

PRODUCT INFORMATION PACKET



Model No: 199025.00

Catalog No: 199025.00

Obsolete - replaced by B199025.00 -.30HP..1800RPM.286T.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID
.....GENERAL PURPOSE.....

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Nameplate Specifications

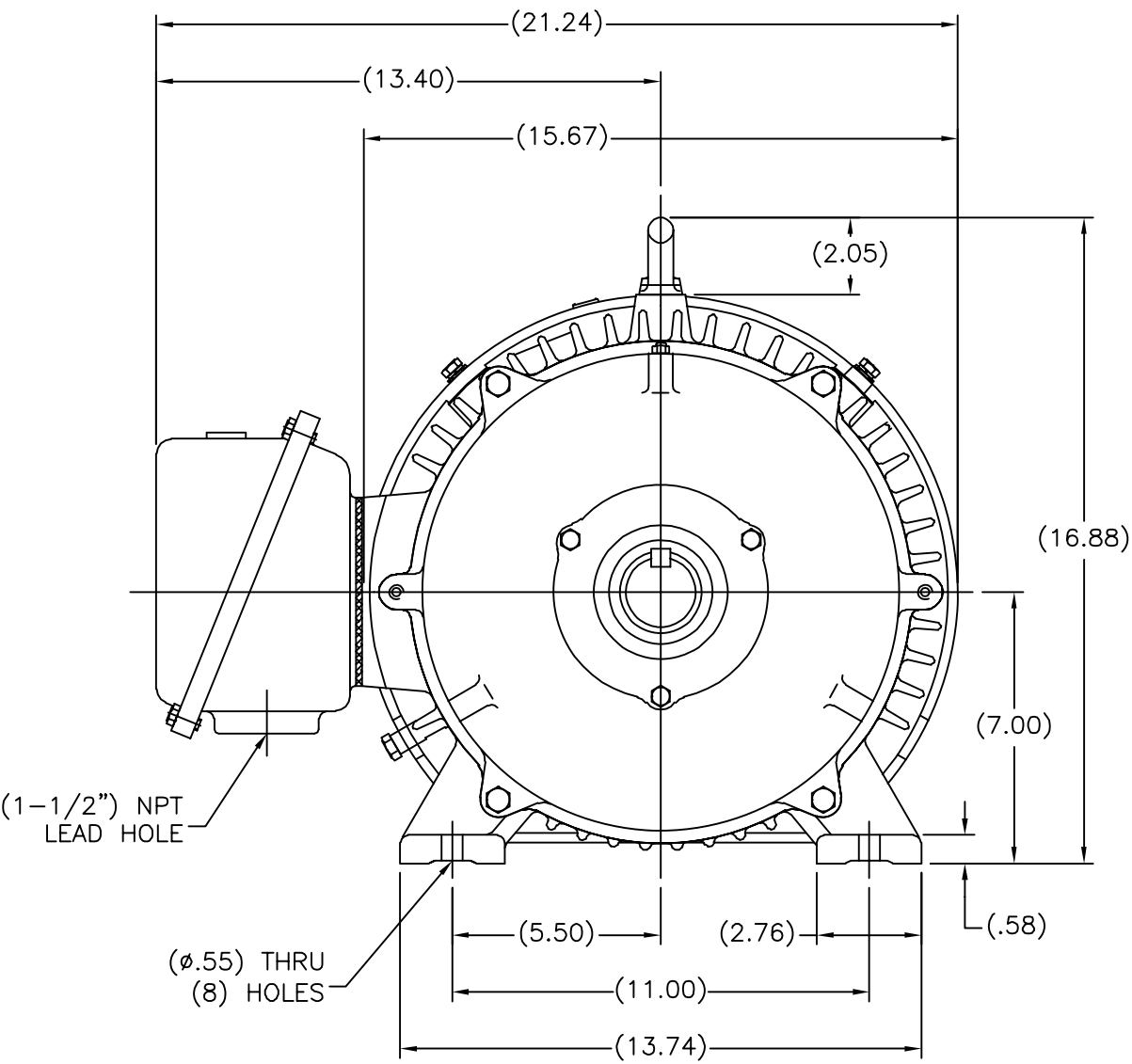
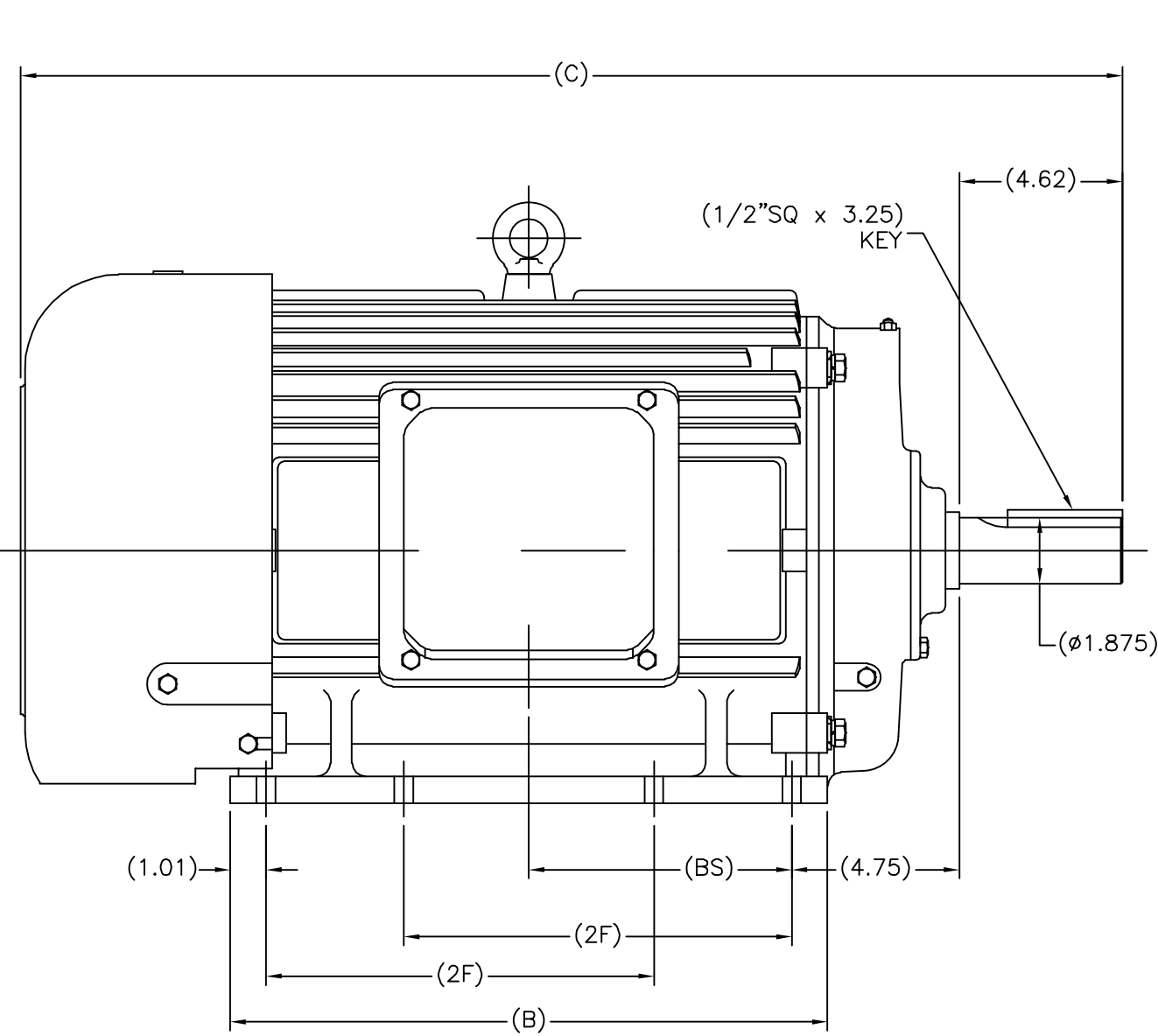
Phase	3	Output HP	30 & 25 Hp
Output KW	22.4 & 18.7 kW	Voltage	230/460 & 190/380 V
Speed	1775 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	286T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	73/36.5 & 74/37 A	Power Factor	82
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6210
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.215 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
Inverter Load	CONSTANT 20:1		
Outline Drawing	SS620245-286T	Connection Drawing	EE7308AA-LE

