PRODUCT INFORMATION PACKET



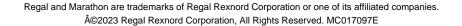
Model No: 213TTFWD16012

Catalog No: C205B

XRI® General Purpose General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V,

3600 & 3000 RPM, 213TC Frame, TEFC









Nameplate Specifications

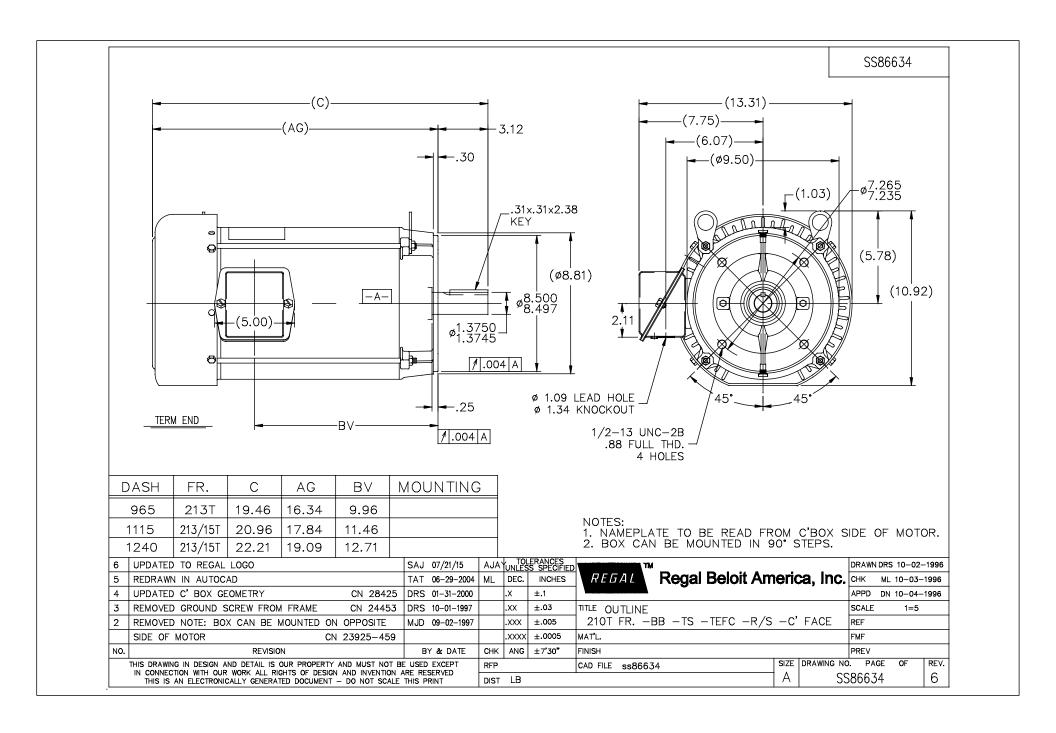
Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	3525 & 2945 rpm	Service Factor	1.15 & 1.15
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	18.6/9.3 & 16/8 A	Power Factor	84.6
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	Н
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Υ
CE	Υ	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.1725 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	19.46 in
Frame Length	9.65 in	Shaft Diameter	1.375 in
Shaft Extension	3.12 in	Assembly/Box Mounting	F1/F2 Capable
Connection Drawing	EE7308	Outline Drawing	SS86634-965

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CERTIFICATION DATA SHEET

213TTFWD16012 AA WINDING#: K2132124 NONE 2 Model#: ASSEMBLY: CONN. DIAGRAM: EE7308 F1/F2 CAPABLE

OUTLINE: SS86634-965

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	ı	SYNC. RPM	F.L. RPM	FRAME	ENCLOS	SURE KV	A CODE	DESIGN
7 1/2&5	5.60&3	3.70	3600	3525&2945	213TC	TEF	с	Н	В
PH	Hz	VOLTS	S FL AME	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
	00/50	000/400#	400/ 40 0/0 00	40/0 AODOOO TUE	CONTINUOU		4.45/4.45	10	0000

3	60/50	230/460#190/	18.6/9.3&16/8	ACROSS THE	CONTINUOU	F4	1.15/1.15	40	3300
		380		LINE	S				

FULL LOAD EFF: 89.5&88.5	3/4 LOAD EFF: 88.9	1/2 LOAD EFF: 88.1	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 84.6&80.2	3/4 LOAD PF: 79.7	1/2 LOAD PF: 68.4	89.5	SQ CAGE IND RUN	8.2 / 4.1

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
11.2 LB-FT	126 / 63	19.3 LB-FT 172	33 LB-FT 295	55

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
72 dBA	82 dBA	0.55 LB-FT^2	12 LB-FT^2	20 SEC.	2	165 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	AISI 1045 (C-240)	ROLLED STEEL
6309	6206						

	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: NONE 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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