

PRODUCT INFORMATION PACKET

Model No: 132MTFC4586

Catalog No: R326

Cast Iron Motor, 5.50 & 5.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 200/400 V, 1200 & 1000 RPM,
132M Frame, TEFC



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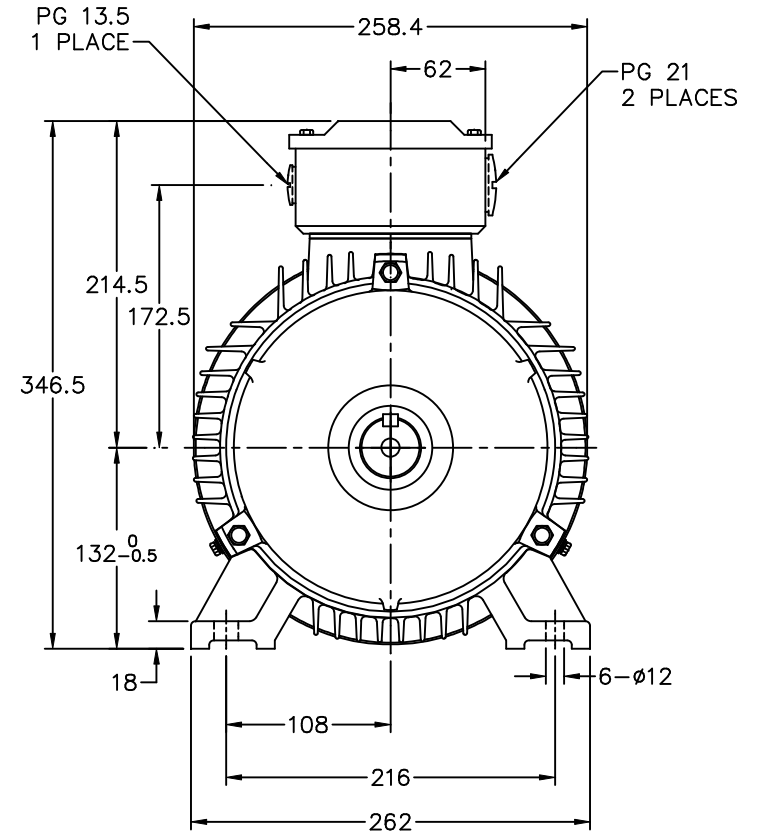
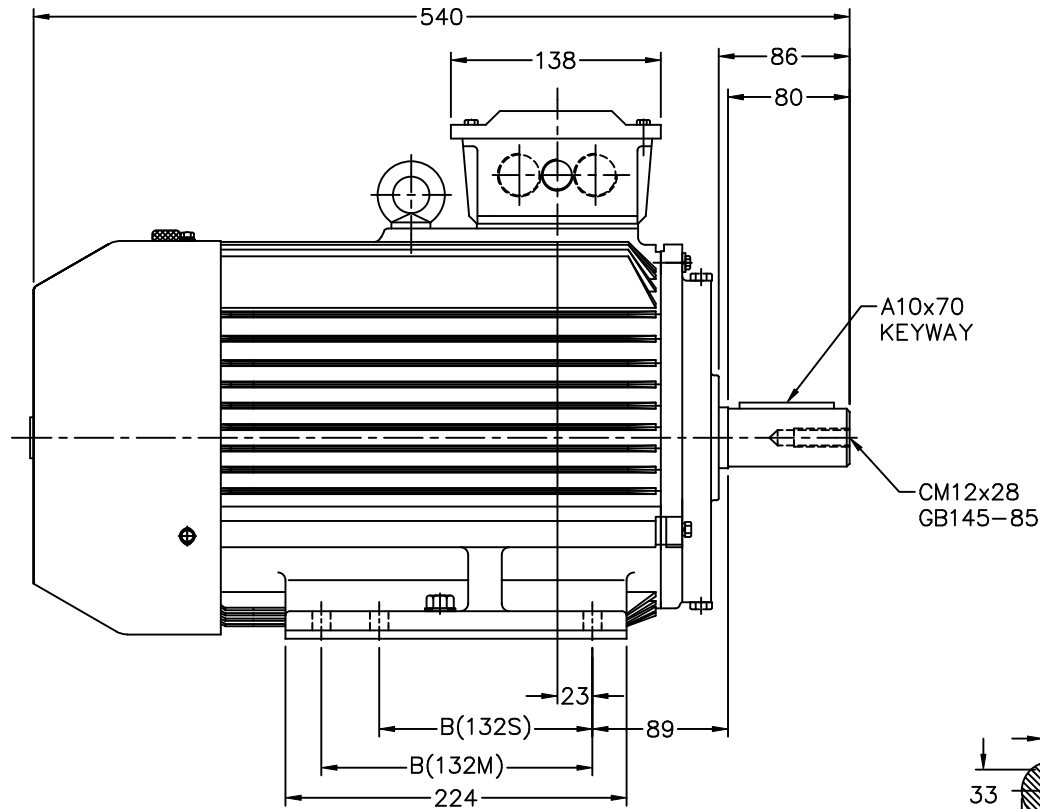


