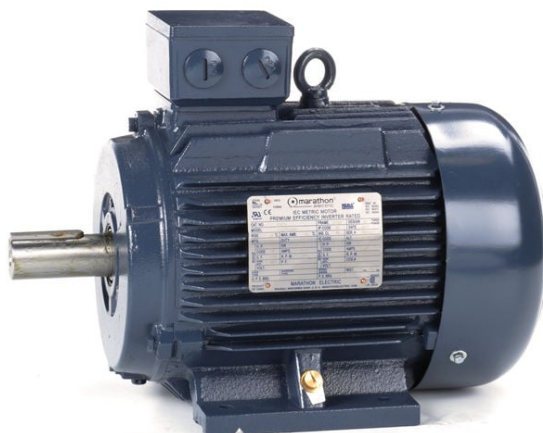


PRODUCT INFORMATION PACKET

Model No: 132STFC6501

Catalog No: R327A

Globetrotter® IEC Cast Iron Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V,
3600 & 3000 RPM, 132S Frame, TEFC



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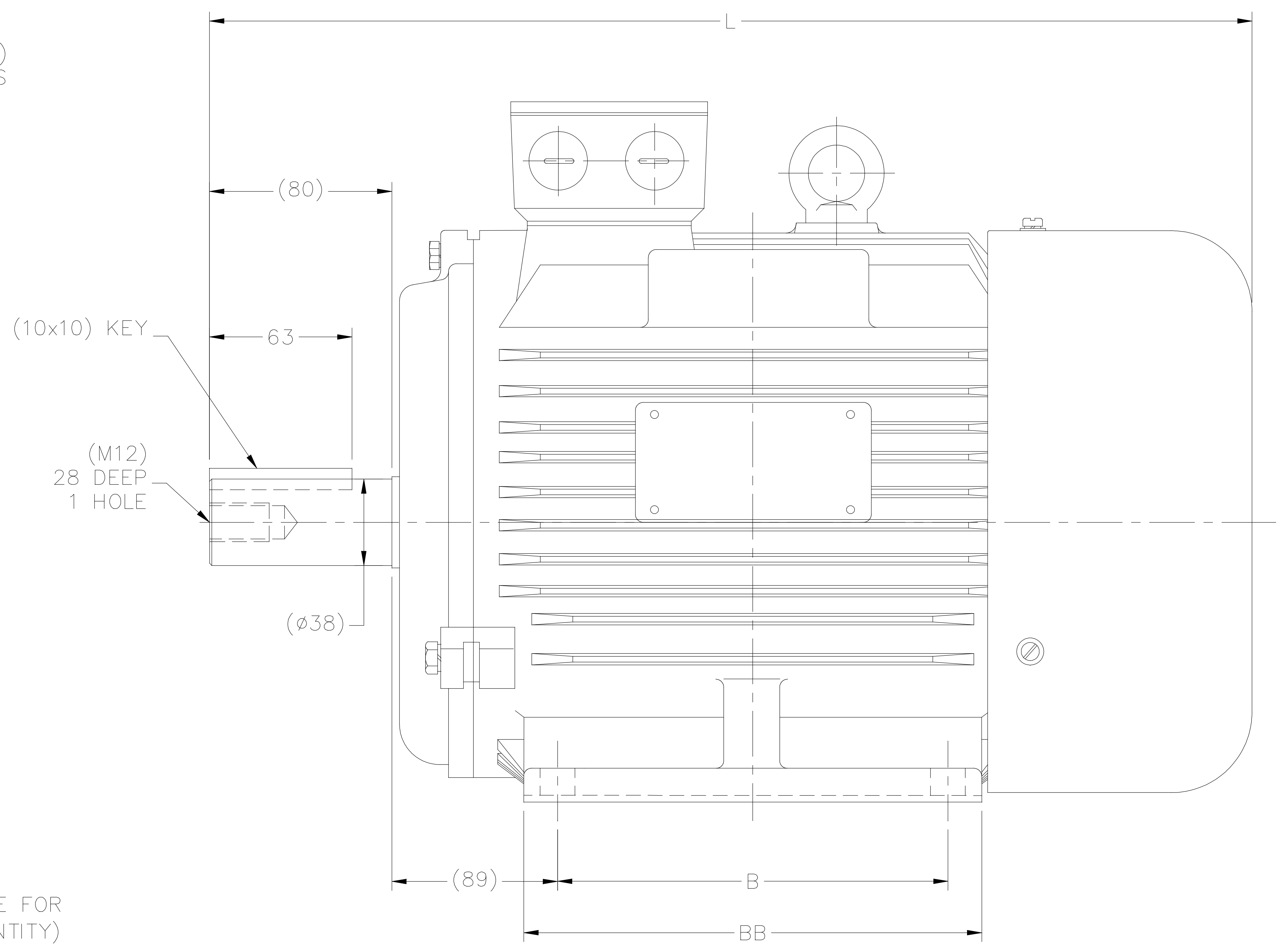
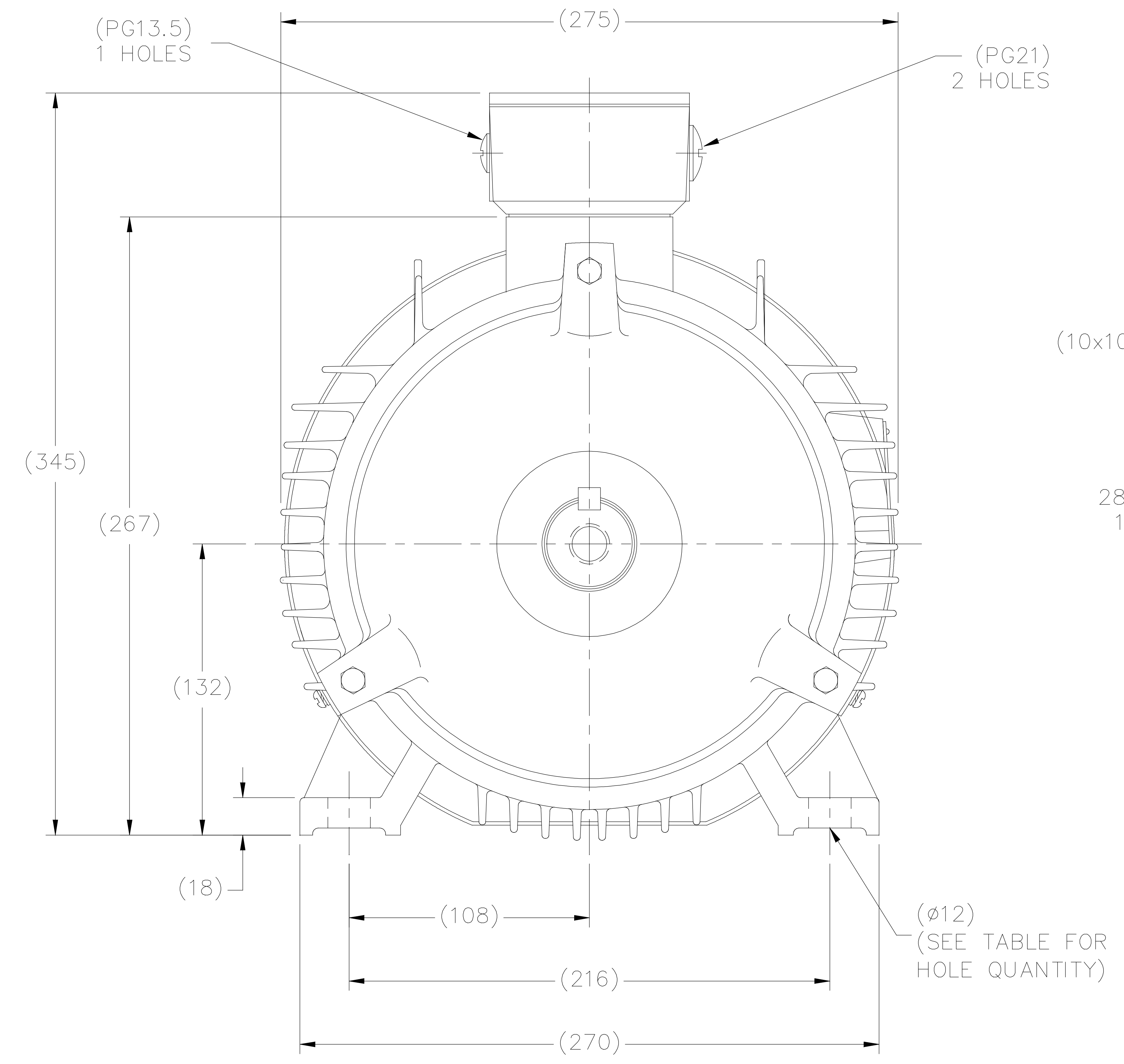
Nameplate Specifications

Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 200/400 V
Speed	3540 & 2960 rpm	Service Factor	1.15 & 1.15
Frame	132S	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	18/9 & 14.4/7.2 A	Power Factor	87
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
Drive End Bearing Size	6208	Opp Drive End Bearing Size	6207
UL	No	CSA	N
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	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	18.26 in
Shaft Diameter	1.500 in	Shaft Extension	3.14 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 20:1
Connection Drawing	004172.03	Outline Drawing	SS622237

SS622237



(DRAWING NOT TO SCALE)

(DIMENSIONS ARE IN MILLIMETERS)

DF132S	4	461	140	186
DF132M	4	499	178	224
FRAME	# HOLES	L	B	BB

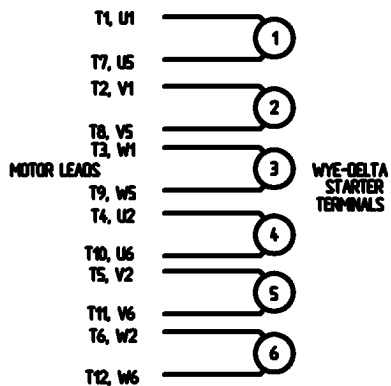
		TOLERANCES UNLESS SPECIFIED		DRAWN MSG 11-16-2010	
		DEC.	METRIC	CHK MJS 11-18-2010	
4	TABLE AND DIMENSIONS UPDATED	NK	07-05-18	NK	.X ±2.5
3	(4) FOOT HOLES WERE (6) ECO-0130304	WGJ	10-2-17	EMH	.XX ±.76
2	REV CAT# FROM BLOCK-FOR CAT# SEE SS622237-CAT	MOL	11-29-12	.XXX	±.127
1	REV PG13.5 HOLES WERE 2 QTY	MOL	09-24-12	.XXXX	±.0127
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"
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	11-18-2010
				DIST	
				CAD FILE	SS622237
				SIZE	DRAWING NO. PAGE OF REV.
				B	SS622237 H



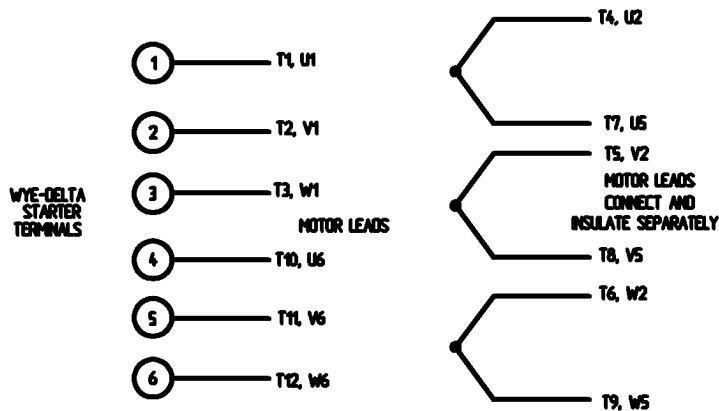
TITLE OUTLINE - IEC PREMIUM DF132-R FRAME

