

PRODUCT INFORMATION PACKET



Model No: 193139.60

Catalog No: 193139.60

15HP..1175/980RPM.160L.IP55.230/460V.3PH.60/50HZ.CONT.NOT.40C.1.15/1.15SF.B3/B14.IEC Metric.C160T11
FZ6C

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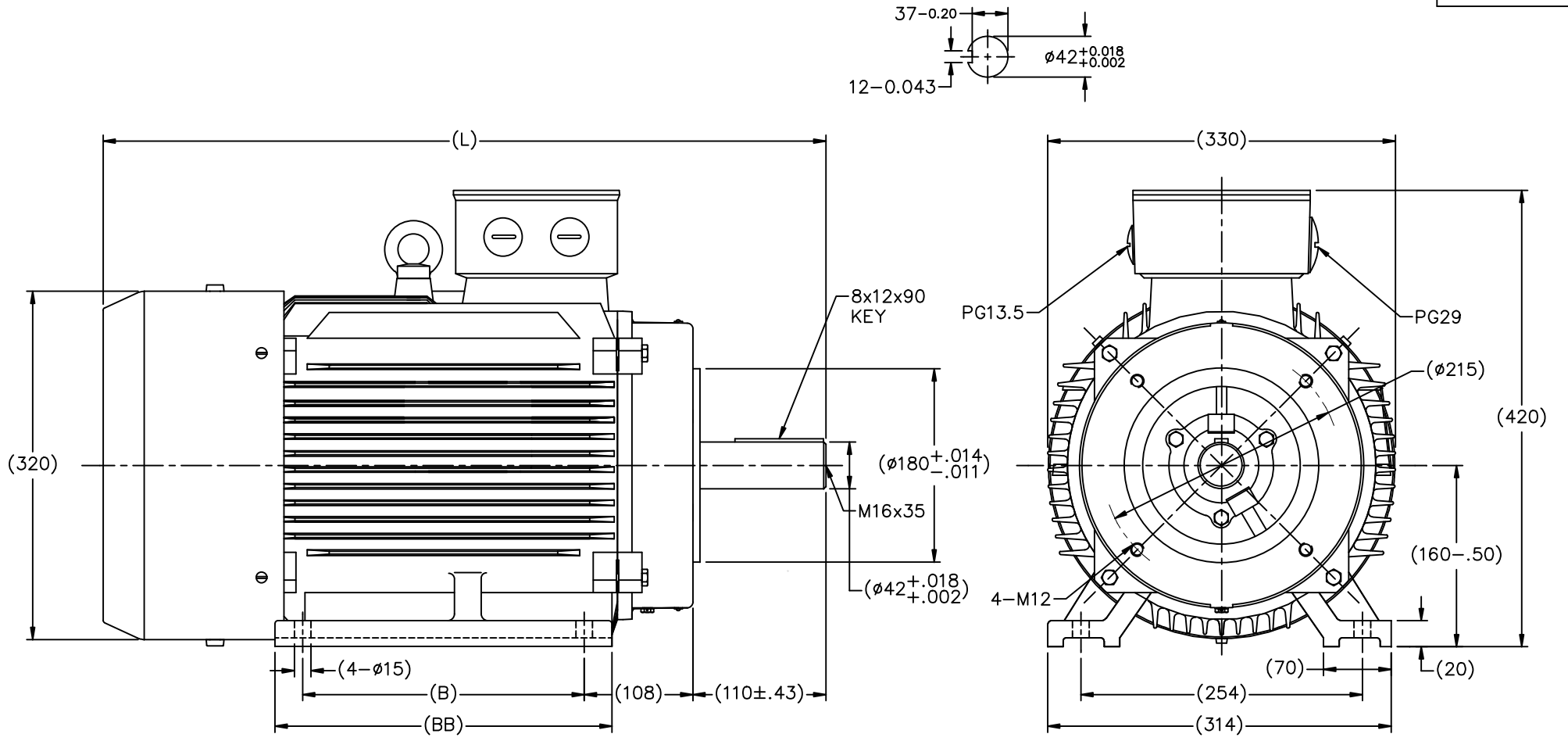
Nameplate Specifications

Phase	3	Output HP	15 & 15 Hp
Output KW	11.2 & 11.2 kW	Voltage	230/460 & 200/400 V
Speed	1175 & 980 rpm	Service Factor	1.15 & 1.15
Frame	DF160LC	Enclosure	IP55
Thermal Protection	No Protection	Efficiency	90.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	38.8/19.4 & 44.8/22.4 A	Power Factor	80.3
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	K
Drive End Bearing Size	6309	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 Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.604 Ohms	Mounting	B3/B14
Motor Orientation	Nan	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	IEC	Assembly/Box Mounting	NAN
Outline Drawing	16991560	Connection Drawing	004172.03

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TYPE	B	BB	L
DF160M	210	274	615
DF160L	254	318	670

REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH	SIZE		DRAWING NO.	PAGE	OF	REV.
1	NEW DRAWING	CTO 01-31-2003					B	16991560	169915-60	1	1	

