PRODUCT INFORMATION PACKET

Model No: B199978.00
Catalog No: B199978.00
OBSOLETE REPLACED BY 256TTFCD6031

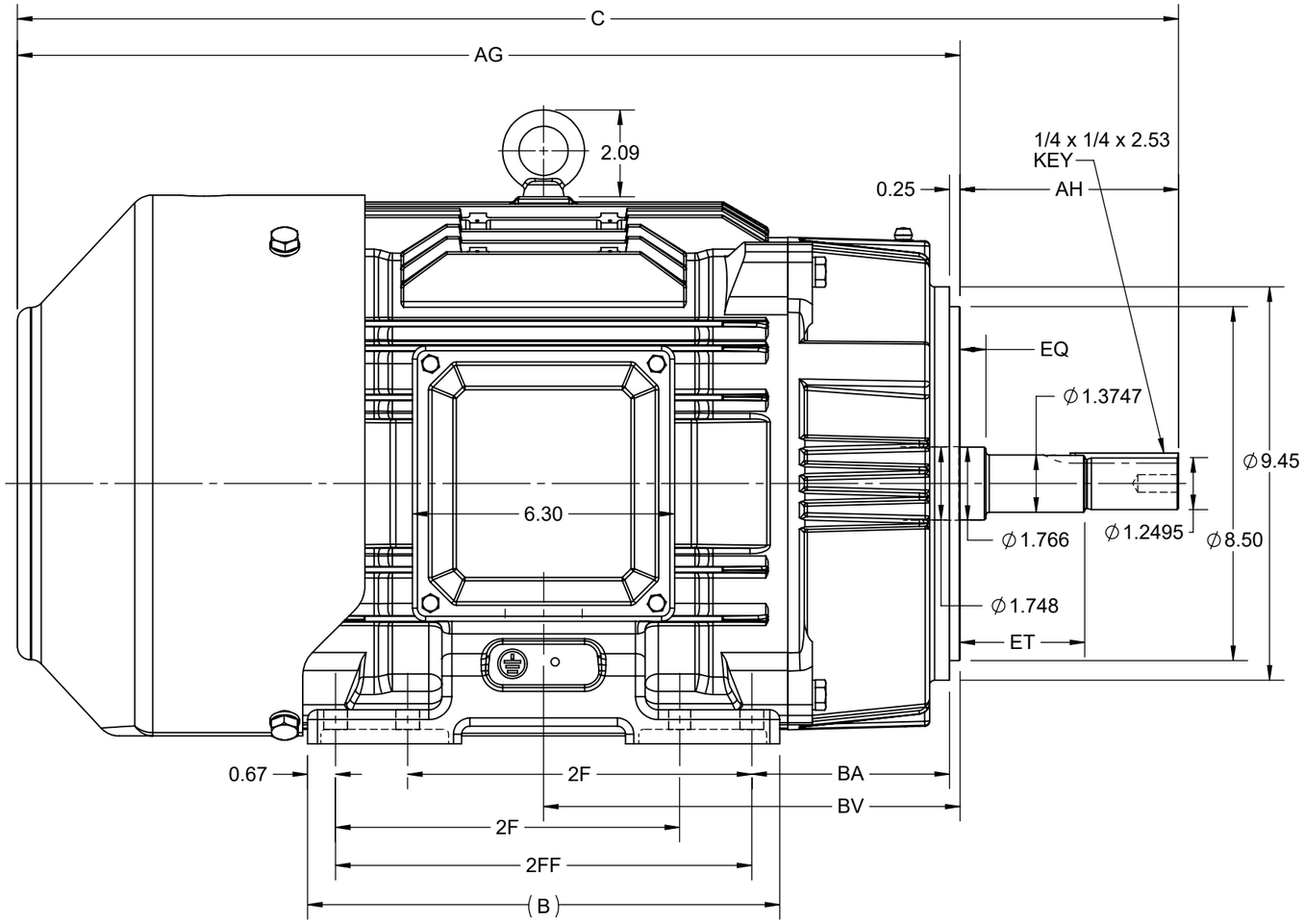
Nameplate Specifications

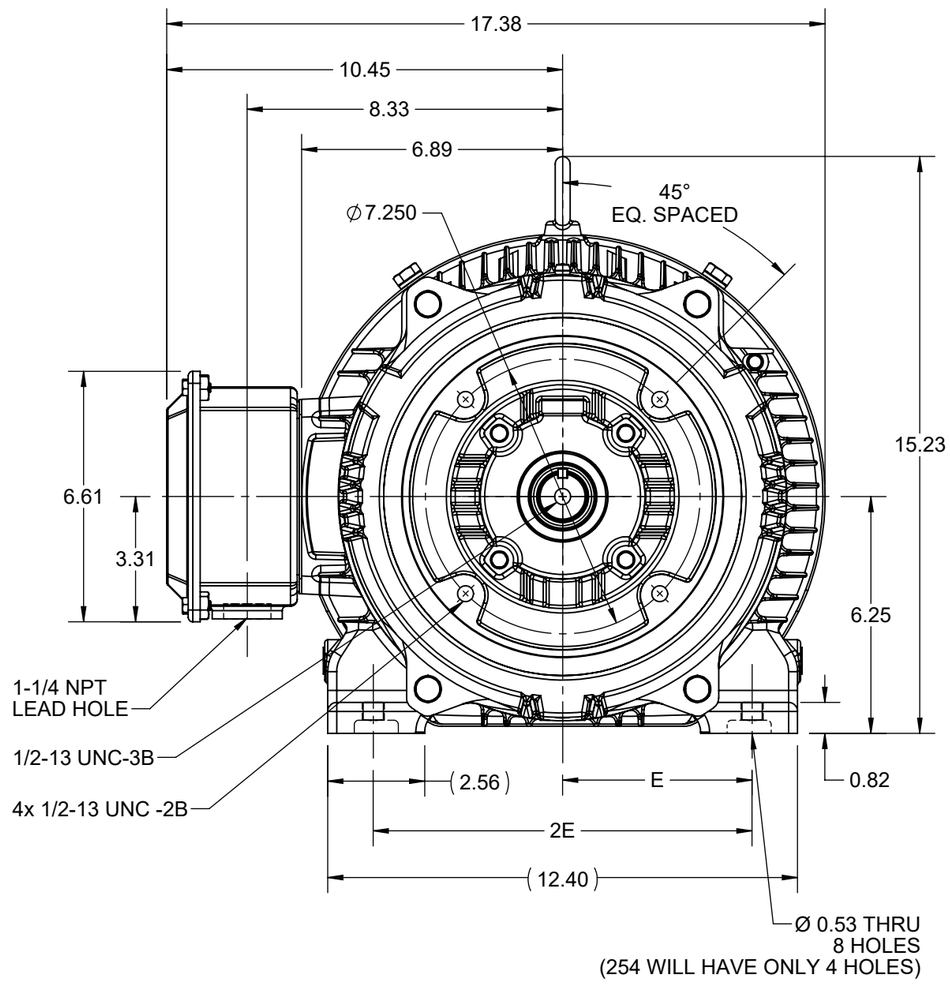
Phase	3	Output HP	20 & 15 Hp
Output KW	14.9 & 11.2 kW	Voltage	230/460 & 190/380 V
Speed	1768 & 1472 rpm	Service Factor	1.15 & 1.15
Frame	256JM	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93 & 92.7 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	48.5/24.2 & 44.5/22.3 A	Power Factor	83.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6209
UL	Listed	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1	Hazardous Location	DIVISION 2 T2B

