PRODUCT INFORMATION PACKET

Model No: 254TTDBD6081
Catalog No: GT0317
Globetrotter® General Purpose Motor, 7.50 & 5 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 254TC Frame, DP

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Nameplate Specifications

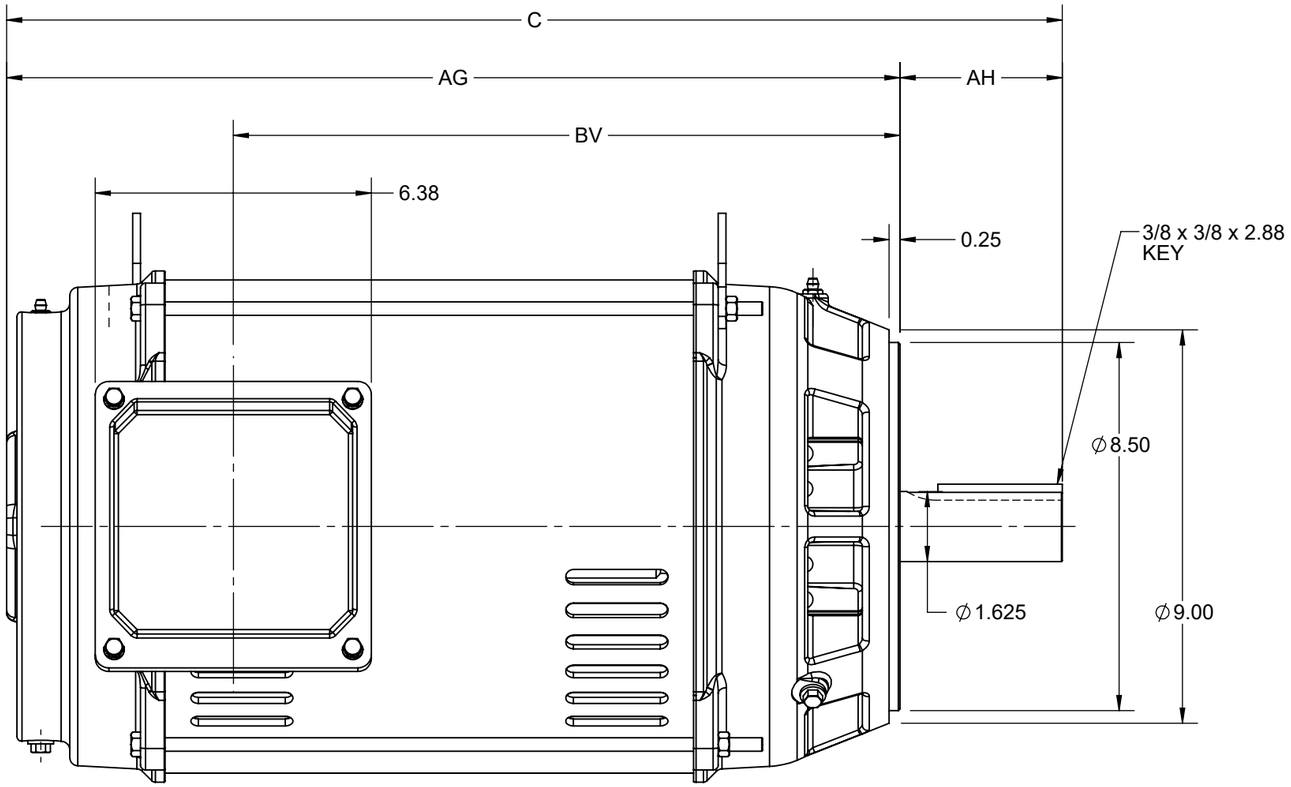
Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	1182 & 984 r/min	Service Factor	1.15 & 1.15
Frame	254TC	Enclosure	DP
Thermal Protection	NOT	Efficiency	90.2 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	20.2/10.1 & 17.6/8.8 A	Power Factor	77
Duty	CONTINUOUS	Insulation Class	F3
Design Code	B	KVA Code	H
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6208
UL	V - LI,ME-INS,CONST UL REC	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

