

# PRODUCT INFORMATION PACKET



Model No: 193310.60

Catalog No: 193310.60

LEESON® PASSPORT 7.5 HP General Purpose, 3 phase, 1800 RPM, 230/460 V, 132S Frame, TEFC



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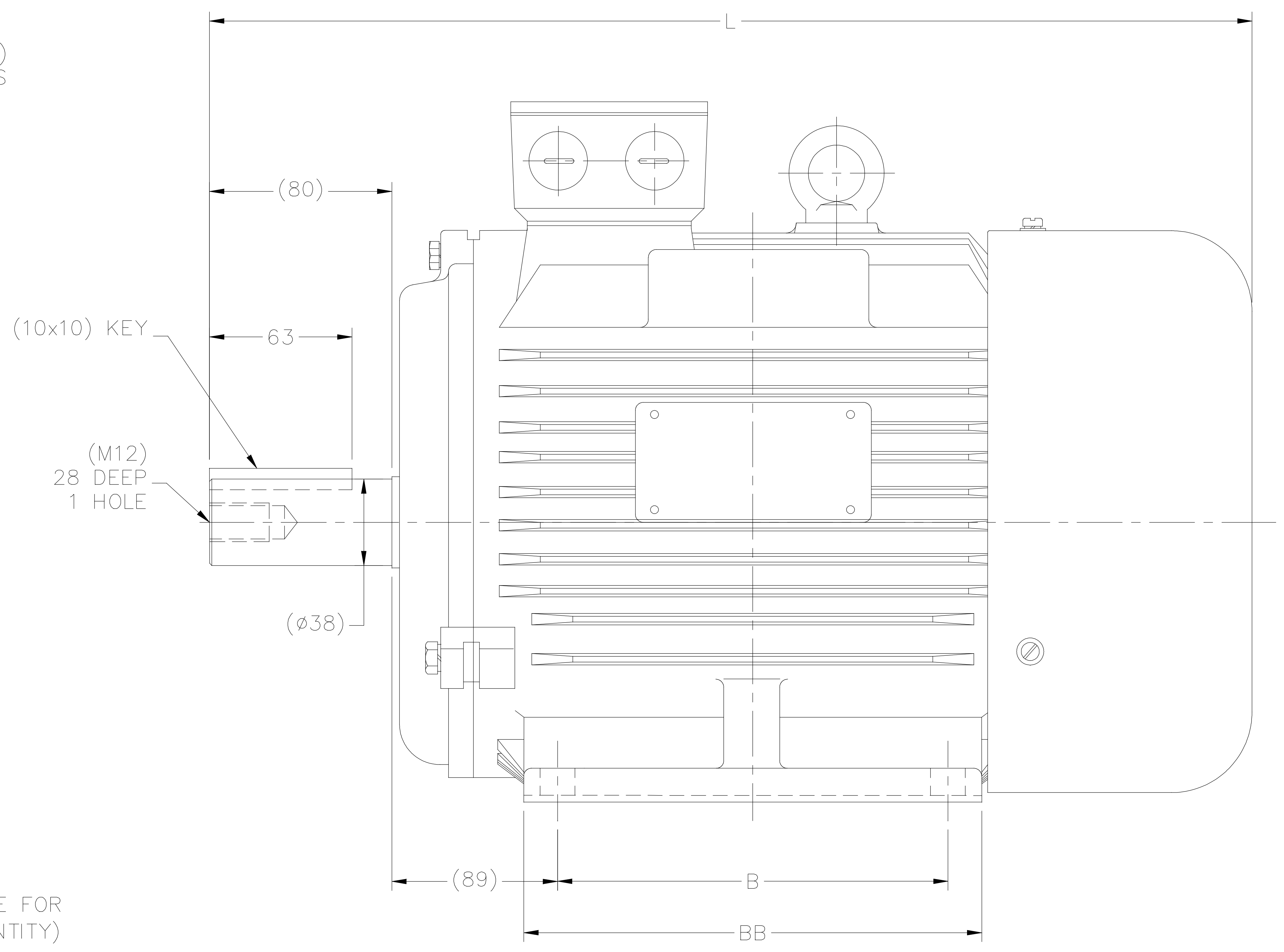
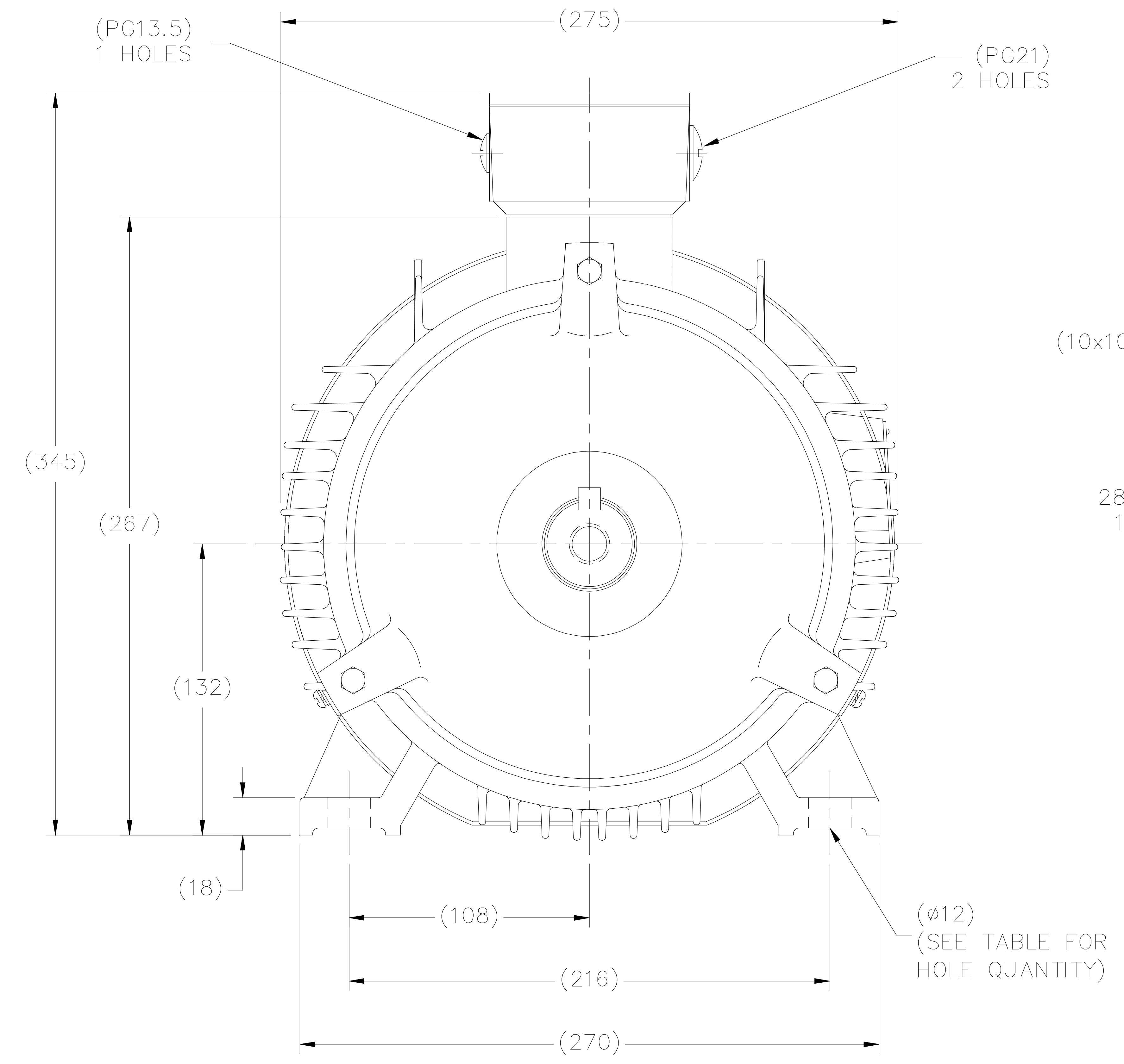
### Nameplate Specifications