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

LOW VOLTAGE CONNECTION

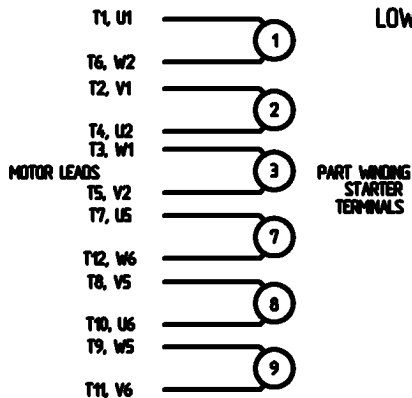


HIGH VOLTAGE CONNECTION



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

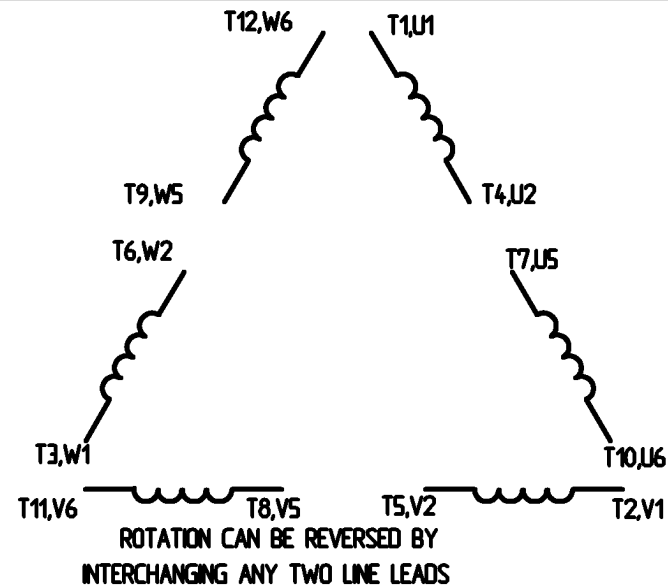
**PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY**



REFER TO THE PART WINDING STARTER INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

REFER TO THE CUTLER - HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.

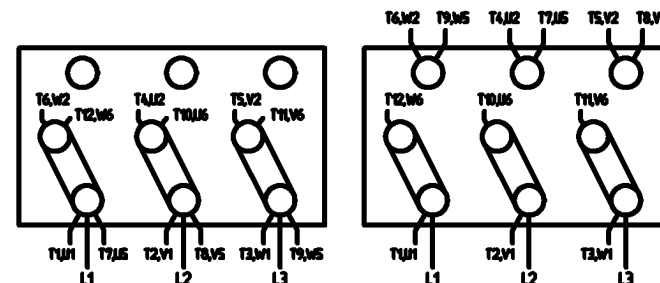
LINE LEADS



**12 LEAD DELTA CONNECTION ACROSS THE LINE START
(FOR Y START DELTA RUN, REMOVE THE JUMPERS)**

LOW VOLTAGE
MUST BE REWIRED AS SHOWN

HIGH VOLTAGE
FACTORY WIRED FOR HIGH VOLTAGE AS SHOWN



				<p>LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES</p>		<p>DRAWN C/W 08/28/02</p>	
				<p>DELTA - WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS</p>		<p>CHK</p>	
				<p>TOLERANCES UNLESS SPECIFIED</p>		<p>APPO</p>	
				<p>DEC. INCHES</p>		<p>SCALE 1:1</p>	
				<p>X ± .1</p>		<p>REF</p>	
				<p>XX ± .01</p>		<p>FINISH</p>	
				<p>XXX ± .005</p>		<p>PREV</p>	
				<p>XXXX ± .0005</p>		<p>NO. REVISION BY & DATE</p>	
				<p>ANG ± 1/2°</p>		<p>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</p>	
				<p>RFP CAD FILE 00417203</p>		<p>SIZE A DRAWING NO. 004172-03</p>	
				<p>DST</p>		<p>REV.</p>	

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/CB
-dictionary-
/Pscript_WinNT_Compat
-dictionary-



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

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER: _____ CUSTOMER P.O. #: _____
 ORDER #: _____ REFERENCE MODEL #: 132STFC6501
 CONN. DIAGRAM: 004172.03 CAT #: R327A
 OUTLINE: SS622237 CUSTOMER PART #: _____
 WINDING: T10702025 NONE 3 MOUNTING: F3
 SPEED: _____

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
7.5	5.6	3600	3540	132S	TEFC	TFC	H	N

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#200/400	18/9&14.4/7.2	LINE OR INVERTER	CONT	F	1.15	40	3300

F.L. EFF	89.5	3/4 LD EFF	89.5	1/2 LD EFF	87.5	GTD EFF	ELECT. TYPE
F.L. PF	87.0	3/4 LD PF	84.0	1/2 LD PF	76.0	86.5	SQ CAGE INV RATED

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
11.1 LB-FT	62.0	20.5 LB-FT 185%	35.2 LB-FT 317%	40

@ 3 FT.	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT
65 dBA	74 dBA	0.00 LB-FT ²	0 LB-FT ²	20 SEC.	0	155 LB.