Nameplate Specifications

Phase	3	Output HP	5.50 & 5.50 Hp
Output KW	4.1 & 4.1 kW	Voltage	230/460 & 200/400 V
Speed	1180 & 985 rpm	Service Factor	1.15 & 1.15
Frame	132M	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	15/7.5 & 19.2/9.6 A	Power Factor	78
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	M
Drive End Bearing Size	6308	Opp Drive End Bearing Size	6308
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal Or Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Overall Length	21.25 in
Shaft Diameter	1.500 in	Shaft Extension	3.15 in
Assembly/Box Mounting	F3	Inverter Load	CONSTANT 2:1
Outline Drawing	B-SS620005-132S	Connection Drawing	00417203ME



ALL DIMENSIONS TO BE REF. DIMENSION.

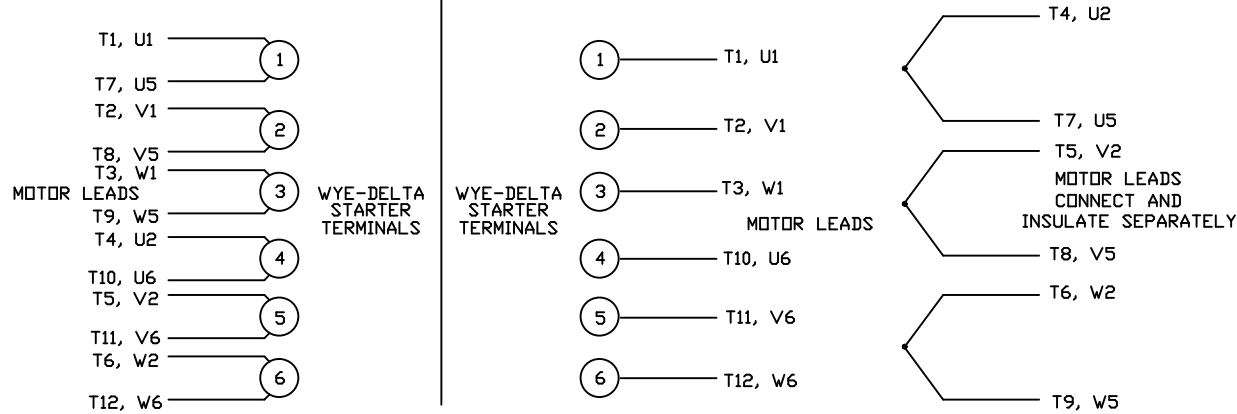
FRAME	B	
132S	140	
132M	178	

		TOLERANCES UNLESS SPECIFIED				DRAWN CTO 09-23-2004	
		DEC.	METRIC			CHK ML 09-24-2004	
		.X	±2.5	TITLE OUTLINE - IEC		APPD SB 09-24-2004	
		.XX	±.76	132 FR.		SCALE 5=16	
		.XXX	±.127	MATL		REF	
1	ADDED DASH 132M FR. SIZE & REISSUED	CTO 10-08-2004	SB	.XXXX	±.0127	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	PREV	
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WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

