

PRODUCT INFORMATION PACKET



Model No: LM62028
Catalog No: LM62028
OBSOLETE,

REPLACED BY 199059.00 - 15HP..3600RPM.254TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....

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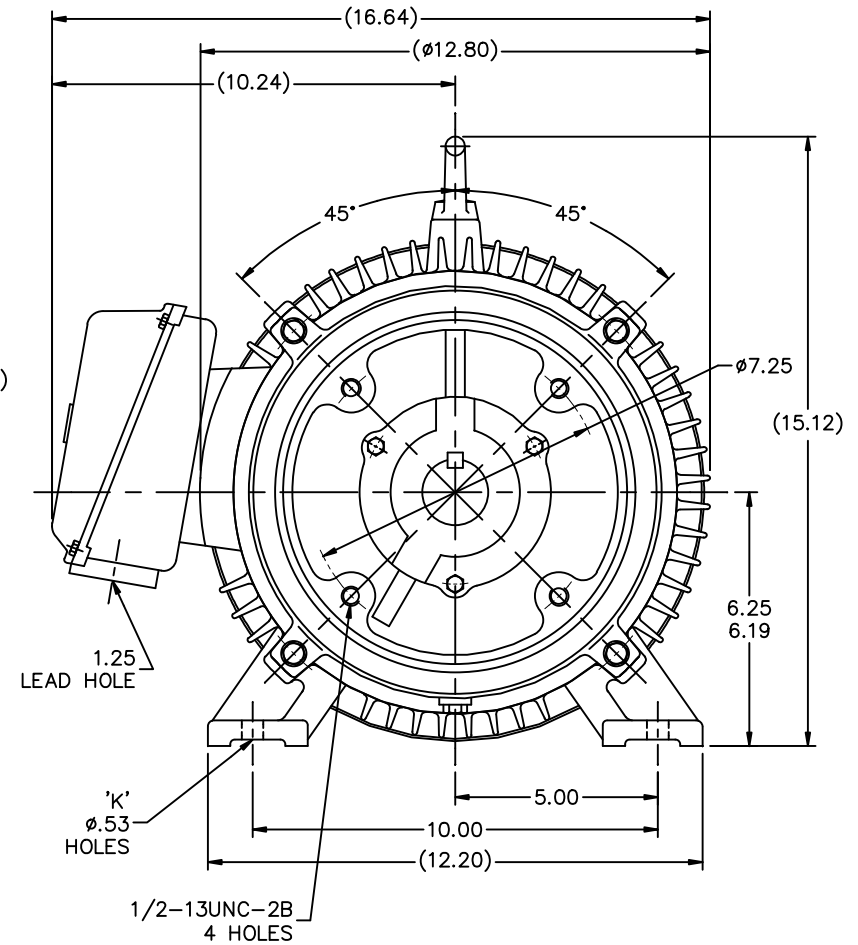
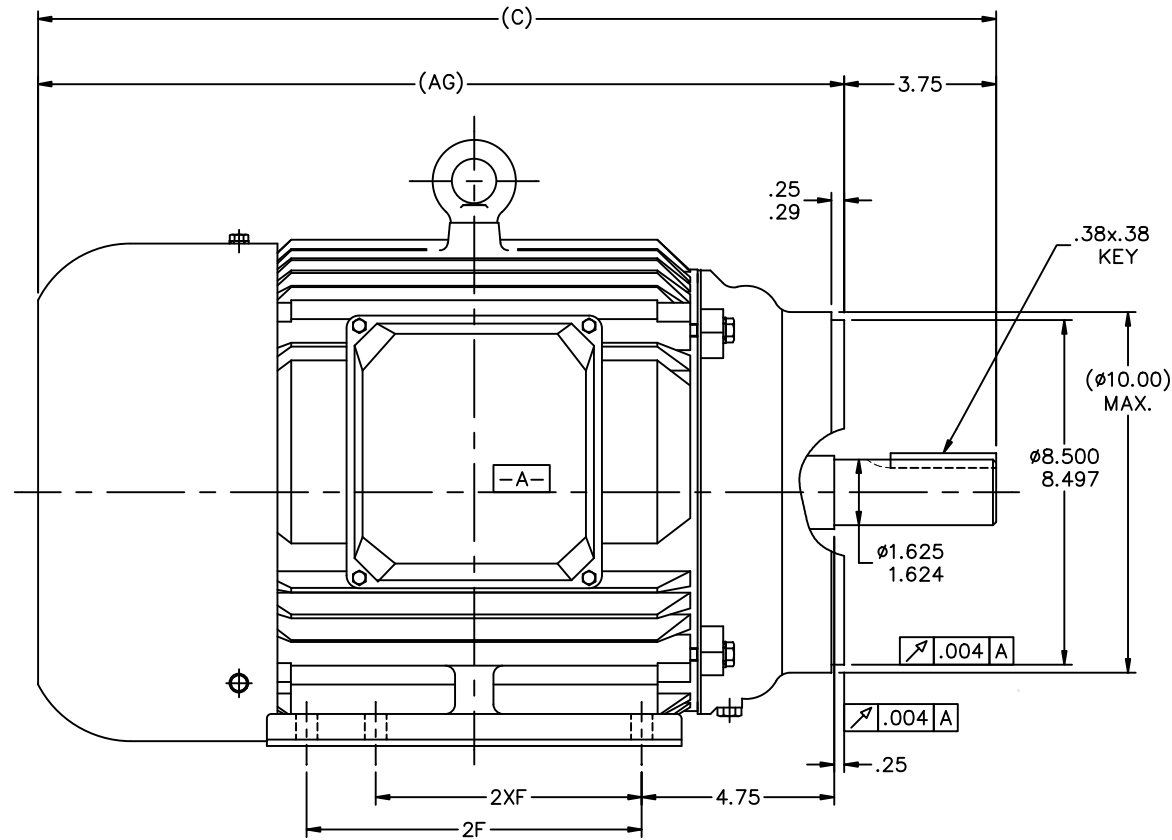
Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	208-230/460 & 190/380 V
Speed	3550 & 2960 rpm	Service Factor	1.25 & 1.15
Frame	254TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	92.4 & 92.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	38-34.5/17.3 & 22/11 A	Power Factor	88.5
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	2	Rotation	Reversible
Resistance Main	.107 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

