PRODUCT INFORMATION PACKET

Model No: 160MTFC6536 Catalog No: R334A Globetrotter® IEC Cast Iron Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1800 & 1500 RPM, 160M Frame, TEFC



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marathon®

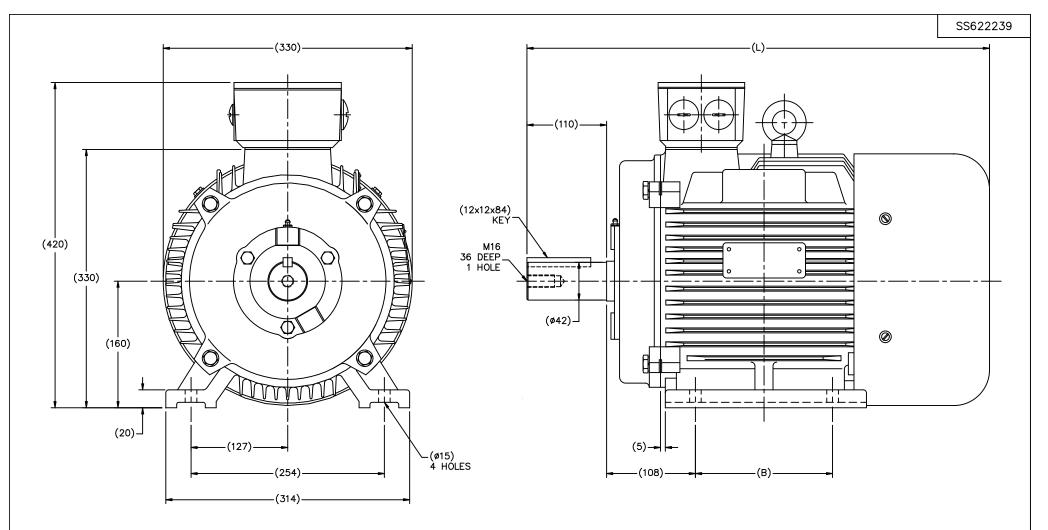
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp		
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 200/400 V		
Speed	1775 & 1482 rpm	Service Factor	1.15 & 1.15		
Frame	160M	Enclosure	Totally Enclosed Fan Cooled		
Thermal Protection	No Protection	Efficiency	92.4 & 91.7 %		
Ambient Temperature	40 °C	Frequency	60 & 50 Hz		
Current	37/18.5 & 31/15.5 A	Power Factor	82.5		
Duty	Continuous	Insulation Class	F		
Design Code	В	KVA Code	Н		
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209		
UL	No	CSA	Y		
CE	Y	IP Code	55		
Number of Speeds	1				

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.129 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	23.62 in
Shaft Diameter	1.666 in	Shaft Extension	4.33 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 10:1
Connection Drawing	004172.01ME	Outline Drawing	B-SS622239

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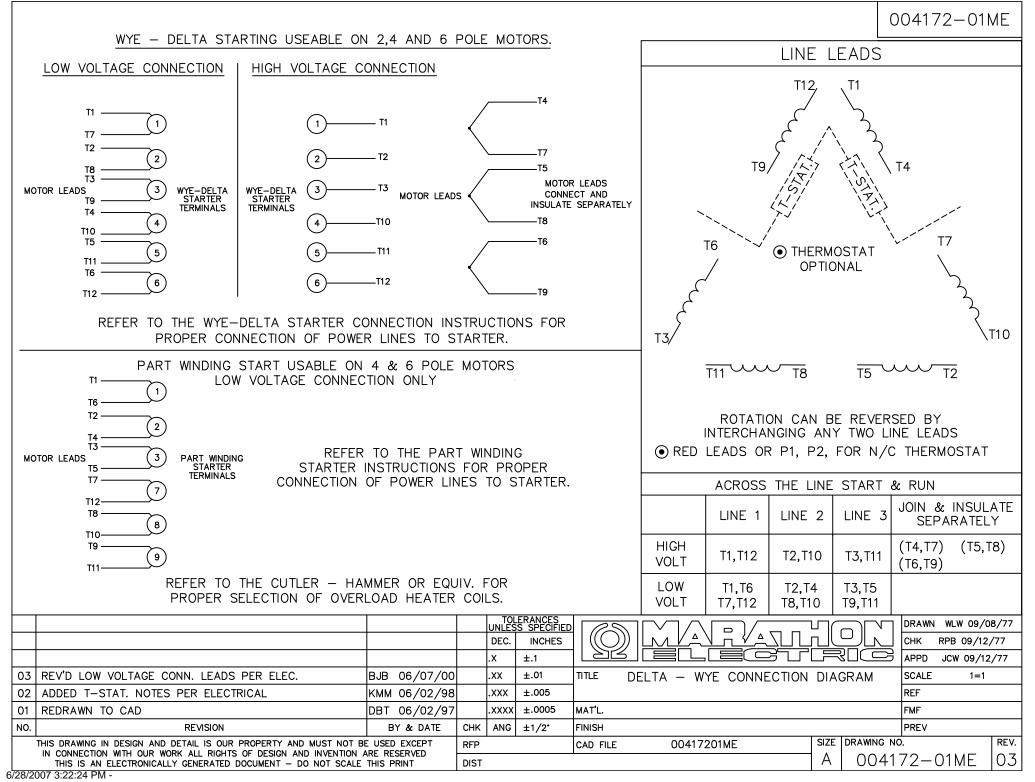


