PRODUCT INFORMATION PACKET

Model No: 254TTFCD6028 Catalog No: GT1222A Globetrotter® General Purpose Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 254TC Frame, TEFC



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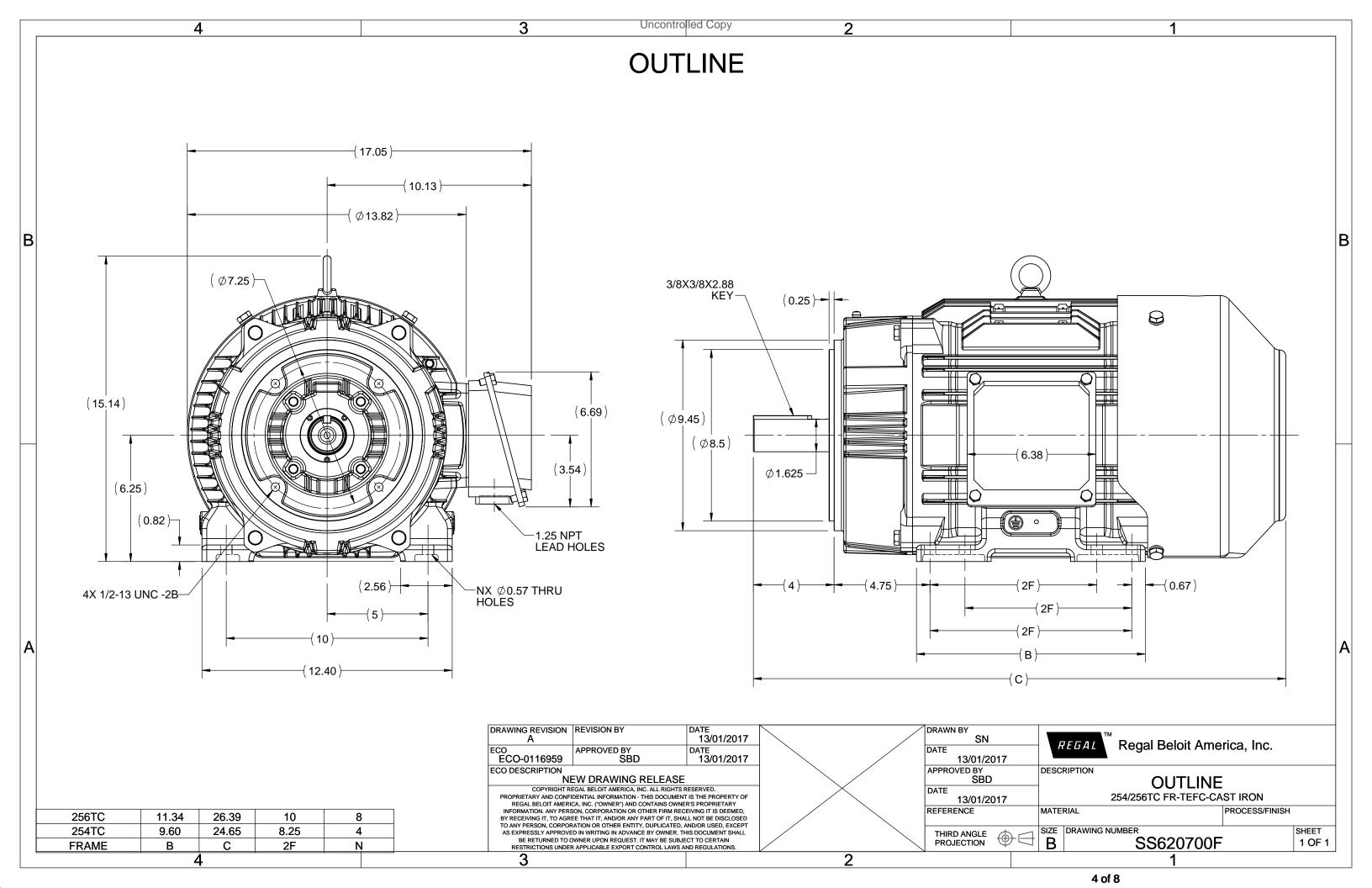
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	1770 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	254TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 91.8 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	36.5/18.4 & 31/15.5 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Listed	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.713 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	24.65 in
Frame Length	10.00 in	Shaft Diameter	1.626 in
Shaft Extension	4 in	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1/VARIABLE 10:1		
Connection Drawing	EE7308K	Outline Drawing	SS620700-100

