PRODUCT INFORMATION PACKET



Model No: 160LTFC6588 Catalog No: R335A

Globetrotter® IEC Cast Iron Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V,

1200 & 1000 RPM, 160L Frame, TEFC



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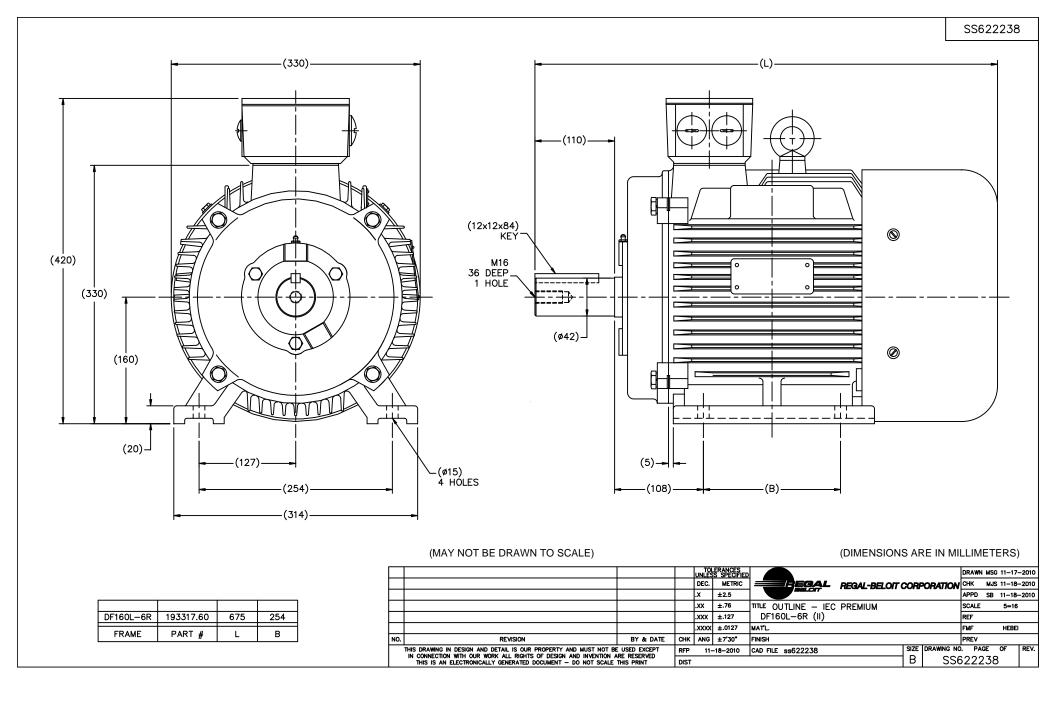
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 200/400 V
Speed	1180 & 988 rpm	Service Factor	1.15 & 1.15
Frame	160L	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	91.7 & 91.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	40/20 & 32/16 A	Power Factor	77
Duty	Continuous	Insulation Class	F
Design Code	В	KVA Code	F
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	No	CSA	Υ
CE	Υ	IP Code	55
Number of Speeds	1		

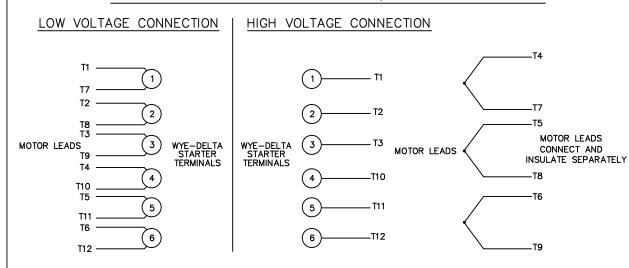
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	0 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	26.57 in
Shaft Diameter	1.666 in	Shaft Extension	4.33 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 2:1
Connection Drawing	004172.01	Outline Drawing	SS622238

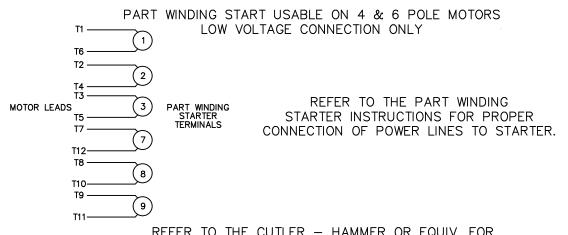
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WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.