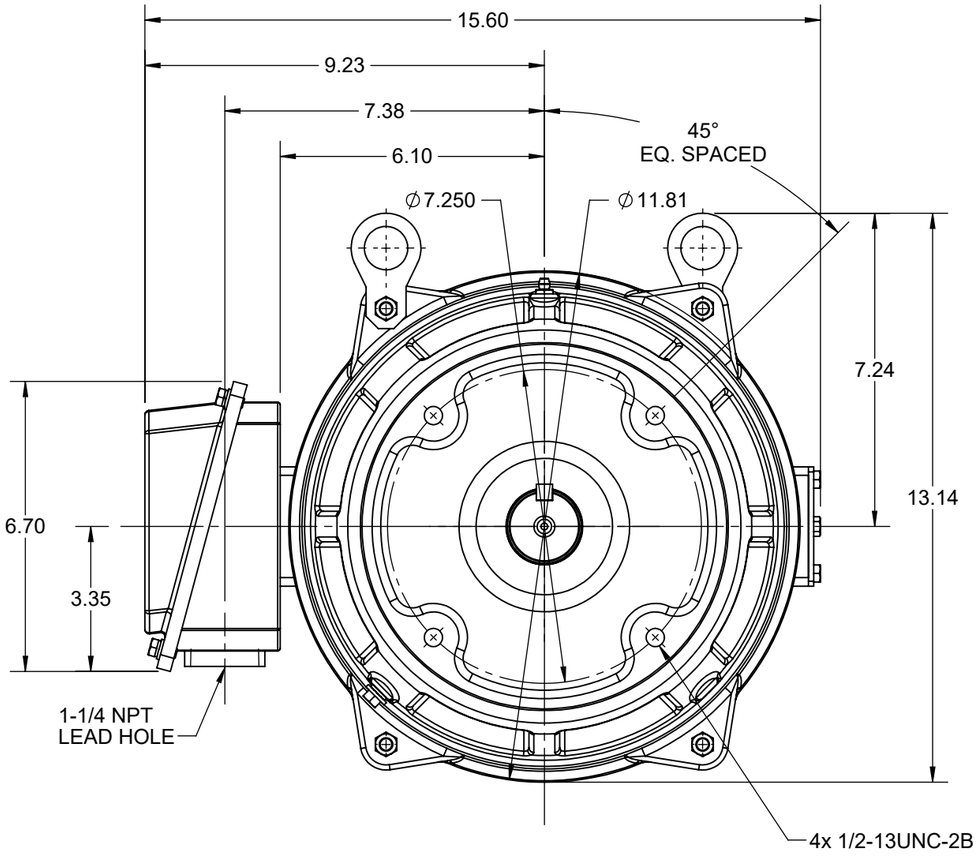
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	LINE OR INVERTER
Poles	6	Rotation	REV
Resistance Main	1.659 O	Mounting	ROUND
Motor Orientation	HORIZONTAL	Drive End Bearing	BALL
Opp Drive End Bearing	BALL	Frame Material	ROLLED STEEL
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Outline Drawing	SS621130-100	Connection Drawing	EE7308K

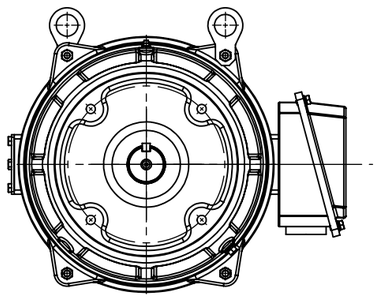
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DASH NO.	C	AG	AH	BV	MOUNTING	FRAME
100	22.81	19.06	3.75	13.82	F1 OR F2	254TC
200	24.38	20.63		15.40		256TC





F2 VIEW



DRAWING REVISION	REVISION BY	REV DATE/© DATE
D	MN	07/11/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023491	VS	07/11/2025

REQUEST NUMBER DESCRIPTION
F2 MOUNTING PLATE ADDED

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	±0.1	[±3]	±7' 30"
.XX	±0.03	[±0.8]	
.XXX	±0.005	[±0.13]	
.XXXX	±0.0005	[±0.013]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 / 5.1 / INCH / mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	VS
DATE	01-02-2021
APPROVED BY	GNK
DATE	01-02-2021
REFERENCE	

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DESCRIPTION
OUTLINE
254/256TC FR NEMA ODP RS

