PRODUCT INFORMATION PACKET

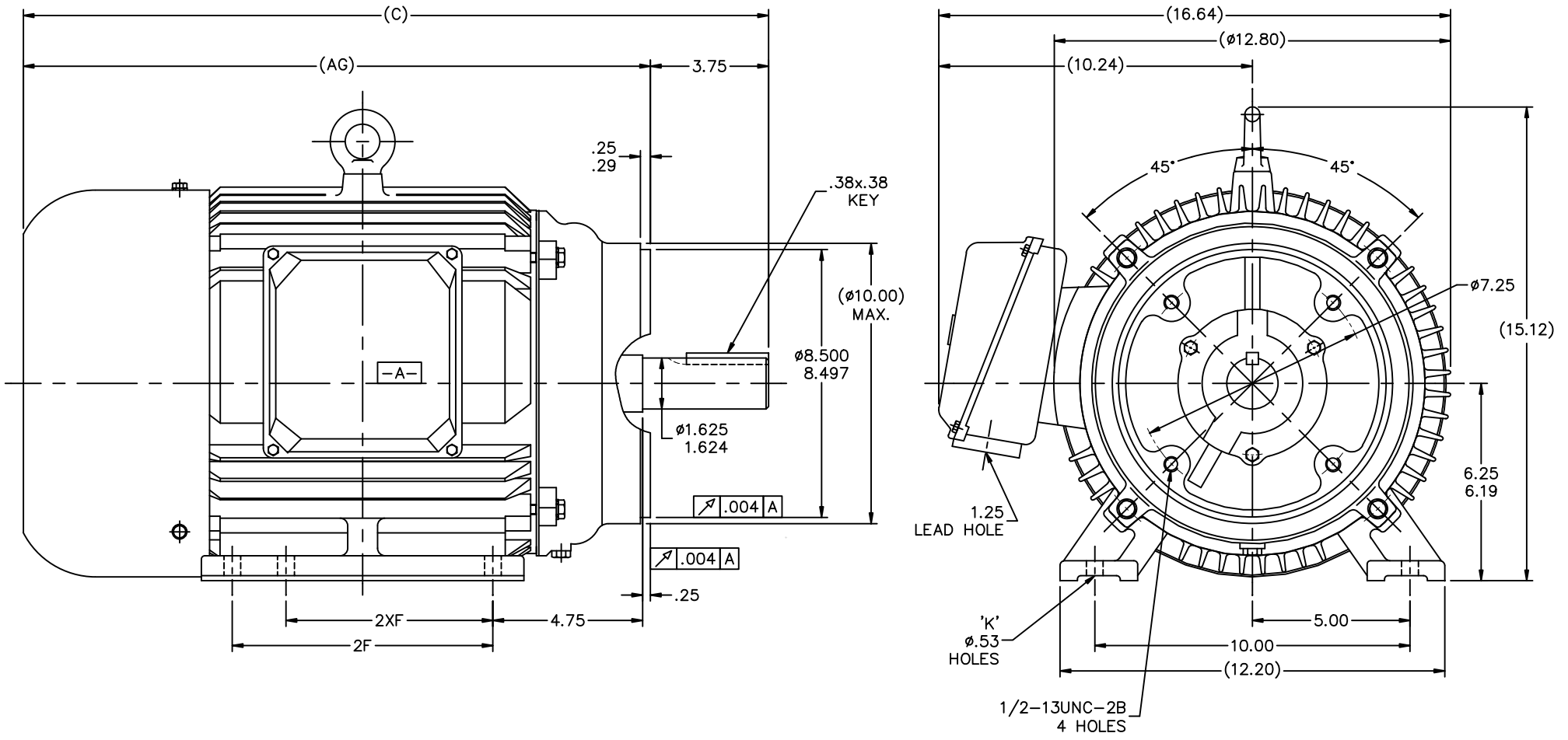
Model No: LM62032
Catalog No: LM62032
OBSOLETE,
REPLACED BY 199062.00 - 20HP..1800RPM.256TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....

Nameplate Specifications

Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	208-230/460 & 190/380 V
Speed	1775 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	256TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 & 92.4 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	51-50/25 & 43.5/21.8 A	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6308
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.322 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS622044RB	Connection Drawing	004172.03



NOT DRAWN TO SCALE

DASH	FRAME	C	AG	B	2F	2XF	K	BS
---	N254TC–2	23.75	20.00	---	8.26	---	4	---
---	N254TC–4	23.75	20.00	---	8.26	---	4	---
---	N256TC–2	25.48	21.73	---	10.00	8.26	6	---
---	N256TC–4	25.48	21.73	---	10.00	8.26	6	---

NO.	REVISION	BY & DATE	CHK
			ANG ±7'30"

