PRODUCT INFORMATION PACKET

Model No: 254TTDCA6082 Catalog No: GT0417 Globetrotter® Close-Coupled Pump Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM, 254JMV Frame, DP



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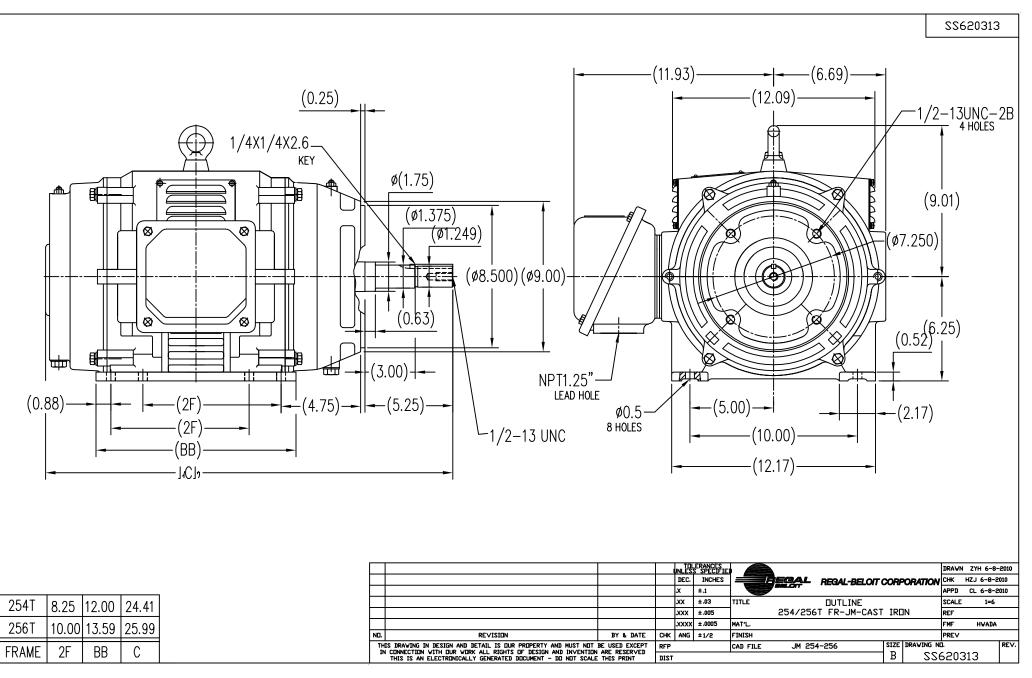
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1182 & 985 rpm	Service Factor	1.15 & 1.0
Frame	254JMV	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	90.2 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	21/10.5 & 18/9 A	Power Factor	73.5
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	Recognized	CSA	Υ
CE	Υ	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	1.62 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Overall Length	24.41 in
Shaft Diameter	1.250 in	Shaft Extension	5.25 in
Assembly/Box Mounting	F1/F2 CAPABLE	Inverter Load	VARIABLE 10:1
Outline Drawing	SS620313-254T	Connection Drawing	EE7308K

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LOW VOLTAGE								EE	7308K
T1(U1) T6(W2) T7(U3)									
T2(V1) T4(U2) T8(V3)									
T3(W1) T5(V2) T9(W3)				_		T9 T4 T7			-T6(W2) -T9(W3) -T1(U1) -T4(U2)
HIGH VOLTAGE T1(U1) — L1				/	C C	Jon			-T7(U3) -T2(V1) -T5(V2)
T4(U2) T7(U3)							2		-T8(∨3) -T3(W1)
T2(V1)La		/			~				
T5(V2) T8(V3)	/								
T3(W1)L3				/IEW	/ 🗆 F	TERMINAL	END	·	
T6(W2)									
		l	TOLI UNLESS	ERANCES SPECIFIEI				DRAWN	PGK 06-04-1997
E CORRECTED IEC MARKINGS ECO-0111208	WGJ 01-23-2017	EMH		INCHES	R	EGAL REGAL - BELC	DIT CORPORATION	СНК	ML 06-05-1997
D RE-DRAWN WITH REGAL LOGO ECO-0110493 8 ADDED IEC DESIGNATIONS MU95020	WGJ 09-30-2016	EMH MJS		±.1 ±.02	TITLE			APPD SCALE	GK 06-15-1997
8 ADDED IEC DESIGNATIONS MU95020 7 REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		l	±.02		CONNECTION DIAC Delta Con 30 -		REF	
6 REDRAWN ON CADD	PGK 06-05-1997			±.0005	MAT'L.			FMF	
ND. REVISION	BY & DATE	СНК		±7'30″	FINISH			PREV	
THIS DRAVING IN DESIGN AND DETAIL IS DUR PROPERTY AND MUST NOT		RFP	· · · · ·		CAD FILE	EE7308K	SIZE DRAWING I		
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CERTIFICATION DATA SHEET

Model#:	254TTDCA6082 AA	WINDING#:	CHT25460002 NONE 1
CONN. DIAGRAM:	EE7308K	ASSEMBLY:	F1/F2 CAPABLE
OUTLINE:	SS620313		

TYPICAL MOTOR PERFORMANCE DATA

		KVA CODE	ENCLOSURE	FRAME	F.L. RPM	SYNC. RPM	KW	HP
7 1/2&5 5.6&3.7 1200 1182&985 254JMV DP G	В	G	DP	254JMV	1182&985	1200	5.6&3.7	7 1/2&5

РН	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	230/460#190/	21/10.5&18/9	LINE OR	CONTINUOU	F7	1.15/1.0	40	3300
		380		INVERTER	S				

FULL LOAD EFF: 90.2&88.5	3/4 LOAD EFF: 89.5	1/2 LOAD EFF: 87.5	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 73.5&69.5	3/4 LOAD PF: 66.5	1/2 LOAD PF: 53.5	89.5	SQ CAGE INV RATED	12.4 / 6.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
33.4 LB-FT	108 / 54	51 LB-FT 150	86 LB-FT 257	40

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
62 dBA	72 dBA	2.2 LB-FT^2	150 LB-FT^2	15 SEC.	2	225 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 OR SHAFT	FALSE	NONE	FALSE	NONE	BLUE (ENAMEL)
			DOWN					

BEAF	RINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	FRAME
DE	OPE					MATERIAL	MATERIAL
BALL	BALL	POLYREX EM	JM	NONE	NONE	1045 HOT	CAST IRON
6309	6208]				ROLLED (C-204)	

	THERMO-PROTECTORS		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: VARIABLE 10:1 INV. HP SPEED RANGE: NONE				
NONE	ER: NONE NONE NONE PPR			
BRAKE: NONE NONE - FT-LB	P/N N NONE		NONE Hz	

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