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NOT DRAWN TO SCALE

									TOLERANCES UNLESS SPECIFIED			 REGAL-BELOIT CORPORATION	DRAWN MSG 08-11-2005				
									DEC.	INCHES	CHK		ML	08-12-2005			
									.X	±.1	APPD		LMC	08-23-2005			
									.XX	±.03	TITLE OUTLINE						
									.XXX	±.005	254/6TC FRAME – C'FACE						
									.XXXX	±.0005	MAT'L						
									CHK	ANG	±7°30"	FINISH					
									RFP	CAD FILE ss622044RB			SIZE	DRAWING NO.	PAGE OF	REV.	
									DIST	LB			B	SS622044RB			

----	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	----
DASH	FRAME	C	AG	B	2F	2XF	K	BS

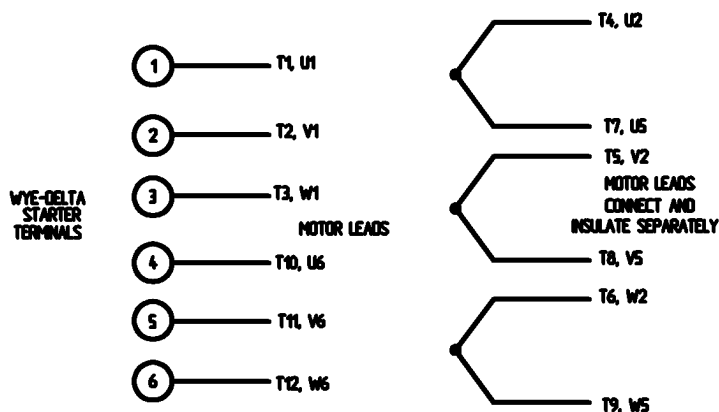
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WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

LOW VOLTAGE CONNECTION



HIGH VOLTAGE CONNECTION



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

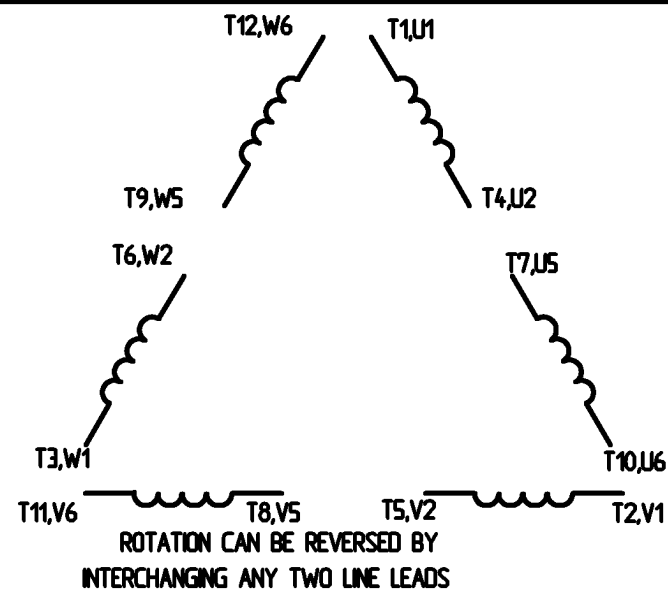
PART WINDING START USABLE ON 4 & 6 POLE MOTORS LOW VOLTAGE CONNECTION ONLY



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.

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		<div>LEESON</div> <div>ELECTRIC MOTORS GEARMOTORS AND DRIVES</div>	DRAWN C/W 08/28/02	
				DEC.	INCHES		CHK	
				X	± .1		APPO	
				XX	± .01		SCALE	1:1
				XXX	± .005		REF	
				XXXX	± .0005	MAT'L	FMF	
NO.	REVISION	BY & DATE	CHK	ANG	± 1/2°	FINISH	PREV	
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OFFENDING COMMAND: --nostringval--

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