Phase	<b>3</b>	Output HP	<b>7.50 &amp; 5.50 Hp</b>
Output KW	<b>5.6 &amp; 4.1 kW</b>	Voltage	<b>230/460 &amp; 200/400 V</b>
Speed	<b>1770 &amp; 1480 rpm</b>	Service Factor	<b>1.15 &amp; 1.15</b>
Frame	<b>132S</b>	Enclosure	<b>Totally Enclosed Fan Cooled</b>
Thermal Protection	<b>Thermostat</b>	Efficiency	<b>92.4 &amp; 92.4 %</b>
Ambient Temperature	<b>40 °C</b>	Frequency	<b>60 &amp; 50 Hz</b>
Current	<b>18.4/9.2 &amp; 16.8/8.4 A</b>	Power Factor	<b>82.5</b>
Duty	<b>Continuous</b>	Insulation Class	<b>F</b>
Design Code	<b>B</b>	KVA Code	<b>J</b>
Drive End Bearing Size	<b>6308</b>	Opp Drive End Bearing Size	<b>6207</b>
UL	<b>Recognized</b>	CSA	<b>Y</b>
CE	<b>Y</b>	IP Code	<b>55</b>
Number of Speeds	<b>1</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Inverter Rated</b>	Starting Method	<b>Wye Start Delta Run Or Inverter</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Resistance Main	<b>.399 Ohms</b>	Mounting	<b>Rigid Base</b>
Motor Orientation	<b>Horizontal</b>	Drive End Bearing	<b>Ball</b>
Opp Drive End Bearing	<b>Ball</b>	Frame Material	<b>Cast Iron</b>
Shaft Type	<b>IEC</b>	Overall Length	<b>18.26 in</b>
Shaft Diameter	<b>1.500 in</b>	Shaft Extension	<b>3.15 in</b>
Assembly/Box Mounting	<b>F3</b>	Inverter Load	<b>CONSTANT 10:1</b>
Outline Drawing	<b>B-SS622237</b>	Connection Drawing	<b>004172.03</b>

