

PRODUCT INFORMATION PACKET



Model No: 199064.00

Catalog No: 199064.00

Obsolete,

y B199064.00..25HP..1800RPM.284TC.TEFC.230/460V.3PH.60HZ.CONT.40C.1.15SF.RIGID-C.....GENERAL PURPC

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Nameplate Specifications

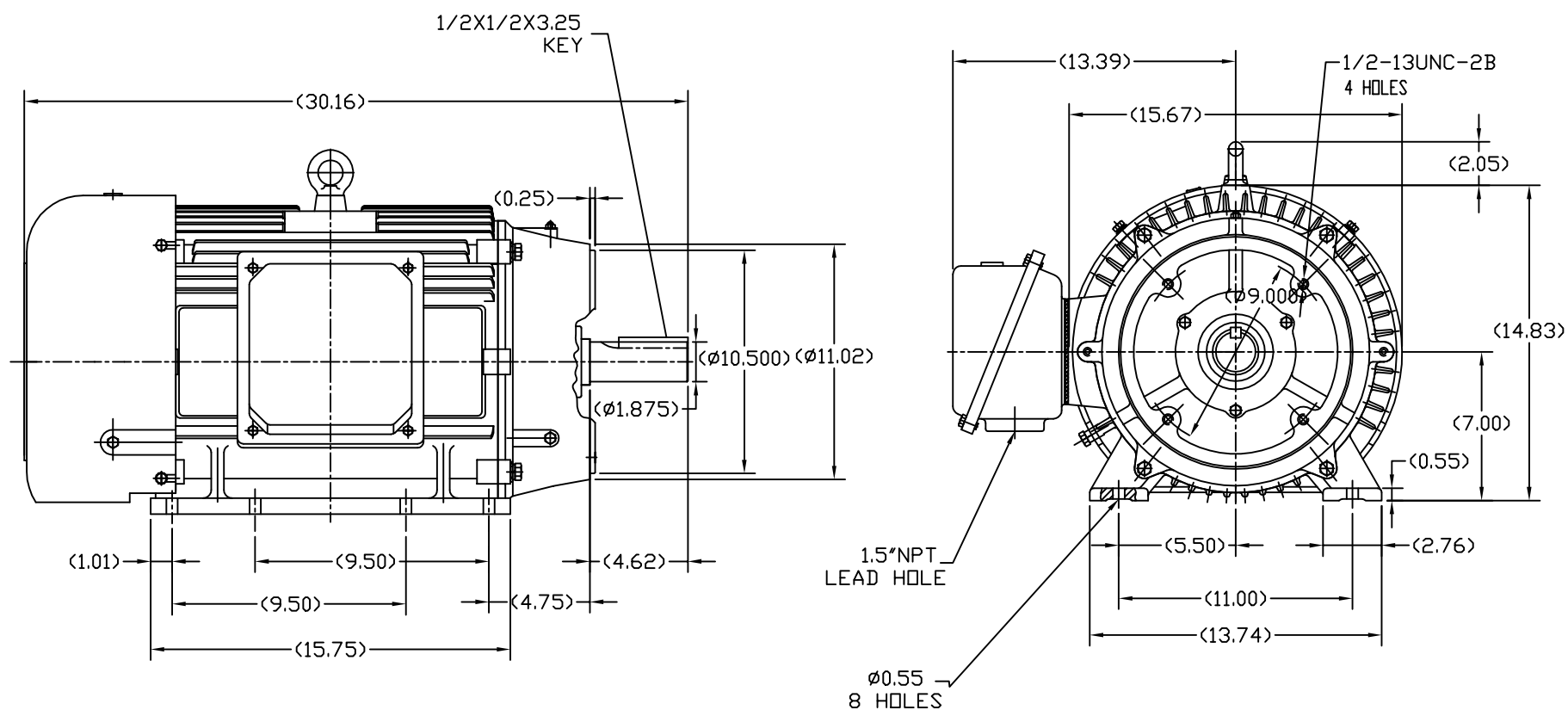
Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	230/460 & 190/380 V
Speed	1775 & 1478 rpm	Service Factor	1.15 & 1.0
Frame	284TC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	93.6 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	62/31 & 60/30 A	Power Factor	81
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	.255 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	SS620299-284TC	Connection Drawing	A-EE7308AA-LE

