

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 324TSTFC6002

Catalog No: E971A

General Purpose Motor, 40 & 30 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
324TS Frame, TEFC

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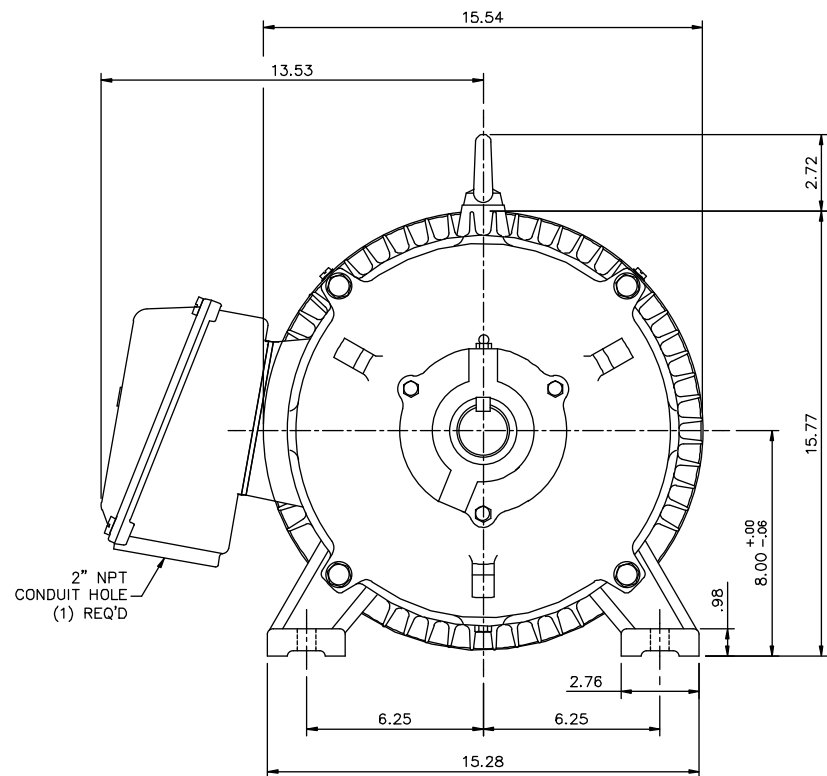
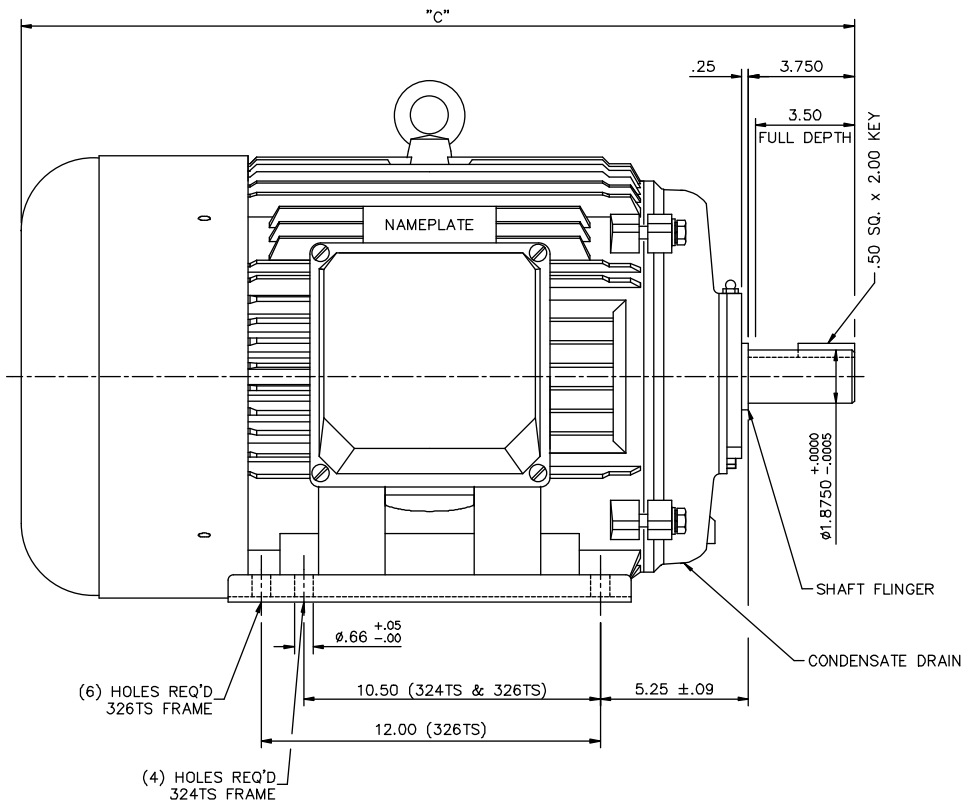
Nameplate Specifications

Phase	3	Output HP	40 & 30 Hp
Output KW	30.0 & 22.4 kW	Voltage	230/460 & 190/380 V
Speed	3555 & 2960 rpm	Service Factor	1.15 & 1.15
Frame	324TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	90/45 & 81/40.5 A	Power Factor	88.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Rigid Base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Cast Iron	Shaft Type	TS
Overall Length	29.53 in	Shaft Diameter	1.875 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	16954260ME-324TS	Connection Drawing	4172.03

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FRAME DESIGN	"C"
324TS	28.03
326TS	29.53

		TOLERANCES UNLESS SPECIFIED			DRAWN	JJK 03/29/99	
		DEC.	INCHES		CHK		
		.X	±.1	TITLE OUTLINE - 320TS FRAME TEFC - RIGID MAT'L. CAST IRON FINISH	APPD	PG 03/31/99	
		.XX	±.03		SCALE	1=4	
		.XXX	±.005		REF	169504	
		.XXXX	±.0005		FMF		
01	ADDED HOLES FOR 326TS BASE	JJK	07/15/99		PREV		
NO.	REVISION	BY & DATE	CHK	ANG			
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