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SS620245

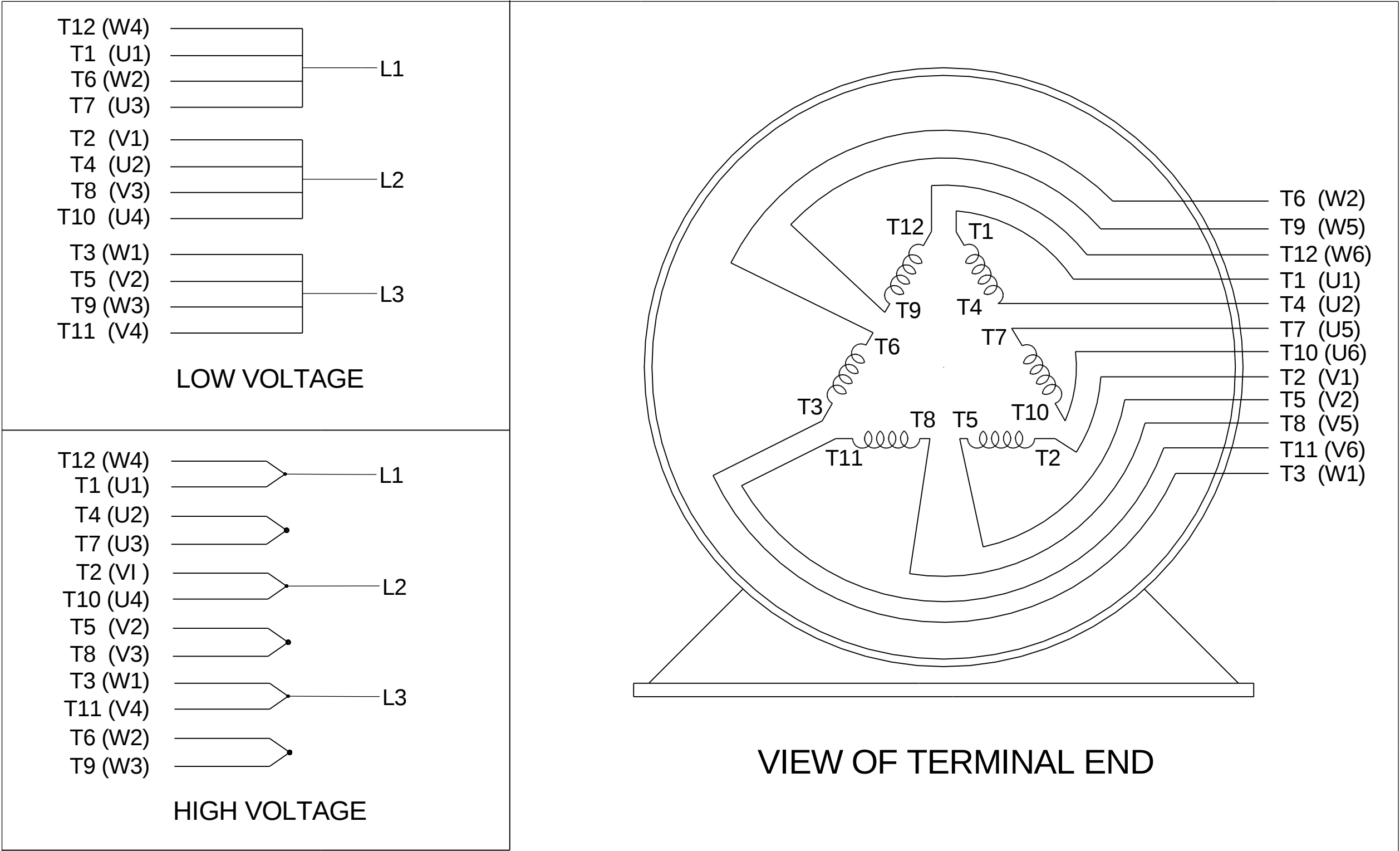


(MAY NOT BE DRAWN TO SCALE)

(DIMENSIONS IN TABLE ARE CONSIDERED REFERENCE)

284T	30.16	15.75	9.50	6.86
286T	31.34	16.93	11.00	7.45
FRAME	C	B	2F	BS

		TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN MSG 01-12-2010	
		DEC.	INCHES			CHK	MJS 01-13-2010
		.X	±.1	TITLE OUTLINE 280T FR. - TEFC		APPD	SB 01-13-2010
		.XX	±.03			SCALE	1=4
		.XXX	±.005	MAT'L.		REF	
1		ADDED 'BS' DIM. UPDATED TITLE BLOCK ECO-0048910	RFH 04/07/2014	EH	.XXXX ±.0005	FMF	
NO.		REVISION	BY & DATE	CHK	ANG ±7'30"	FINISH	PREV
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				DIST		SIZE	B
				DRAWING NO.		PAGE	OF
				SS620245		1	1



DRAWING REVISION C	REVISION BY D.FROEHLICH	DATE 02-09-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±7° 30" .XX ±0.02 [±0.51] .XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [0.51] MACHINED SURFACES: 200 INCH ✓ mm ✓ mm SHOWN IN [BRACKETS]	DRAWN BY HV	REGAL™ Regal Beloit America, Inc.		
ECO ECO-0070906	APPROVED BY MG	DATE 02-09-2015		DATE 06-08-20152			
ECO DESCRIPTION UPDATED IEC CONNECTIONS				APPROVED BY DR	DESCRIPTION CONN DIAGRAM-EXTERNAL 3 PHASE - 2/1 DELTA - 12 LEADS		
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				REFERENCE	SIZE A		DRAWING NUMBER EE7308AA-LE
			THIRD ANGLE PROJECTION	