

# PRODUCT INFORMATION PACKET

Model No: 132MTFC6586  
Catalog No: R326A  
5 1/2,1200,TEFC,132M,3/60/230/460  
TEFC



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### Nameplate Specifications

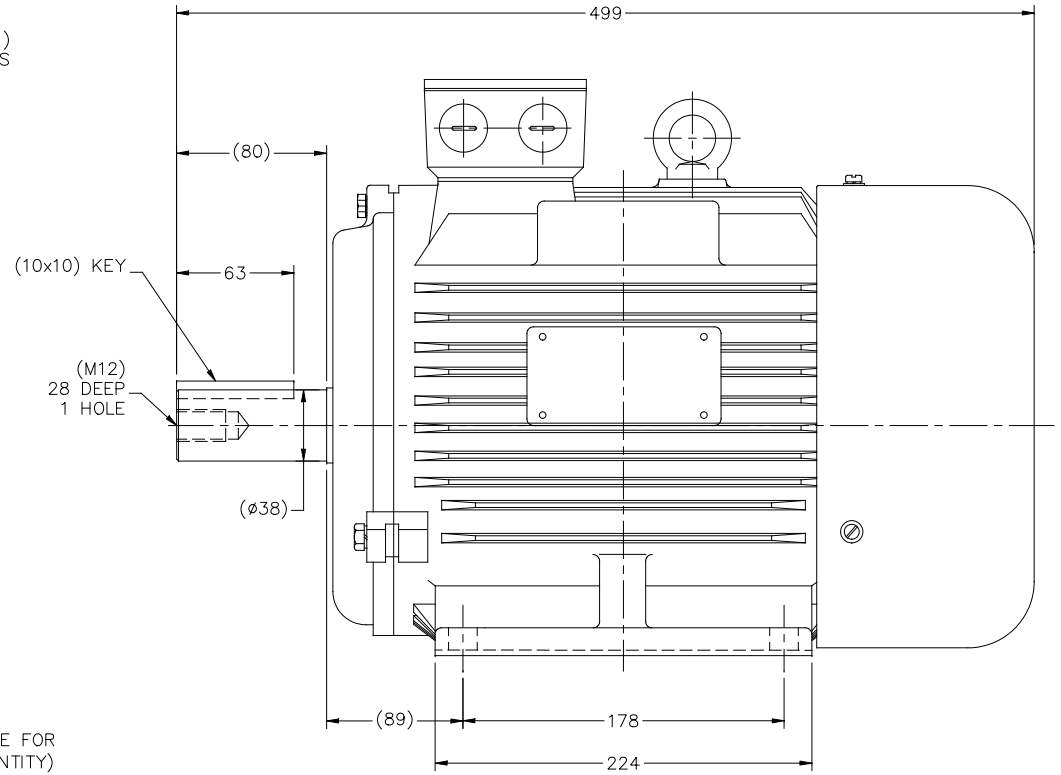
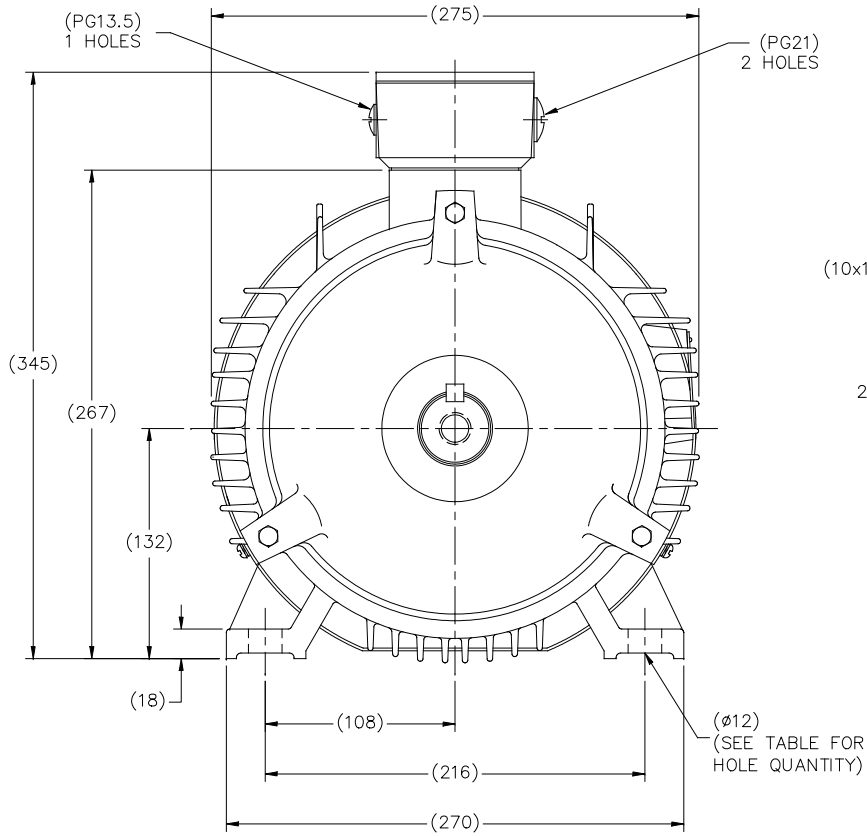
Output HP	<b>5.5 Hp</b>	Output KW	<b>4.1 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>17/8.5 A</b>	Speed	<b>1180 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>89.5 %</b>	Duty	<b>CONTINUOUS</b>
Insulation Class	<b>F</b>	Design Code	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>132M</b>
Enclosure	<b>TEFC</b>	Overload Protector	<b>NOT</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6308</b>
Opp Drive End Bearing Size	<b>6207</b>	UL	<b>No</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>55</b>		