***** SUPPLEMENTAL INFORMATION *****

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	UM SEVERE	NONE	NO	NONE	BLUE (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE BALL	ODE BALL	POLYREX EM	STANDARD IEC	NONE	NONE	1045 HOT ROLLED (C-204)	CAST IRON
6208	6206						

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0	0	0	0	0	0.080	ODE

NOTES	INVERTER TORQUE: CONSTANT 20:1 INV. HP SPEED RANGE: 1.5 X BASE SPEED					
	ENCODER: NONE					
	NONE					
	NONE					
	NONE PPR					

PREPARED BY: EARL BABBITTS	BRAKE: NONE
DATE: 13-07-17	NONE NONE
	FT-LB: NA
	VOLTAGE: NONE HZ:
FORM: 3531 REV_4 2/27/06	UL: NONE

Data Sheet

Date: 6/20/2017

132STFC6501

Customer: _____
 Attention: _____
 Submitted by: FAREEDA DUDEKULA



Submittal

Data @ 460 V

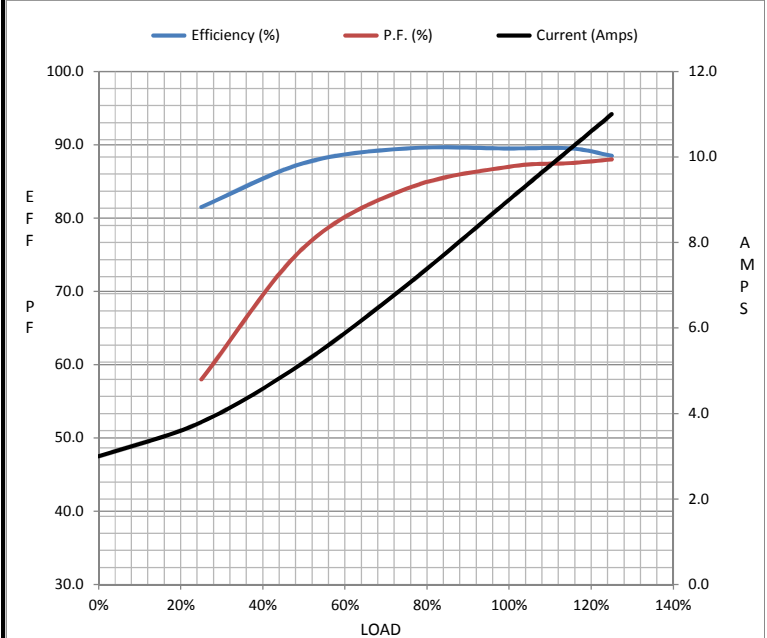
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	3.0	3.8	5.2	7.0	9.0	10.2	11.0	62.0
Torque (ft-lb)	0.00	2.80	5.5	8.3	11.1	12.8	13.9	20.5
RPM	3600	3588	3572	3558	3540	3532	3522	0
Efficiency (%)		81.5	87.5	89.5	89.5	89.5	88.5	
P.F. (%)	12.0	58.0	76.0	84.0	87.0	87.5	88.0	42.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	1800	3250	3540	3600
Current (Amps)	62.0	58.0	38.5	9.0	3.0
Torque (ft-lb)	20.5	19.0	35.2	11.1	0.00

Information Block				
HP	7.5			
Sync. RPM	3600			
Frame	132			
Enclosure	TEFC			
Construction	TFC			
Voltage	30/460#200/401V			
Frequency	60 Hz			
Design	B			
LR Code letter	H			
Service Factor	1.15			
Temp Rise @ FL	40 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk ²	0.00 Lb-Ft ²			
Ref Wdg	T10702025 NONE			
Sound Pressure @ 1M	65 dBA			
VFD Rating	CONSTANT 20:1			
Outline Dwg	SS622237			
Conn. Diag	004172.03			
Additional Specifications:				
0				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed -Torque Curve