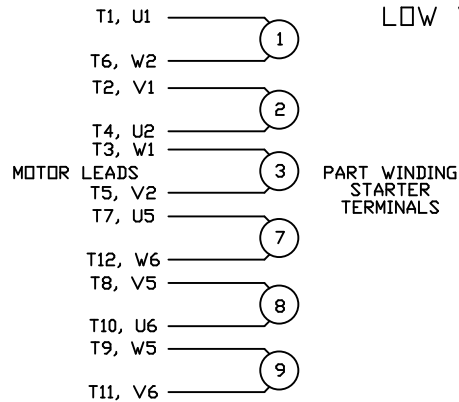
LOW VOLTAGE CONNECTION

HIGH VOLTAGE CONNECTION



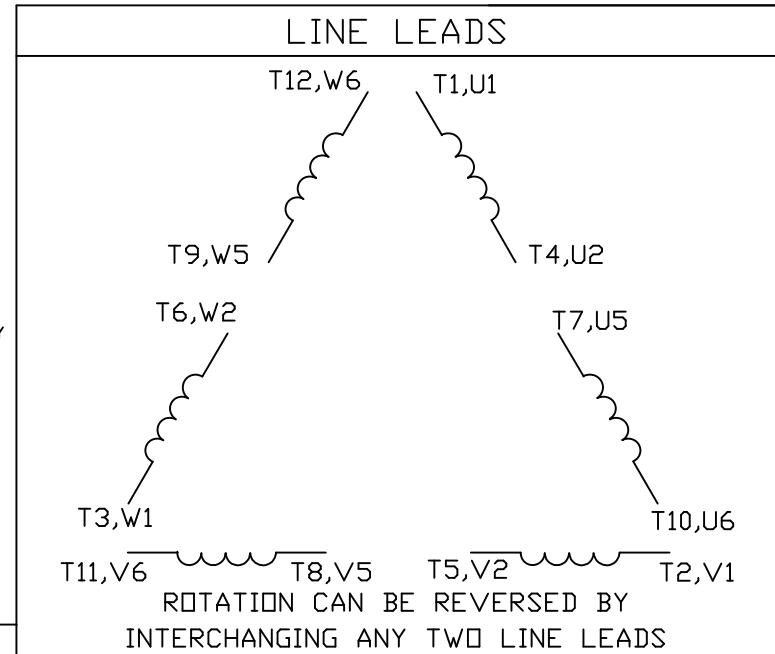
REFER TO THE WYE-DELTA STARTER CONNECTION INSTRUCTIONS FOR PROPER CONNECTION OF POWER LINES TO STARTER.

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.

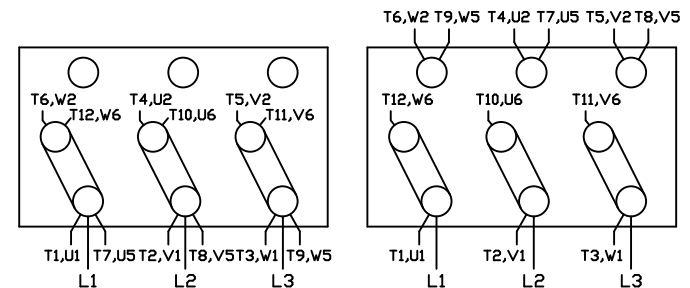
REFER TO THE CUTLER - HAMMER OR EQUIV. FOR PROPER SELECTION OF OVERLOAD HEATER COILS.



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

DEC. INCHES

.X ±.1

.XX ±.01

.XXX ±.005

.XXXX ±.0005

ANG ±1/2*



TITLE DELTA - WYE CONNECTION DIAGRAM
IEC CAST IRON MOTORS

MAT'L.

FINISH

DRAWN CJW 08/28/02

CHK

APPD

SCALE 1=1

REF

FMF

PREV

NO. REVISION BY & DATE

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SIZE DRAWING NO.

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