### Technical Specifications

Electrical Type	<b>SQ CAGE INV RATED</b>	Starting Method	<b>LINE OR INVERTER</b>
Poles	<b>6</b>	Rotation	<b>REV</b>
Mounting	<b>RIGID</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>STANDARD IEC</b>
Overall Length	<b>19.76 in</b>	Shaft Diameter	<b>1.5 in</b>
Shaft Extension	<b>3.14 in</b>	Assembly/Box Mounting	<b>F3</b>
Outline Drawing	<b>SS622237</b>	Connection Diagram	<b>4172.03</b>

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SS622237



(DRAWING NOT TO SCALE)

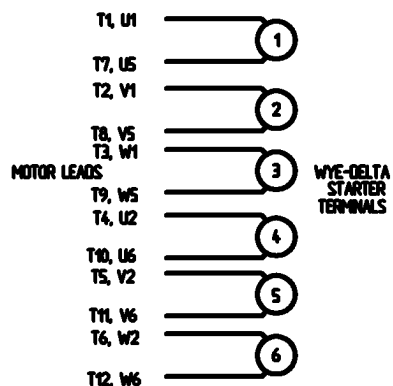
(DIMENSIONS ARE IN MILLIMETERS)

DF132M1-6R	4
DF132M2-6R	4
FRAME	# HOLES

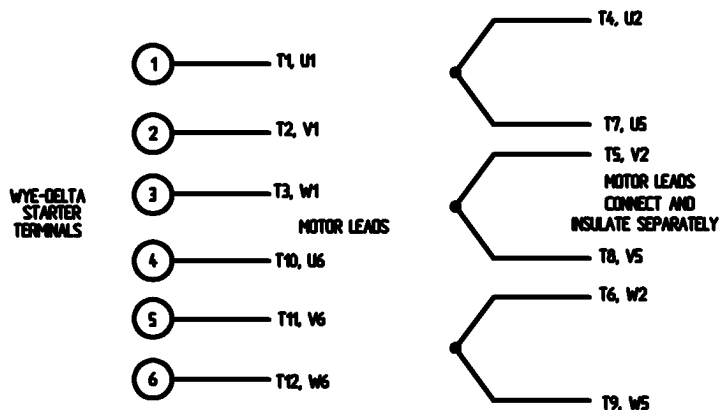
		TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION		DRAWN MSG 11-16-2010	
		DEC.	METRIC	REGAL-BELOIT CORPORATION		CHK	MJS 11-18-2010
G	(4) FOOT HOLES WERE (6) ECO-0130304	WGJ	10-2-17	EMH	.XX ±.76	TITLE OUTLINE - IEC PREMIUM	
2	REV CAT# FROM BLOCK-FOR CAT# SEE SS622237-CAT	MOL	11-29-12	.XXX	±.127	DF132-R FRAME	
1	REV PG13.5 HOLES WERE 2 QTY	MOL	09-24-12	.XXX	±.0127	MATL	FMF HEBEI
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	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
				DIST		SIZE	DRAWING NO. PAGE OF REV.
						B	SS622237 G

