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General Purpose Motors

Model No: 256TTFCD6077
Catalog No: GT1020A-P

General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 256T Frame, TEFC

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Product Information Packet: Model No: 256TTFCD6077, Catalog No: GT1020A-P General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 256T Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**10 & 7.50 Hp**
Output KW	**7.5 & 5.6 kW**	Voltage	**230/460 & 190/380 V**
Speed	**1180 & 980 r/min**	Synchronous RPM	**1200 & 1000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**256T**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91 & 90.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**25.8/12.9 & 24/12 A**
Power Factor	**80.5**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6209**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

Technical Specifications

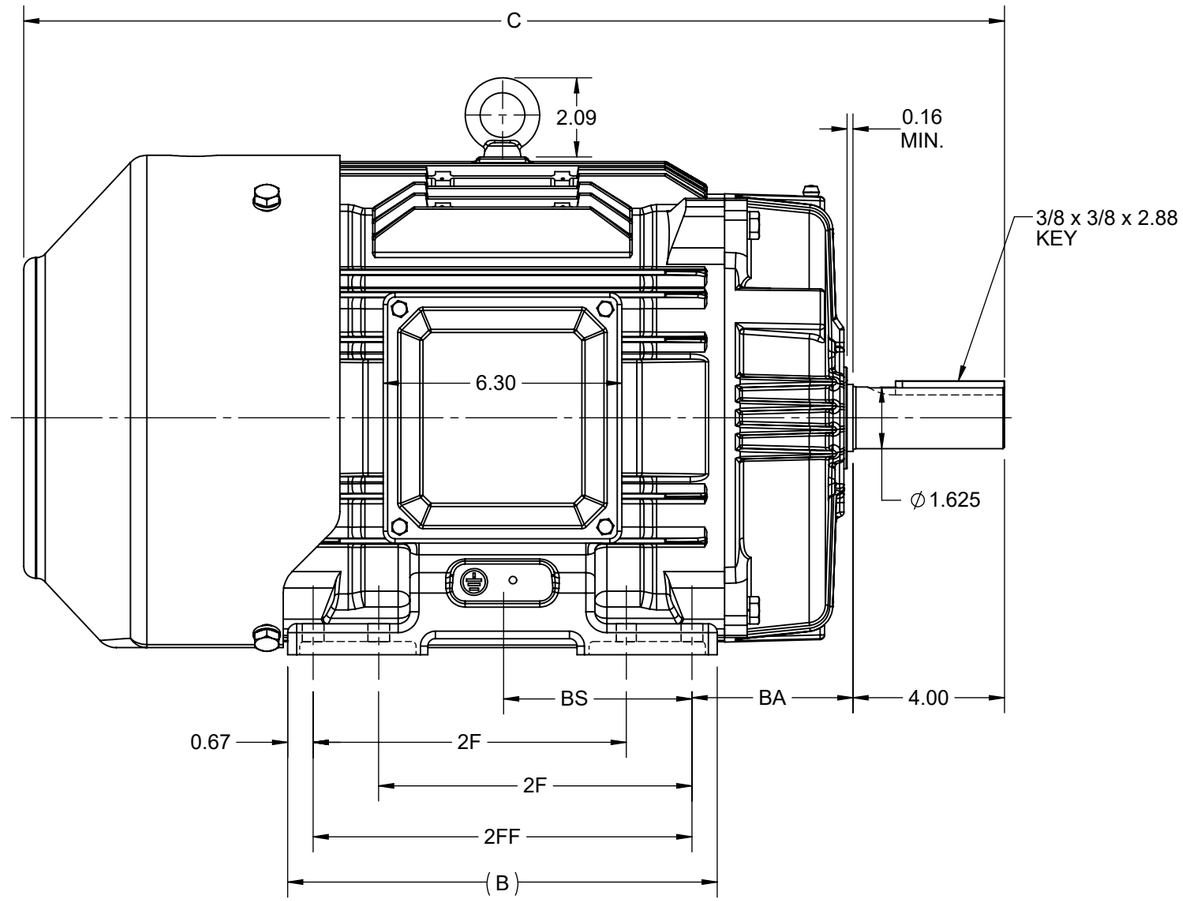
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**6**	Rotation	**Reversible**
Resistance Main	**1.21 O**	Mounting	**Rigid Base**
Motor Orientation	**Horizontal**	Drive End Bearing	**Ball**
Opp Drive End Bearing	**Ball**	Frame Material	**Cast Iron**
Shaft Type	**T**	Shaft Diameter	**1.625 in**
Assembly/Box Mounting	**F1/F2 Capable**	Inverter Load	**Constant 10:1/Variable 10:1**