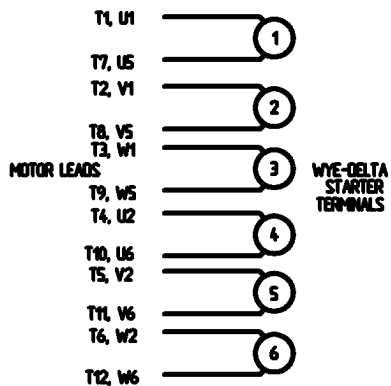
TOLEANCES UNLESS SPECIFIED
 DEC. METRIC
 .X ±2.5
 .XX ±.76
 .XXX ±.127
 .XXXX ±.0127
 MAT'L
 CAD FILE 16991560
 DIST WA

LEESON ELECTRIC MOTORS GEARMOTORS AND DRIVES
 TITLE OUTLINE DF160 B3B14
 DRAWN CTO 12-10-2002
 CHK ML 01-31-2003
 APPD SB 01-31-2003
 SCALE 1=3.5
 REF FMF
 PREV

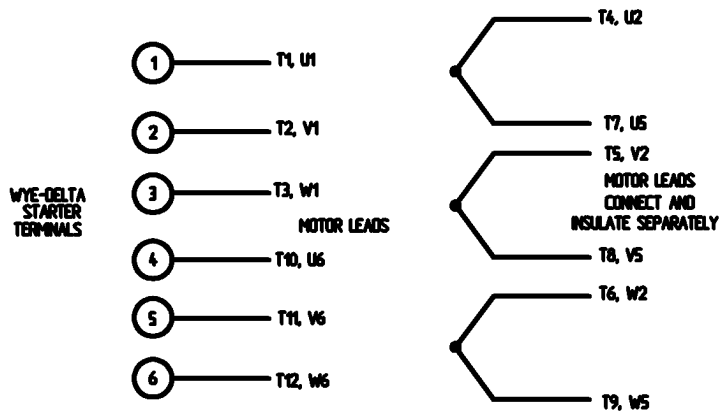
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WYE - DELTA STARTING USEABLE ON 2,4 AND 6 POLE MOTORS.

LOW VOLTAGE CONNECTION

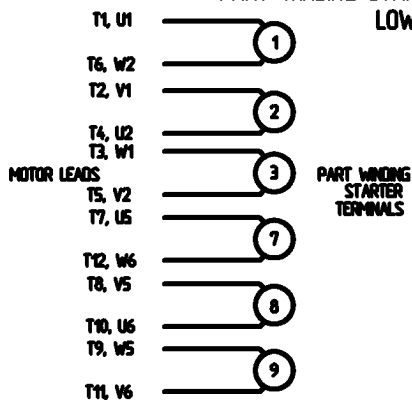


HIGH VOLTAGE CONNECTION



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

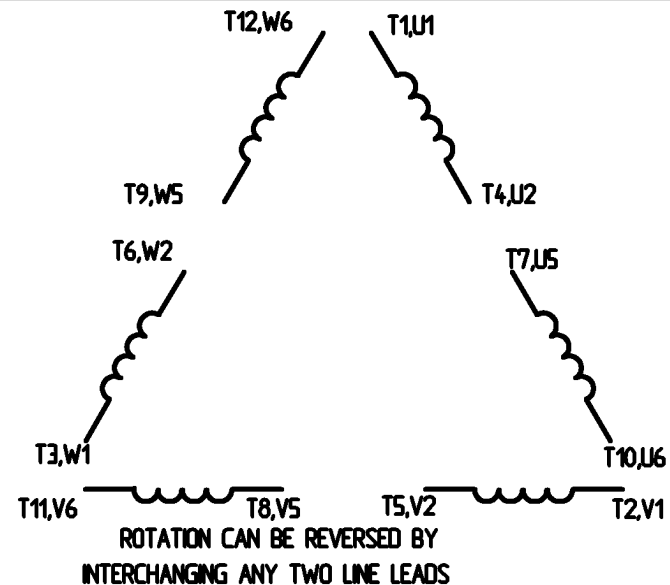
PART WINDING START USABLE ON 4 & 6 POLE MOTORS
LOW VOLTAGE CONNECTION ONLY



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.

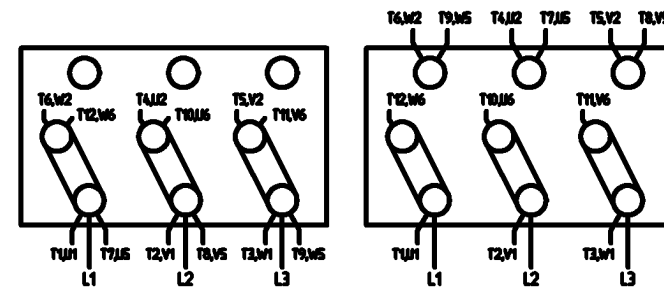
LINE LEADS



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			DRAWN C/W 08/28/02		
				DEC.	INCHES		CHK		
				X	+ .1		APPO		
				XX	+ .01		SCALE 1:1		
				XXX	+ .005		REF		
				XXXX	+ .0005	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	+ 1/2°	FINISH	PREV		
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				DST					

ERROR: syntaxerror
OFFENDING COMMAND: --nostringval--

STACK:

/CB
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