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

LOW VOLTAGE CONNECTION

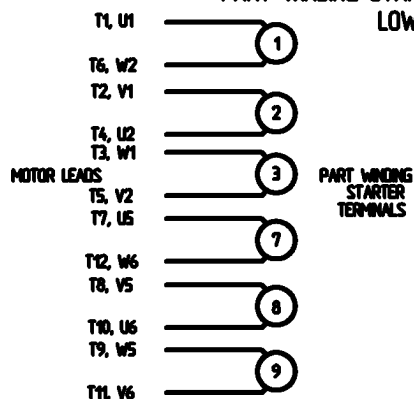


HIGH VOLTAGE CONNECTION



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

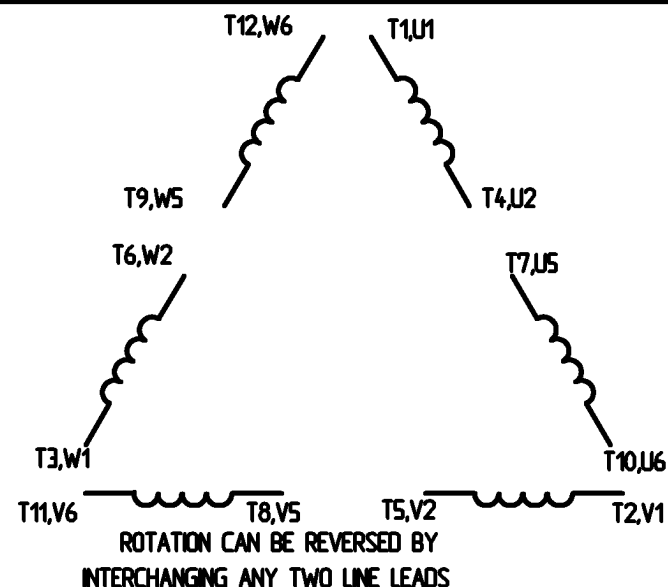
PART WINDING START USABLE ON 4 & 6 POLE MOTORS  
LOW VOLTAGE CONNECTION ONLY



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.

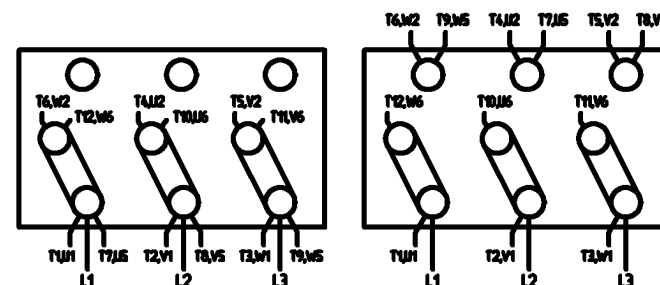
LINE LEADS



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		<p><b>ELECTRIC MOTORS GEARMOTORS AND DRIVES</b></p>	DRAWN	CJW 08/28/02	
				DEC.	INCHES		CHK		
				X	+ .1		APPO		
				XX	+ .01		SCALE	1:1	
				XXX	+ .005		REF		
				XXXX	+ .0005	FINISH			
NO.	REVISION	BY & DATE	CHK	ANG	+ 1/2°		PREV		
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				DST			A	004172-03	

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ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
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STACK:
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Data Sheet

Date: 16-06-2017  
 Customer: \_\_\_\_\_  
 Attention: \_\_\_\_\_  
 Submitted by: FAREEDA DUDEKULA



132MTFC6586

Submittal

Data @ 460 V

Motor Load Data

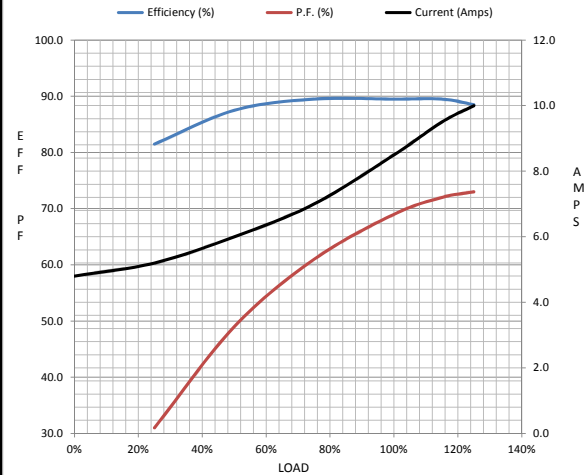
Load	0%	25%	50%	75%	100%	115%	125%	LR
Current (Amps)	4.8	5.2	6.0	7.0	8.5	9.5	10.0	48.5
Torque (ft-lb)	0.00	6.0	12.0	18.3	24.5	28.3	30.9	42.5
RPM	1200	1195	1190	1185	1180	1,175	1170	0
Efficiency (%)		81.5	87.5	89.5	89.5	89.5	88.5	
P.F. (%)	5.5	31.0	49.0	61.0	69.0	72.0	73.0	41.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	600	1055	1180	1200
Current (Amps)	48.5	42.0	29.0	8.5	4.8
Torque (ft-lb)	42.5	37.0	75.0	24.5	0.00

Information Block

HP	5.5			
Sync. RPM	1200			
Frame	132			
Enclosure	TEFC			
Construction	TFC			
Voltage	30/460#200/40V			
Frequency	60 Hz			
Design	B			
LR Code letter	J			
Service Factor	1.15			
Temp Rise @ FL	40 ° 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	T10706010 NONE			
Sound Pressure @ 1M	60 dBA			
VFD Rating	CONSTANT 2:1			
Outline Dwg	SS62237			
Conn. Diag	004172.03			
Additional Specifications:				
0				
365THFS8036				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed -Torque Curve