SS622237



(DRAWING NOT TO SCALE)

(DIMENSIONS ARE IN MILLIMETERS)

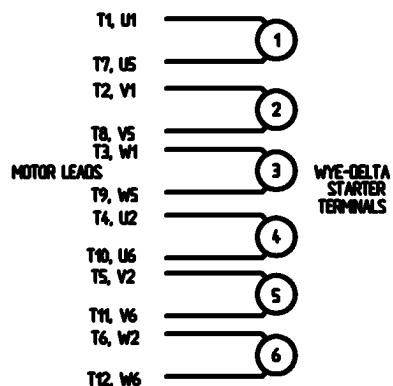
DF132S	4	461	140	186
DF132M	4	499	178	224
FRAME	# HOLES	L	B	BB

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN MSG 11-16-2010				
					DEC.	METRIC						
4	TABLE AND DIMENSIONS UPDATED	NK 07-05-18	NK	.X	±2.5			CHK MJS 11-18-2010				
3	(4) FOOT HOLES WERE (6) ECO-0130304	WGJ 10-2-17	EMH	.XX	±.76			APPD SB 11-18-2010				
2	REM CAT# FROM BLOCK-FOR CAT# SEE SS622237-CAT	MOL 11-29-12		.XXX	±.127		TITLE OUTLINE - IEC PREMIUM DF132-R FRAME	SCALE NONE				
1	REV PG13.5 HOLES WERE 2 QTY	MOL 09-24-12		.XXXX	±.0127		MAT'L.	REF				
					±7'30"			FMF HEBEI				
								PREV				
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	CAD FILE SS622237	SIZE B	DRAWING NO. SS622237	PAGE OF	REV. H



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

LOW VOLTAGE CONNECTION

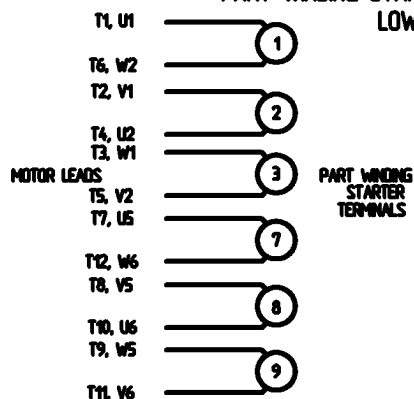


HIGH VOLTAGE CONNECTION



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

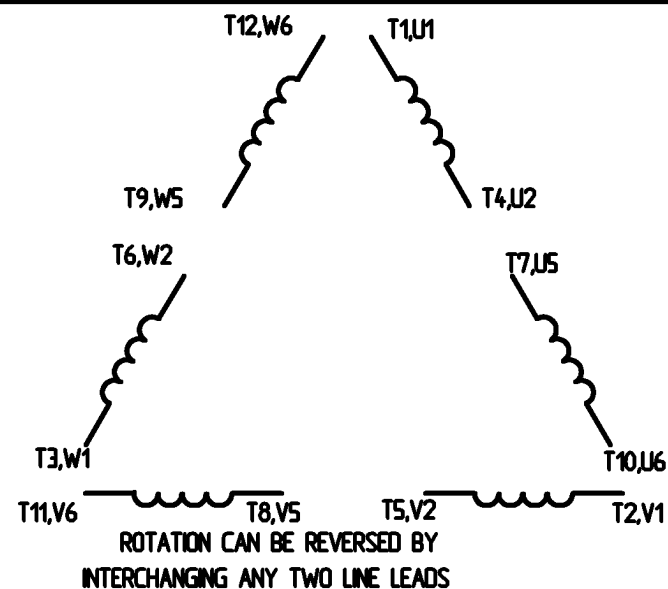
PART WINDING START USABLE ON 4 & 6 POLE MOTORS  
LOW VOLTAGE CONNECTION ONLY



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.