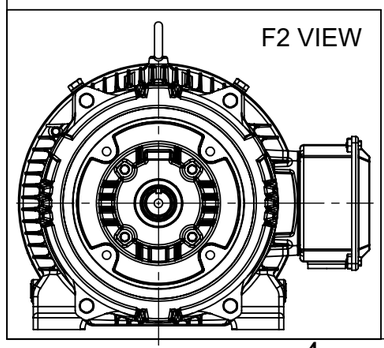
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.513 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 10:1/VARIABLE 10:1		
Outline Drawing	SS620795-256JM	Connection Drawing	EE7308K

DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	EQ	ET	MOUNTING	FRAME
100	9.60	26.16	5.00	10.00	---	8.25	20.91	5.25	4.75	9.75	0.62	2.99	F1 OR F2	254JM
200	11.34	27.89			8.25	10.00	22.64			10.50				254/256JM







DRAWING REVISION	REVISION BY	REV DATE/© DATE
C	VS	18-11-2020
ECO	APPROVED BY	DATE
CR-0000332	GNK	18-11-2020
ECO DESCRIPTION		
DRAWING UPDATED		

PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY	SN
DATE	12/04/2017
APPROVED BY	SBD
DATE	12/04/2017
REFERENCE	
THIRD ANGLE PROJECTION	

REGAL® Regal Beloit America, Inc.

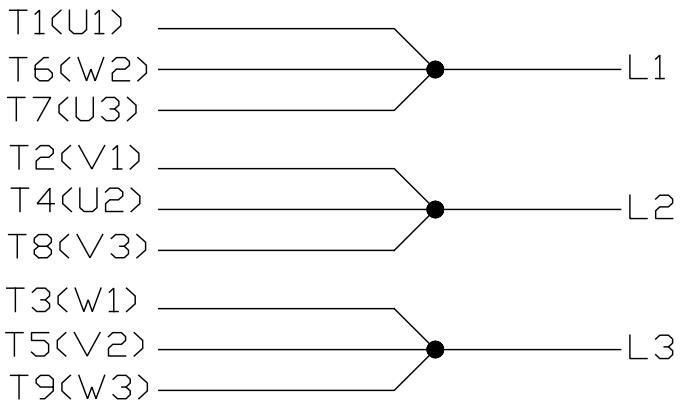
DESCRIPTION
OUTLINE
TEFC-254/256 JM FR--CAST IRON

MATERIAL	PROCESS/FINISH

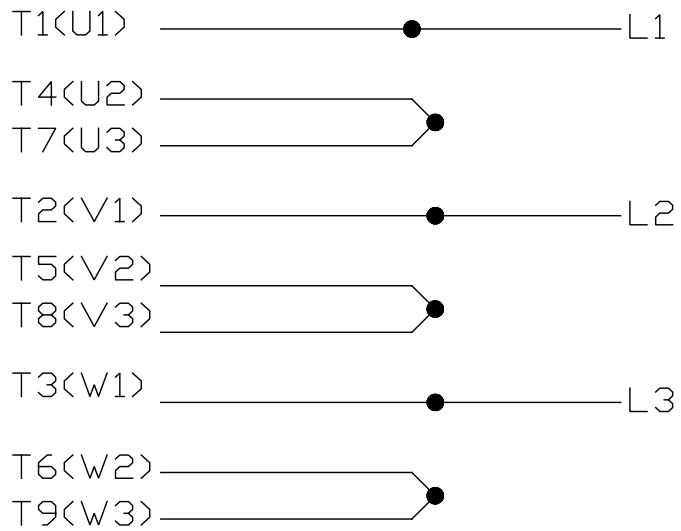
SIZE	DRAWING NUMBER	SHEET
B	SS620795	1 OF 1