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.03
.XXX	±.005
.XXXX	±.0005

REGAL-BELOIT CORPORATION

DRAWN MSG 08–11–2005
CHK ML 08–12–2005
APPD LMC 08–23–2005
SCALE 3=8
REF
FMF
PREV 250013670–3700

TITLE OUTLINE
254/6TC FRAME – C'FACE

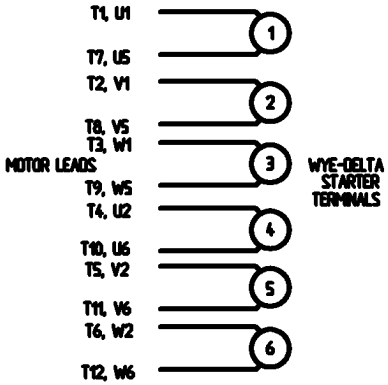
MAT'L.
FINISH
RFP
CAD FILE ss622044RB
DIST LB

SIZE B | DRAWING NO. SS622044RB | PAGE OF | REV.

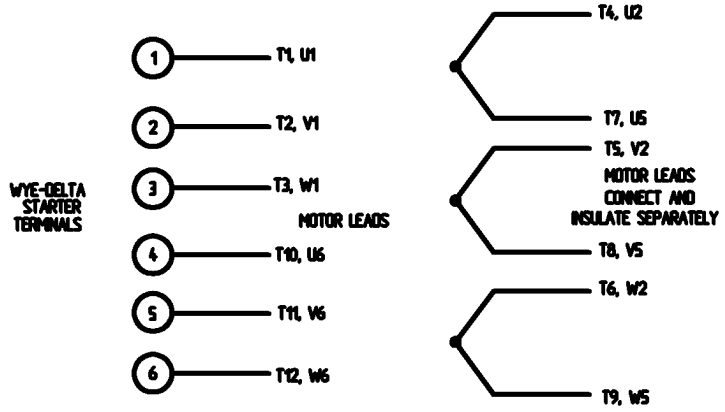
004172-03

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

LOW VOLTAGE CONNECTION

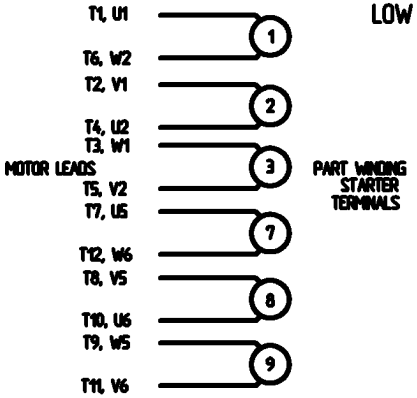


HIGH VOLTAGE CONNECTION



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

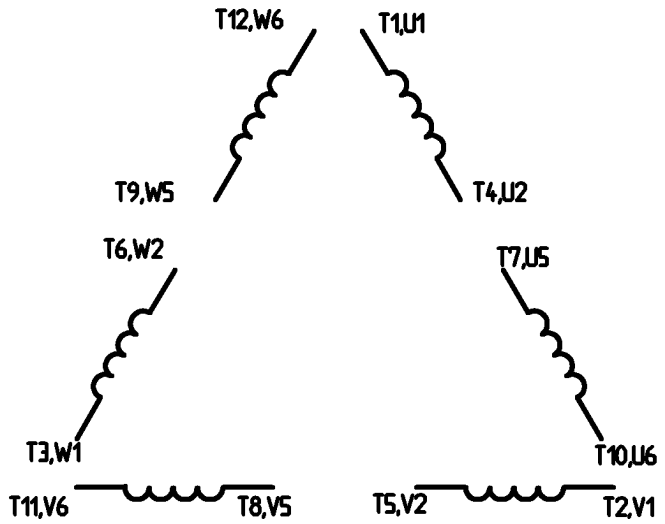
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

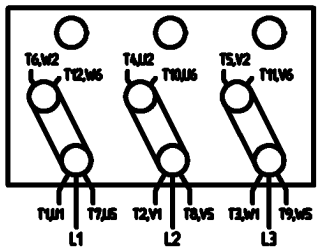
LINE LEADS



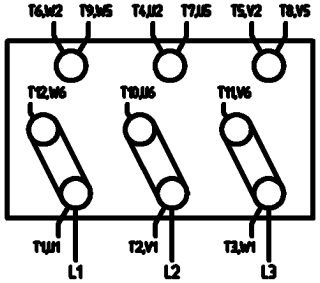
ROTATION CAN BE REVERSED BY INTERCHANGING ANY TWO LINE LEADS

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)



NO.	REVISION	BY & DATE	CHK

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
X	± .1
XX	± .01
XXX	± .005
XXXX	± .0005
ANG	± 1/2°

LEESON — ELECTRIC MOTORS GEARMOTORS AND DRIVES

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	

RFP

DIST

CAD FILE: 00417203

SIZE: A

DRAWING NO.: 004172-03

REV.

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ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

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-dictionary-
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