FRAME	ENCLOS	SURE _	KVA CODE	DESIGN	
L	15&10	15&10 11.2&7.5 1800		1800	1775&1478 254TV		TEA	TEAO		В	
_			1	í	,						
	PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION	
	3	60/50	230/460#190/	37.5/18.8&31/	LINE OR	CONTINUOU	F3	1.15/1.1	15 40	3300	
L			380	15.5	INVERTER	S					

FULL LOAD EFF: 92.4&91.7	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 81&79	3/4 LOAD PF: 78	1/2 LOAD PF: 68	91	SQ CAGE INV RATED	15.6 / 7.8

F.L. TORQUE	F.L. TORQUE LOCKED ROTOR AMPS		B.D. TORQUE	F.L. RISE°C	
44.4 LB-FT	220 / 110	85 LB-FT 191	125 LB-FT 282	0	

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	2.4 LB-FT^2	110 LB-FT^2	25 SEC.	2	310 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

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 20:1 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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