(MAY NOT BE DRAWN TO SCALE)

(DIMENSIONS ARE IN MILLIMETERS)

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				TOL	ERANCES S SPECIFIED			DRAWN	MSG 11-1	7-2010
				DEC.	METRIC	REGAL REGAL-BELOIT CORP	ORATION	СНК	MJS 11-1	8-2010
				.x.	±2.5				SB 11-1	8-2010
				.xx	±.76	TILE OUTLINE - IEC PREMIUM		SCALE	5=1	6
				.xxx	±.127	DF160-R (II)		ref		
				.xxxx	±.0127	MAT'L.		FMF	HEB	El
NO	. REVISION	BY & DATE	СНК	ANG	±7'30"	FINISH		PREV		
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED			RFP	11-	-18-2010	CAD FILE SSOZZZOS	DRAWING NO			REV.
			DIST			B	B SSE		622239	

DF160M1-2R	193315.60	600	210
DF160M2-2R	193318.60	600	210
DF160M-4R	193316.60	600	210
DF160L-2R	193321.60	645	254
DF160L-4R	193319.60	645	254
DF160M-6R	193314.60	600	210
FRAME	PART #	L	В



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									P.O. BOX				
				(•) r	паг	ratho			PH. 715-6	WI 54401-8003			
				2		elect	PIC		FII. 713-0	75-5511			
										DATA VOLTS:	460		
	CERTIFICATION DATA SHEET												
	-												
CUSTOM				-				MER P.O. #:				_	
ORDER #		004470 04NE		-		F	EFERENC	E MODEL #:				-	
CONN. DI. OUTLINE:		004172.01ME B-SS622239					CUSTON	CAT #: IER PART #:	F	R334A			
WINDING		T12904005	NONE	3				MOUNTING:	F3			-	
SPEED:				•									
			ТҮ	PICAL	MOTOR	PERFOR	MANCE	DATA					
	1011			-	_		-	001105	TVDE	1014 00		DEGION	
HP	KW	SYNC RPM	FL R	PM	F	RAME	ENCL	OSURE	TYPE	KVA CODE		DESIGN	
15	11.2	1800	170	65		160M	Т	EFC	TFC	н		А	
РН	HZ	VOLTS	AM	PS	STA	RT TYPE	п	UTY	INSL	S.F.	AMB	ELEV.	
3	60/50	230/460#200/400	36/18&3	-		DRUN OR INV			F	1.15	40	3300	
									•				
	F.L. EFF	92.4	3/4 LD EFF	92.4		1/2 LD EFF	91.7	GTD EFF		ELECT. T			
	F.L. PF	84.0	3/4 LD PF	78.0		1/2 LD PF	67.5	0.0		SQ CAGE IN\	/ RATED		
F1 T			400.14						-		(%)		
F.L. 1 44.6	ORQUE LB-FT	LR AMPS @ 140			L.R. TORQUE LB-FT 283%		B.D. TORQUE 154 LB-FT		= 345%	F.L. RISE 45	(°C)		
44.0		140		120		20378	134		34376	43			
@	3 FT.	POWER	ROTO	R WK ²	MAX.	MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		R WGT	
999	dBA	1008 dBA	2.09	LB-FT ²	2.1 LB-FT ²		15 SEC.		2		0	LB.	
				*** 0110				+++					
		ODE BRACKET	MOUNT		TOR	ITAL INFOR		RDOUS	DRIP				
DE BRAC	KET TYPE	TYPE	TYPE		TATION DUTY		LOCATION		COVER	SCREENS	PAINT		
STAN	NDARD	STANDARD	RIGID	HORIZ	ONTAL	UM SEVERE	NONE		NO	NONE	BLUE (ENAMEL)		
			1						1				
DE BEA	RINGS ODE	GREASE	SHAFT	TYPE	SPE	CIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAME N	IATERIAL	
BALL	BALL												
6309	6209	POLYREX EM	STANDA	RD IEC	1	NONE	NONE		1045 HOT ROLLED (C-204		CAST IRON		
											SPACE		
L	IOSTATS ONE	PROTECTORS	WDG RTD's		BRG RTD's		THERMISTORS NONE		FALSE		HEATERS NA		
IN	JNE	NOT	NOT NONE		NONE		NONE		FALSE		INA		
R1 (ol	nms/ph)	R2 (ohms/ph)	X1 (ohms/ph)		X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT		
	0	0	0	0		0		0		0.080		ODE	
* N									TODOUL	CONSTANT 10	.4		
0								1.5 X BASE SPI					
Т							- 11-1102.						
E					ENCODER: NONE								
S						NONE							
*					NONE NONE PPR					PPR			
					BRAKE: NONE								
PREF	PREPARED BY: EARL BABBITTS					NONE NONE							
	DATE: 5/5/2017					FT-LB: NA VOLTAGE: NONE HZ:							
FORM: 35	ORM: 3531 REV 4 2/27/06					UL: NONE							

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