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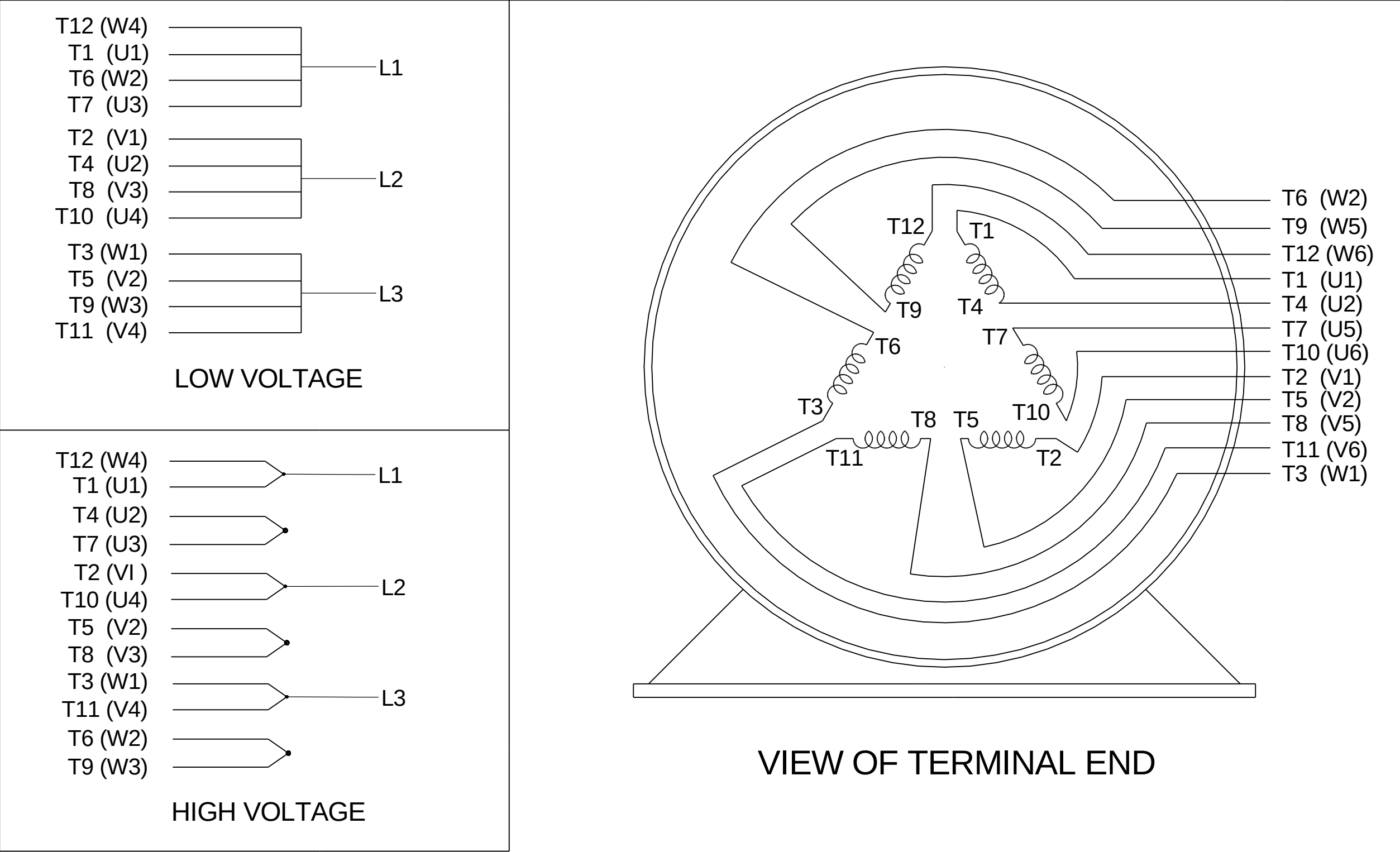
SS620299

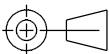


DRAWING MAY NOT BE TO SCALE

284TC	30.16	15.75	9.50
286TC	31.34	16.93	11.00
FRAME	C	B	2F

TOLERANCES UNLESS SPECIFIED		DEC. INCHES		REGAL-BELOIT CORPORATION		DRAWN SY 4-21-2010	
						CHK	HZJ 4-21-2010
						APPD	CL 4-21-2010
						SCALE	2=13
						REF	
						FMF	HWADA
						PREV	
ND.	REVISION	BY & DATE	CHK	ANG	FINISH	CAD FILE	SS620299
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				DIST		B	SS620299



DRAWING REVISION C		REVISION BY D.FROEHLICH	DATE 02-09-2015	TOLERANCES UNLESS OTHERWISE SPECIFIED: <table><tr><td>DEC.</td><td>INCH</td><td>mm</td><td>ANGLE</td></tr><tr><td>.X</td><td>±0.1</td><td>[±2.5]</td><td>±7° 30"</td></tr><tr><td>.XX</td><td>±0.02</td><td>[±0.51]</td><td></td></tr><tr><td>.XXX</td><td>±0.005</td><td>[±0.127]</td><td></td></tr><tr><td>.XXXX</td><td>±0.0005</td><td>[±0.0127]</td><td></td></tr></table> REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [±.076/.381] CORNER FILLETS: .02 [±.51] MACHINED SURFACES: 200 INCH ✓ mm ✓ mm SHOWN IN [BRACKETS]	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]		DRAWN BY HV		 Regal Beloit America, Inc.		
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ECO ECO-0070906		APPROVED BY MG	DATE 02-09-2015	DATE 06-08-20152	DESCRIPTION CONN DIAGRAM-EXTERNAL 3 PHASE - 2/1 DELTA - 12 LEADS																								
ECO DESCRIPTION UPDATED IEC CONNECTIONS				APPROVED BY DR																									
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				THIRD ANGLE PROJECTION			SIZE A	DRAWING NUMBER EE7308AA-LE		SHEET 1 OF 1																			