PRODUCT INFORMATION PACKET

Model No: 405TTTCD16537 Catalog No: U1879A Globetrotter® General Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM, 405TV Frame, TEAO



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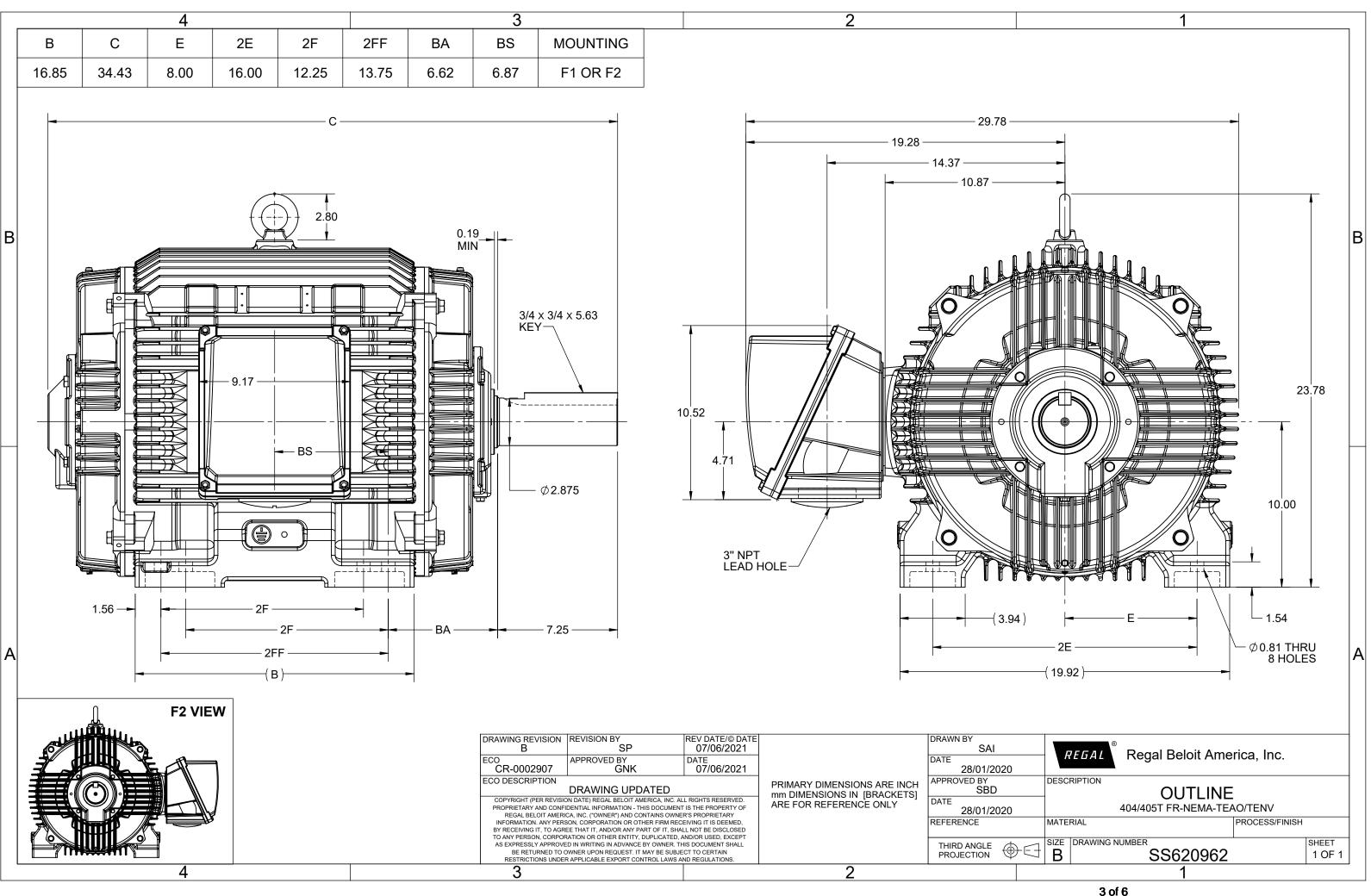
Nameplate Specifications

Phase	3	Output HP	100 & 75 Hp			
Output KW	75.0 & 56.0 kW	Voltage	230/460 & 190/380 V			
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15			
Frame	405TV	Enclosure	Totally Enclosed Air Over			
Thermal Protection	No Protection	Efficiency	95.4 & 94.6 %			
Ambient Temperature	40 °C	Frequency	60 & 50 Hz			
Current	226/113 & 206/103 A	Power Factor	87			
Duty	Continuous	Insulation Class	н			
Design Code	В	KVA Code	G			
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6314			
UL	Recognized	CSA	Y			
CE	Y	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	.0555 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	Shaft Diameter	2.875 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	CONSTANT 2:1/VARIABLE 10:1
Outline Drawing	SS620962	Connection Drawing	EE7308K

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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)
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8 ADDED IEC DESIGNATIONS MU95020 7 REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998			±.02		CONNECTION DIA DELTA CON, - 30 -		REF	
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		
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCAL		DIST					A E	E7308	K E

75 dBA 84 dBA 35.0 LB-FT ² 575 LB-FT ² 25 SEC. 2 1575 LB. *** SUPPLEMENTAL INFORMATION *** DE BRACKET TYPE ODE BRACKET TYPE MOUNT NONE NONE NONE NONE NONE MOUNT MOUNT MATERIAL FRAME MATERIAL <th></th> <th></th> <th></th> <th></th> <th>ma</th> <th>ГЗ</th> <th>athon® Motors</th> <th></th> <th>DAT</th> <th>P.O. BOX WAUSAU, PH. 715-6 A VOLTS:</th> <th>WI 54401-8003</th> <th></th> <th></th>					ma	ГЗ	athon® Motors		DAT	P.O. BOX WAUSAU, PH. 715-6 A VOLTS:	WI 54401-8003			
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FL. PF 870 34 LD PF 850 112 LD PF 77.5 95.0 SQ CAGE NV RATED FL. TORQUE IR. AMPS @ 460 V L.R. TORQUE B.D. TORQUE FL. RISE (° C) 294 LB-FT 210% 854 LB-FT 20% 0 SOUND PRESSURE @ 3 FT. SOUND POWER ROTOR WK' MAX. LOAD WK' SAFE STALL TME STARTSHOUR APROX. MOTOR WG 75 0 35.0 LB-FT2 57 LB-FT2 26 SEC. 2 1575 LB. SUPPLEMENTAL INFORMATION ** ** SUPPLEMENTAL INFORMATION ** BE BRACKET TYPE OOE BRACKET TYPE MOTOR ORENTATION SEVERE DUTY NONE NONE NONE BLUE - RAL 5003 (EPOXY) STANDARD STANDARD RIGID RIGID RIGID RIGID RIGID RIGID SPECIAL DE SPECIAL DE SHAFT MATERIAL FRAME MATERIAL BALL BALL BALL BALL POLYREX EM T NONE NONE						L								
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