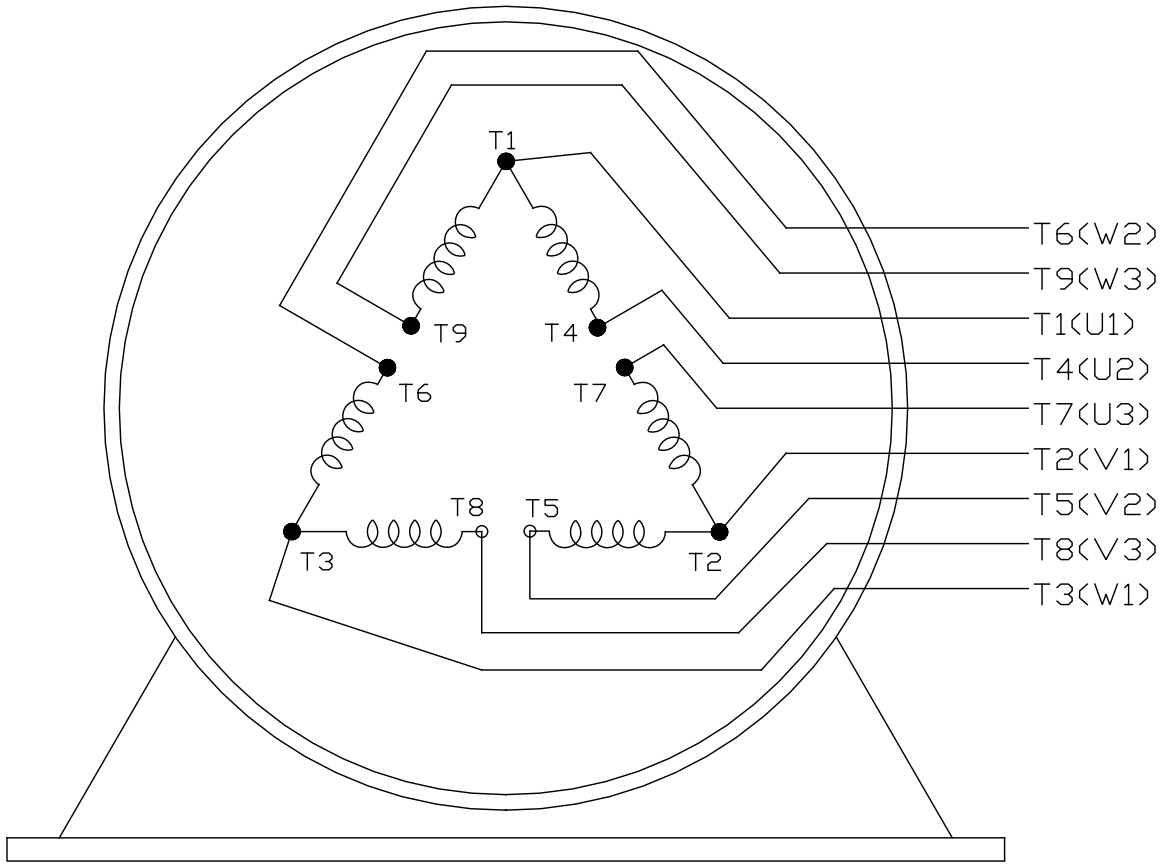
EE7308K

LOW VOLTAGE



HIGH VOLTAGE





VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK
E	CORRECTED IEC MARKINGS ECO-0111208	WGJ 01-23-2017	EMH
D	RE-DRAWN WITH REGAL LOGO ECO-0110493	WGJ 09-30-2016	EMH
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS
7	REVISD HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998	
6	REDRAWN ON CADD	PGK 06-05-1997	

TOLERANCES UNLESS SPECIFIED		
DEC.	INCHES	
.X	±.1	
.XX	±.02	
.XXX	±.005	
.XXXX	±.0005	
ANG	±7'30"	

REGAL - BELOIT CORPORATION

TITLE: CONNECTION DIAGRAM
DELTA CON. - 3Ø - 9 LEADS

MAT'L.

FINISH

CAD FILE EE7308K

RFP

DIST

DRAWN	PGK	06-04-1997
CHK	ML	06-05-1997
APPD	GK	06-15-1997
SCALE		
REF		
FMF		
PREV		

SIZE A | DRAWING NO. EE7308K | PAGE OF | REV. E