PRODUCT INFORMATION PACKET



Model No: 160MTFC4586 Catalog No: R332

Cast Iron Motor, 10 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1200 & 1000 RPM, 160M Frame,

TEFC





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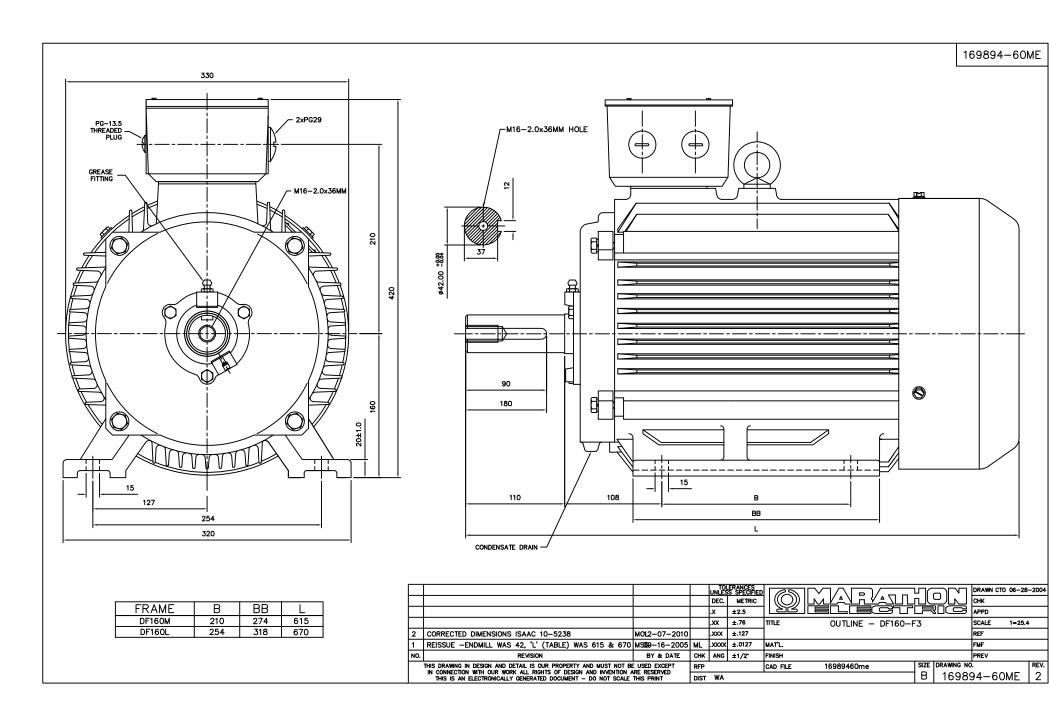
Nameplate Specifications

Phase	3	Output HP	10 & 10 Hp
Output KW	7.5 & 7.5 kW	Voltage	230/460 & 200/400 V
Speed	1180 & 975 rpm	Service Factor	1.15 & 1.15
Frame	160M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	90.2 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	29/14.5 & 34/17 A	Power Factor	70.5
Duty	Continuous	Insulation Class	F
Design Code	N (IEC)	KVA Code	К
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6308
UL	Recognized	CSA	Υ
CE	Υ	IP Code	55
Number of Speeds	1		

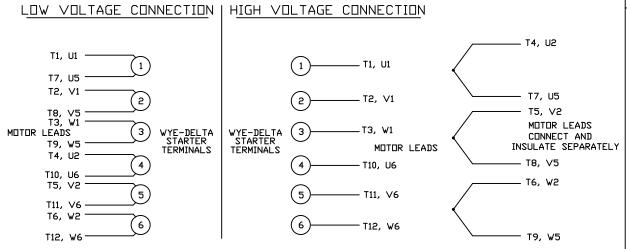
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.766 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	24.21 in
Shaft Diameter	1.666 in	Shaft Extension	4.33 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 2:1
Connection Drawing	004172.03ME	Outline Drawing	16989460ME

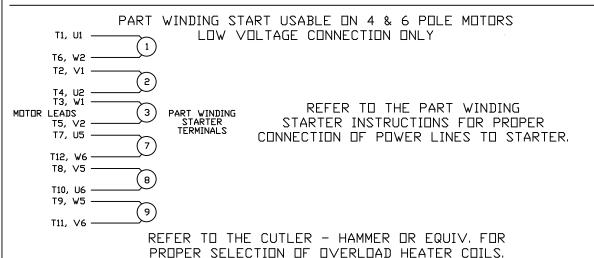
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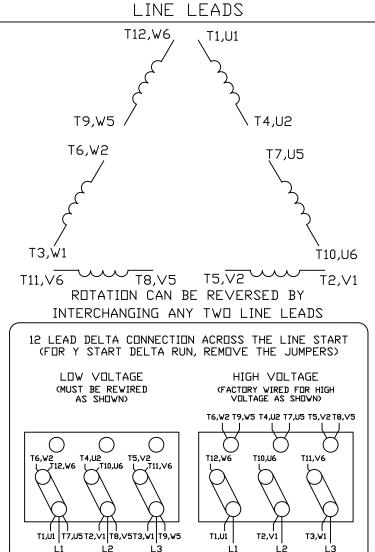


WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.



REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.





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				DEC.	INCHES					СНК		
				.x	± .1			APPD				
				.xx	± .01	TITLE DEL	DELTA - WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS				1=1	
				.xxx	±.005							
				.xxxx	±.0005	MAT'L.	F					
ND.	REVISI□N	BY & DATE	СНК	ANG	±1/2°	FINISH						
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT				RFP CAD		CAD FILE	00417203ME	SIZE	DRAWING N	<u> </u>	R	EV.
				DIST					0041	72-03ME	Ξ	



P.O. BOX 8003 WAUSAU, WI 54401-8003 PH. 715-675-3311

										DATA WOLTO	400	
										DATA VOLTS:	460	
				CER	TIFICAT	TON DATA	A SHEE	Γ				
сиѕтом	ER:						CUSTO	MER P.O. #:				
ORDER #:						F		E MODEL #:		586		-
CONN. DIAGRAM: 004172.03ME								CAT #:		R332A		<u>-</u>
OUTLINE		16989460ME						IER PART #:				4
WINDING SPEED:	:	T129060	15 NONE	3				MOUNTING:	F3			
SPEED:			TY	PICAL	MOTOR	PERFOR	MANCE	DATA				
НР	KW	SYNC RPM	FL R	RPM FRAME			ENCLOSURE		TYPE	KVA CC	DDE	DESIGN
10	7.5	1200	118	35	1	60M	TEFC		TFC	G		N
	10 7.5 1200 11			00 100W			1210					
PH	HZ	VOLTS	AMI	PS	STA	RT TYPE	DUTY		INSL	S.F.	AMB	ELEV.
3	60/50	230/460#200/400	29/14.5&	33/16.5	PWS & YI	DRUN OR INV	CONT		F	1.15	40	3300
	F.L. EFF	91.7	3/4 LD EFF	91.7		1/2 LD EFF	91.0	GTD EFF		ELECT. 1	ГҮРЕ	
	F.L. PF	71.4	3/4 LD PF	65.7		1/2 LD PF	54.7	91.0			SE INV RATED	
					•		•		•			
	ORQUE	LR AMPS (-		L.R. TORQUE		B.D. TORQUE			F.L. RISE	(°C)	
44.3	LB-FT	80.2		83.2	LB-FT	188%	105	LB-FT	237%	38		<u> </u>
@ 3 FT.		POWER	ROTOF	R WK ²	MAX. L	MAX. LOAD WK ²		SAFE STALL TIME		STARTS/HOUR		R WGT
999	dBA	1008 dBA	3.6	LB-FT ²	3.6 LB-FT 2		15 SEC .		2		0	LB.
			,	*** CIIE	DI EMEN	ITAL INFOR	MATION	***				
		ODE BRACKET	MOUNT		TOR	SEVERE	HAZARDOUS DRIP					
	KET TYPE	TYPE	TYPE		ITATION	DUTY	LOCATION		COVER			INT
STAI	NDARD	STANDARD	RIGID	HORI	ZONTAL	UM SEVERE	N	ONE	NO	NONE	VEI	RIFY
BEA	RINGS	005405	OUAFT	TVDE	ope	0141 DE	0050		OUAFT	MATERIAL		
DE	ODE	GREASE	SHAFT	TYPE	SPECIAL DE		SPECIAL ODE		SHAFT	MATERIAL	FRAME	MATERIAL
BALL	BALL	VERIFY	STANDA	RD IEC	NONE		NONE		VERIFY		CAST IRON	
6309	6308											
											_	ACE
	MOSTATS	PROTECTORS	WDG F		BRG RTD's		THERMISTORS		CONTROL		HEATERS	
N	ONE	NOT	ION	NE	NONE		NONE		FALSE		NA	
R1 (ohms/ph)		R2 (ohms/ph)	X1 (ohr	ns/ph)	X2 (ohms/ph)		Xm (ohms/ph)		VIBRATION (in/sec)		FL	OAT
0		0	0		0 0		(0.080 ODI		DE		
*							ı					
N								INVERTER	TOROUE	CONSTANT 2:	1	
ő							l II			1.5 X BASE SP		
Т												
E							ENCODER: NONE					
S							NONE NONE PPR					DDD
	*							NONE BRAKE:	NONE		NONE	PPK
PRE	PREPARED BY: EARL BABBITTS							NO		NON	E	
	DATE: 5/5/2017						FT-LB: NA					
							VOLTAGE: NONE HZ:					
FORM: 3	531 REV_4	2/27/06	UL: V-INS, CONST UL REC									