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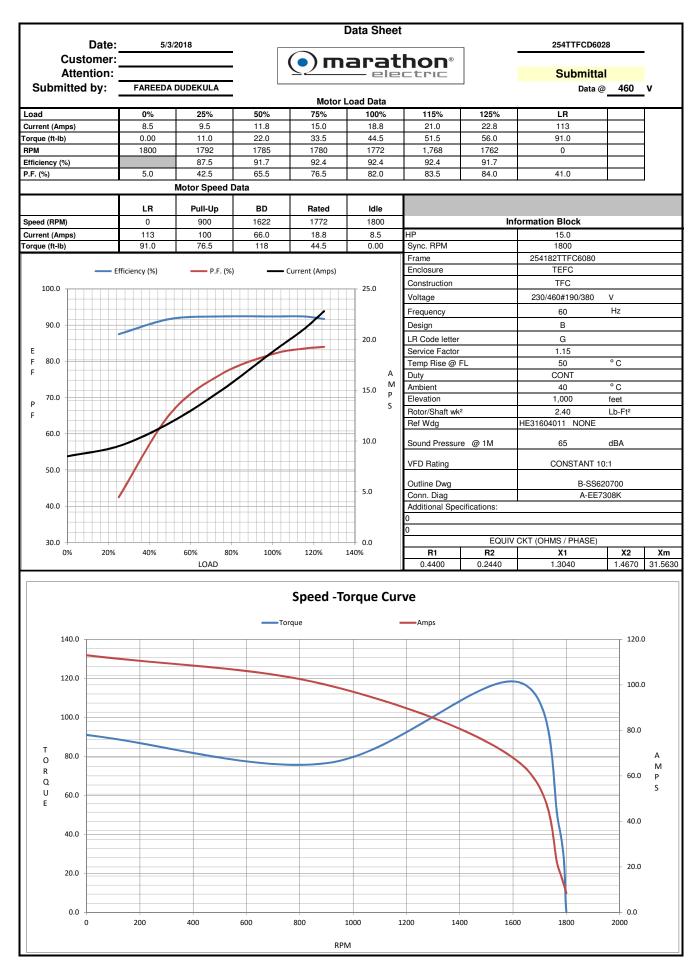


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LOW VOLTAGE								EE	7308K
T1(U1) T6(W2) T7(U3)									
T2(V1) T4(U2) T8(V3)	<u>)</u>								
T3(W1) T5(V2) T9(W3)	3			_		• T9 T4 •			-T6(W2) -T9(W3) -T1(U1) -T4(U2)
HIGH VOLTAGE T1(U1)L1				/	C C	Jon Jon			-T7(U3) -T2(V1) -T5(V2)
T4(U2) T7(U3)									-T8(V3) -T3(W1)
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6 REDRAWN ON CADD	PGK 06-05-1997			±.0005	MAT'L.			FMF	
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THIS DRAWING IN DESIGN AND DETAIL IS DUR PROPERTY AND MUST NO		RFP	· · · · ·		CAD FILE	EE7308K	SIZE DRAWING		
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OnDER : AEE730X BESS00700 REFERENCE MODEL #: 34TTED0208 CONN.DIAGRAM. AEE730X GT122A OUTLINE : B-SS500700 CUSTOMER PART #: MOUNTING: GT122A SPEED: TYPICAL MOTOR PERFORMANCE DATA TYPICAL MOTOR PERFORMANCE DATA HP KW SYNC RPM FL RPM FRAME ENCLOSURE TYPE KVA CODE DESIGN 15 11.2 1900 1772 254TC TEFC TEC G B PH HZ VOLTS AMPS START TYPE DUTY NSL S.F. AMB ELEV. 3 0050 220460F190380 37.518.831.515.7 LINE OR INVERTER CONT F LINTE 4MB ELEV. F.L. EFF 92.4 34.10 PF 75.5 17.10 PF ELECT. TYPE ELECT. TYPE F.L. EFF 92.4 34.10 PF 75.5 17.10 PF 20.050.00 Col F.L. EFF 92.4 10.0 LB-FT 20.0 SEC 2 400 LB	CERTIFICATION DATA SHEET													
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EC Declaration of Conformity

The undersigned representing the manufacturer:

Regal Beloit America 100 East Randolph St. Wausau, WI 54401 and the authorized representative established within the Community:

Marathon Electric UK 6F Thistleton Road Ind. Estate Market Overton Oakham, Rutland LE15 7PP UK

are committed to providing customers with products that comply with applicable regulations and international protocols to which they are subject, including the requirements of the European Parliament Directive on the Harmonization of the laws relating to electrical equipment designed for use within certain voltage limits (2014/35/EU).

Regal Beloit America declares that the following product(s), to which this declaration relates, are in conformity with the relevant sections of the EC standards listed below.

This statement supersedes any statements previously issued pertaining to the product(s) listed below and is subject to change without notice.

Model No: 254TTFCD6028

(Model No. may contain prefix and/or suffix characters)

Catalog No : GT1222A

Rework No : N/A

Directives :

Low Voltage Directive 2014/35/EU

Harmonized Standards Used :

EN 60034-1: 2010 (IEC 60034-1: 2010) EN 60034-5: 2001/A1:2007 (IEC 60034-5: 2000/A1:2006)

Authorized Representative:

Michael A Logsdon

Michael A. Logsdon Vice President, Technology

Created on 09/01/2022

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Authorized Representative in the Community:

Julian Clark Marketing Engineer