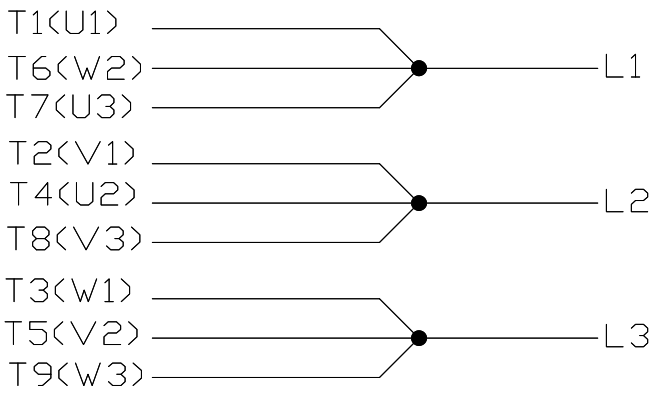
MATERIAL	PROCESS/FINISH

THIRD ANGLE PROJECTION

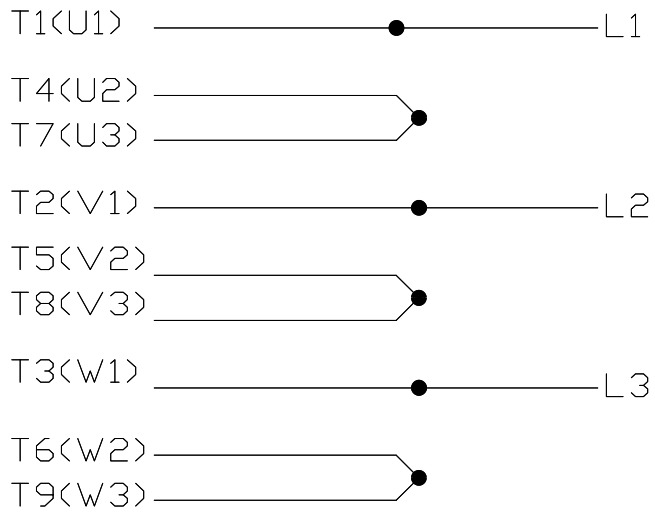
SIZE	DRAWING NUMBER	SHEET
B	SS621130	1 OF 1

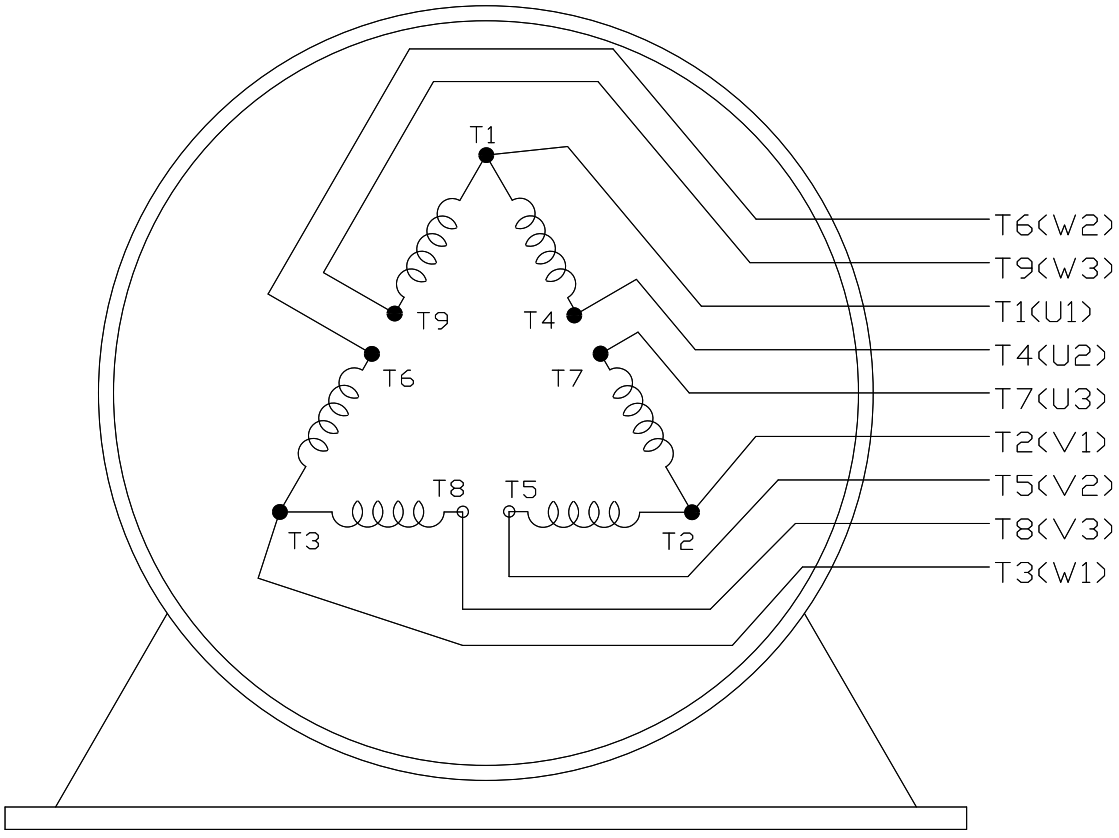
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LOW VOLTAGE



HIGH VOLTAGE





VIEW OF TERMINAL END

DRAWING REVISION: F	REVISION BY: SB	REV DATE/ © DATE: 08/01/2025	DRAWN BY: PGK	marathon™
REQUEST NUMBER: CR-0023654	APPROVED BY: SBD	DATE: 08/01/2025	DATE: 06/04/1997	
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED			APPROVED BY: GK	DESCRIPTION: CONN DIAGRAM-EXTERNAL DELTA CON. - 3ø - 9 LEADS
			DATE: 06/15/1997	
			REFERENCE	MATERIAL / PROCESS/FINISH
			THIRD ANGLE PROJECTION	SIZE: A / DRAWING NUMBER: EE7308K / SHEET: 1 OF 1

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