PRODUCT INFORMATION PACKET





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Product Information Packet: Model No: 213TTFBA6028, Catalog No:GT1216 Globetrotter® General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 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	1770 & 1480 rpm	Service Factor	1.15 & 1.0
Frame	213TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 92 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	18.6/9.3 & 16.4/8.2 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	н
Drive End Bearing Size	6307	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 Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	1.035 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Т	Overall Length	19.53 in
Shaft Diameter	1.375 in	Shaft Extension	3.37 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 10:1
Outline Drawing	SS620297-213TC	Connection Drawing	A-EE7308

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FMF

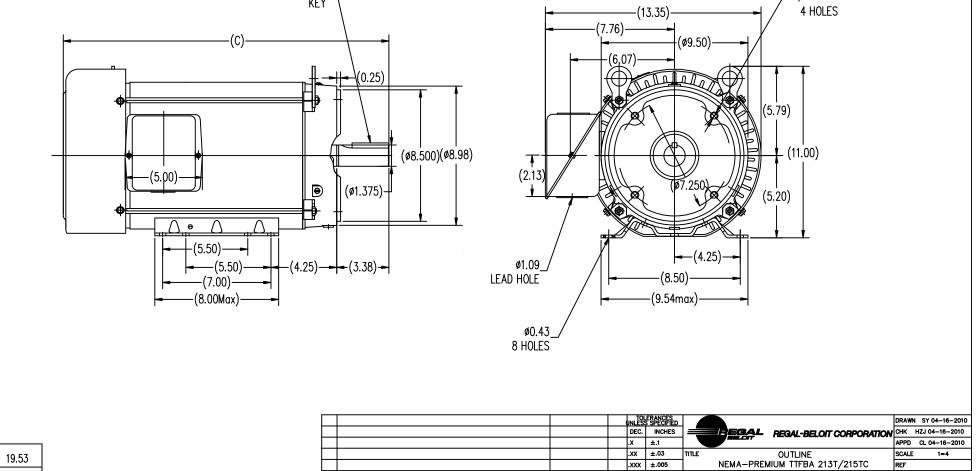
PREV

SS620297

SIZE DRAWING NO. B SS6.

HWADA

-1/2"-13-UNC-2B



REVISION

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5/16x5/16x2.38

KEY

213TC

215TC

FRAME

21.02

С

.xxxx ±.0005

CHK ANG ±1/2

RFP

DIST

MAT'L.

FINISH

CAD FILE

SS620297



CERTIFICATION DATA SHEET

213TTFBA6028 BB WINDING#: CHT21340005 NONE 1 Model#: CONN. DIAGRAM: A-EE7308 ASSEMBLY: F1/F2 CAPABLE

OUTLINE: B-SS620297

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	ı SY	NC. RPM	F.L. RPM	FRAME	ENCLOS	SURE KV	A CODE	DESIGN
7 1/2&5	5.60&3	3.70	1800	1770&1480	213TC	TEF		Н	В

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	18.6/9.3&16.4/	LINE OR	CONTINUOU	F7	1.15/1.0	40	3300
		380	8.2	INVERTER	S				

FULL LOAD EFF: 91.7&92	3/4 LOAD EFF: 91.7	1/2 LOAD EFF: 90.2	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 83&74.5	3/4 LOAD PF: 75	1/2 LOAD PF: 60.5	91	SQ CAGE INV RATED	9.6 / 4.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
22.2 LB-FT	126 / 63	40 LB-FT 176	64.6 LB-FT 290	35

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	0.9 LB-FT^2	75 LB-FT^2	25 SEC.	2	175 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	Т	NONE	NONE	1045 HOT	ROLLED STEEL
6307	6206					ROLLED (C-204)	

	THERMO-PROTECTORS				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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