

PRODUCT INFORMATION PACKET



Model No: TCAP753AE251GAA009
Catalog No: R914
TCA 90S 6P 0.75kW 460V 60Hz B3 IP55

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Nameplate Specifications

Technical Specifications

Outline Drawing	SS621107	Connection Drawing	8442000085
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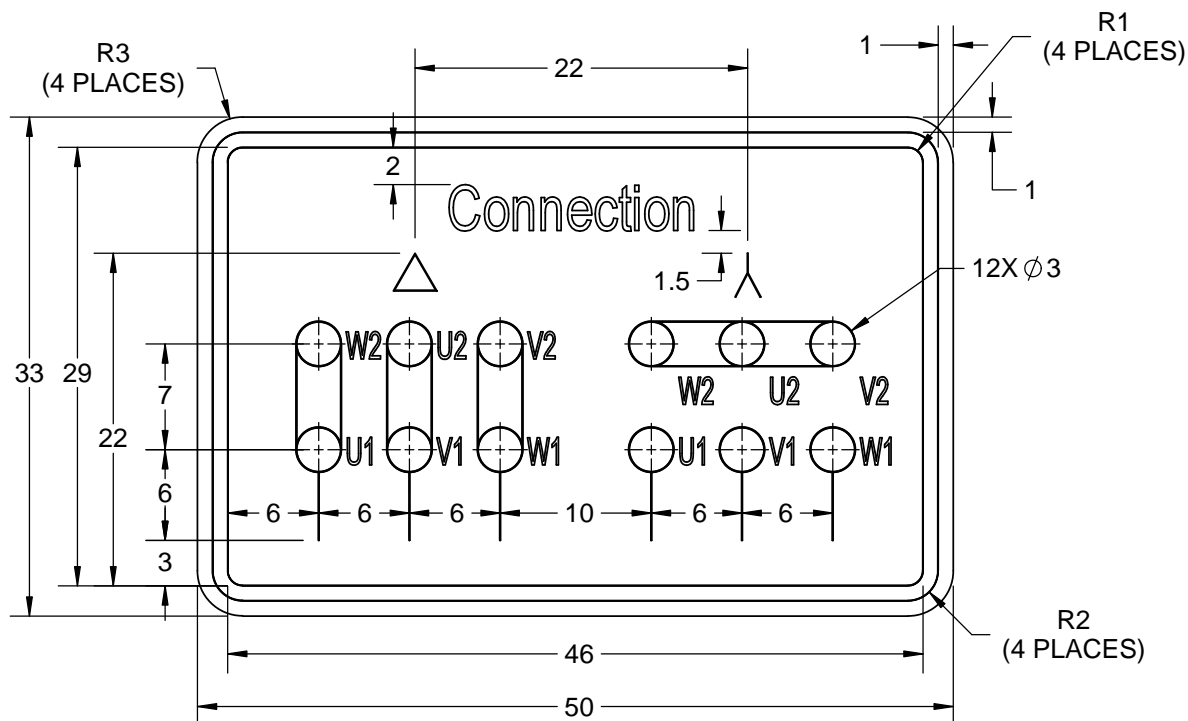
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ECO DESCRIPTION



GEOMETRIC TOLERANCE

LINEAR DIM	>0~6	±0.1
	>6~30	±0.2
	>30~120	±0.3



1. PRESSURE-SENSITIVE ADHESIVE COATED PAPER ON THE BACK OF SELF-ADHESIVE.
2. AT THE END OF YELLOW, WORDS, SYMBOLS, LETTERS ARE BLACK, BORDER IS BLACK.
3. THE TOLERANCE OF THE LINEAR SIZE OF THE TOLERANCE WITHOUT THE TOLERANCE BY THE TABLE.

8WD.442.2017

	DRAWN BY SN	 Regal Beloit America, Inc.		
	DATE 16/12/2016			
	APPROVED BY SBD	DESCRIPTION CONN DIAGRAM-NAMEPLATE		
	DATE 16/12/2016			
	REFERENCE	MATERIAL	PROCESS/FINISH	
	THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER 8442000085	

Data Sheet

Date: 6/14/2024
 Customer:
 Attention:
 Submitted by: VESHNU G



TCAP753AE251GAA009

Submittal

Data @ 460 V

Motor Load Data

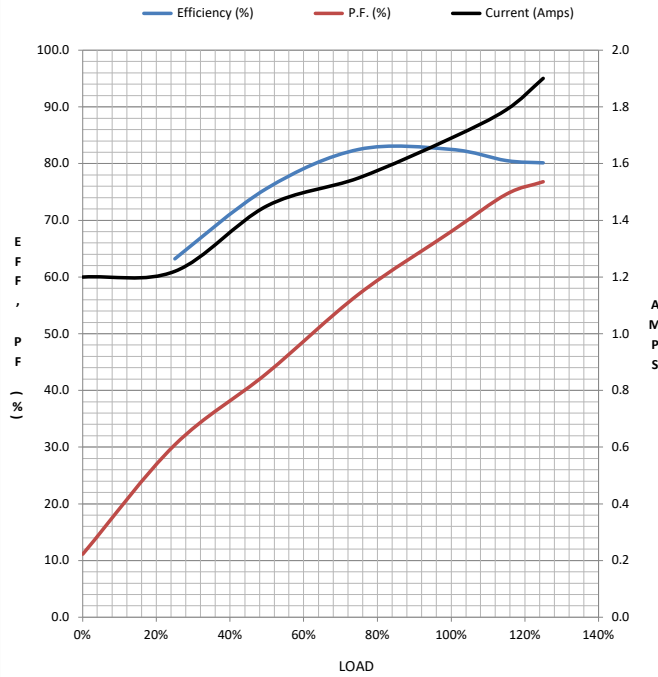
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.20	1.22	1.45	1.55	1.69	1.79	1.90	5.7	
Torque(ft-lb)	0.00	1.10	2.30	3.4	4.6	5.3	5.8	3.0	
RPM	1200	1186	1174	1162	1148	1,139	1132	0	
Efficiency (%)		63.2	75.6	82.5	82.5	80.5	80.1		
P.F. (%)	11.1	30.4	43.0	57.0	68.0	74.6	76.8	0	

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle
Speed (RPM)	0	574	1104	1148	1200
Current (Amps)	5.7	5.1	3.4	1.69	1.20
Torque(ft-lb)	3.0	2.55	3.3	4.6	0.00

Information Block

HP	1.00
Sync. RPM	1200
Frame	90S
Enclosure	TEFC
Construction	TFN
Voltage	460 V
Frequency	60 Hz
Design	N
LR Code letter	E
Service Factor	1.15
Temp Rise @ FL	80 ° C
Duty	CONT
Ambient	40 ° C
Elevation	3,300 feet
Rotor/Shaft wk²	0.00 Lb-Ft²
Ref Wdg	IE3L0906201
Sound Pressure @ 1M	51 dBA
VFD Rating	NA
Outline Dwg	SS621107
Conn. Diag	8442000085
Additional Specifications:	
EQUIV CKT (OHMS / PHASE)	
R1	R2
X1	X2
Xm	
0.0000	0.0000
0.0000	0.0000
0.0000	0.0000
0.0000	0.0000



Speed -Torque Curve