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



110 011	J 111L 001L		I I/ \IVIIVILLI		14. 1 011
PROPER	SELECTION	OF	OVERLOAD	HEATER	COILS.
					TOLERANG

				UNLES	ERANCES S SPECIFIED				ELECTRIC	MO.	TORS	DRAWN	WLW 09/0	8/77
				DEC.	INCHES		112	[[•]	GEARM			снк	RPB 09/12	/77
				.x	±.1				AND [DRIVE	ES	APPD	JCW 09/12	2/77
03	REV'D LOW VOLTAGE CONN. LEADS PER ELEC.	BJB 06/07/00		.xx	±.01	TITLE	DELTA -	WYE	CONNECTION	DIA	GRAM	SCALE	1=1	
02	ADDED T-STAT. NOTES PER ELECTRICAL	KMM 06/02/98		.xxx	±.005							REF		
01	REDRAWN TO CAD	DBT 06/02/97		.xxxx	±.0005	MAT'L.						FMF		
NO.	REVISION	BY & DATE	снк	ANG	±1/2°	FINISH						PREV		
	THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT B		RFP			CAD FILE	00	0417201		SIZE	DRAWING NO			REV.
IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT — DO NOT SCALE THIS PRINT						•				Α	004	172-	-01	03

ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

• RED LEADS OR P1, P2, FOR N/C THERMOSTAT

ACROSS THE LINE START & RUN									
LINE 1 LINE 2 LINE 3 JOIN & INSULAT SEPARATELY									
HIGH VOLT	T1,T12	T2,T10	T3,T11	(T4,T7) (T5,T8) (T6,T9)					
LOW VOLT	T1,T6 T7,T12	T2,T4 T8,T10	T3,T5 T9,T11						



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

						elect	110					
										DATA VOLTS:	460	i
CERTIFICATION DATA SHEET												
CUSTOM	ED.						CHETO	MEDDA #.				
ORDER #		F	CUSTOMER P.O. #: REFERENCE MODEL #: 160LTFC6588									
CONN. D	CONN. DIAGRAM: 004172.01							CAT#:		R335A		-
OUTLINE: SS622238							CUSTO	MER PART#:				
WINDING	:	T12906020	NONE	3				MOUNTING:	F3			=
SPEED:		_	TY	PICAL	MOTOR	PERFOR	MANCE	DATA				
НР	KW	SYNC RPM	FLR	РМ	FF	RAME	ENCLOSURE TYPE		KVA CC	DE	DESIGN	
15	11.2	1200	118	0		160L	т	EFC	TFC	G		N
- 10	1	1-01										
PH	HZ	VOLTS	AME	98	STAF	RT TYPE	Г	UTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#200/400	40/20&			DRUN OR INV		ONT	F	1.15	40	3300
	F.L. EFF		3/4 LD EFF	92.4		1/2 LD EFF	91.7	GTD EFF		ELECT. T		
	F.L. PF	77.0	3/4 LD PF	74.5		1/2 LD PF	66.0	90.2		SQ CAGE IN	/ RATED	
			100.11								(0.0)	
	ORQUE	LR AMPS @	460 V		L.R. TORQ			B.D. TORQU		F.L. RISE	(°C)	
66.8	LB-FT	98.0		107	LB-FT	160%	164	LB-FT	246%	45		L
@	@ 3 FT. POWER ROTOR WK ²				MAX. L	OAD WK ²	SAFE STALL TIME ST			ARTS/HOUR MOT		R WGT
55	dBA	64 dBA	0.00	LB-FT ²	0	LB-FT ²	0	SEC.		0	332 LB.	
			`		· 				·			
		ODE BRACKET	MOUNT		PPLEMEN TOR	TAL INFOR		*** ARDOUS	I DRIP			
DE BRA	CKET TYPE	TYPE	TYPE		ITATION	DUTY		CATION	COVER	SCREENS	PA	INT
STA	NDARD	STANDARD	RIGID		ZONTAL	UM SEVERE		IONE	NO	NONE	BLUE (ENAMEL)	
		T	1		1				1			
	RINGS	GREASE	SHAFT	TYPE	SPE	CIAL DE	SPEC	IAL ODE	SHAFT	MATERIAL	FRAME N	MATERIAL
DE BALL	ODE BALL							+		 		
6309	6209	POLYREX EM	STANDA	ARD IEC NONE			NONE		1045 HOT ROLLED (C-204		CAST IRON	
		I.	l		1				1			
											_	ACE
	MOSTATS	PROTECTORS		RTD's BRG RTD's			THERMISTORS		CONTROL		HEATERS	
N	ONE	NOT	NON	1E	NONE		NONE		FALSE		NA	
R1 (o	hms/ph)	R2 (ohms/ph)	X1 (ohn	nms/ph) X2 (ohms/ph)			Xm (ohms/ph)		VIBRATION (in/sec)		FLOAT	
,-	0	0	0	, , , , , , , , , , , , , , , , , , ,	,-	0		0		0.080	0	DE
*												
N										CONSTANT 2:1		
0 T							1	NV. HP SPEE	D RANGE:	1.5 X BASE SP	EED	
ΙĖ								ENCODER:	NONE			
s							NONE	NONE				
								NONE			NONE	PPR
								BRAKE:	NONE			
PRE		EARL BABBITTS						NO		NONE	≣	
	DATE:	5/5/2017					FT-LB: NA					
EOD:4 -	E04 DEV. :	0/07/00						VOLTAGE:	1	IONE		HZ:
FORM: 3	ORM: 3531 REV_4 2/27/06						UL: NONE					