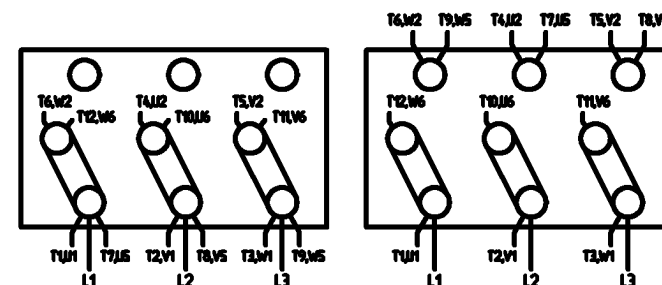
LINE LEADS



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



				TOLERANCES UNLESS SPECIFIED		<b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b>	DRAWN <b>CW 08/28/02</b> CHK APPD SCALE <b>1:1</b> REF FMF PREV
				DEC.	INCHES		TITLE <b>DELTA - WYE CONNECTION DIAGRAM IEC CAST IRON MOTORS</b>
				X	+ .1		
				XX	+ .01		
				XXX	+ .005		
				XXXX	+ .0005	MAT'L	
NO.	REVISION	BY & DATE	CHK	ANG	+ 1/2°	FINISH	PREV
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				DST			DRAWING NO. <b>004172-03</b>
							REV.

ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--

STACK:

/CB  
-dictionary-  
/Pscript\_WinNT\_Compat  
-dictionary-

Data Sheet

Date: 1/30/2018

193310.60



Data @ 460 V

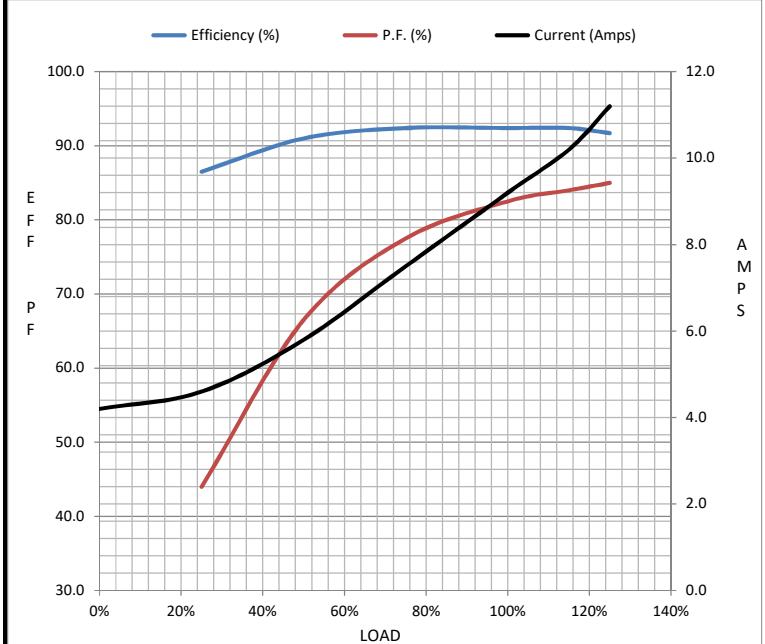
Motor Load Data

Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	4.2	4.6	5.8	7.5	9.2	10.2	11.2	71.5
Torque (ft-lb)	0.00	5.5	11.0	16.8	22.2	25.5	27.8	47.0
RPM	1800	1795	1788	1778	1770	1.765	1760	0
Efficiency (%)		86.5	91.0	92.4	92.4	92.4	91.7	
P.F. (%)	5.5	44.0	66.5	77.5	82.5	84.0	85.0	40.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	900	1585	1770	1800
Current (Amps)	71.5	65.0	42.5	9.2	4.2
Torque (ft-lb)	47.0	40.0	80.0	22.2	0.00

Information Block				
HP	7.5			
Sync. RPM	1800			
Frame	132			
Enclosure	TEFC			
Construction	TFC			
Voltage	230/460#200/400 V			
Frequency	60 Hz			
Design	A			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	30 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk <sup>2</sup>	0.00 Lb-Ft <sup>2</sup>			
Ref Wdg	T10704028 NONE			
Sound Pressure @ 1M	47 dBA			
VFD Rating	CONSTANT 10:1			
Outline Dwg	B-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