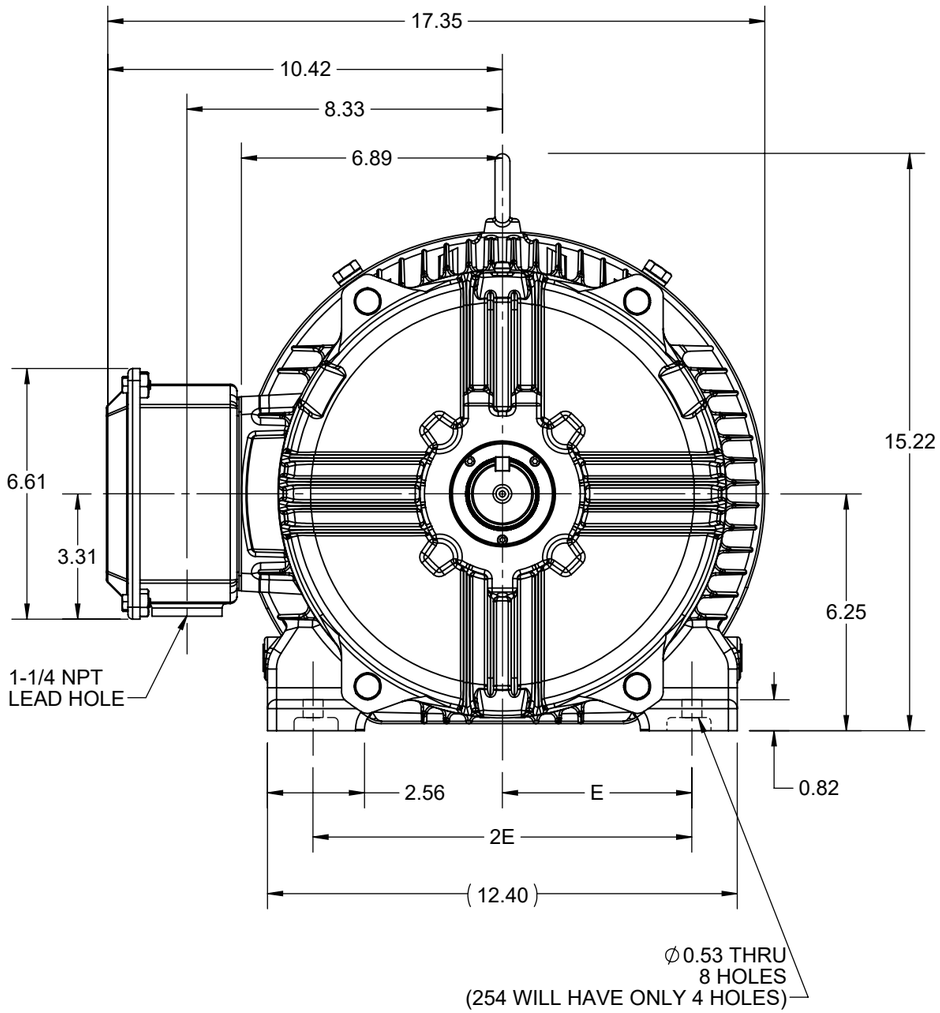
Drawings

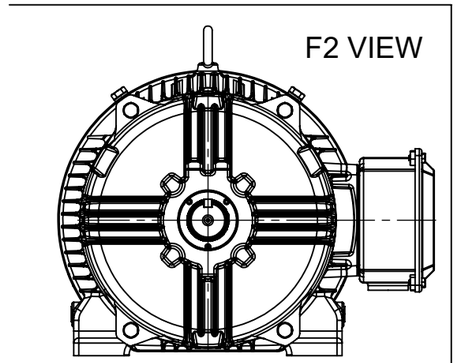
Connection Drawing	**EE7308K**	Outline Drawing	**SS620703-200**

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DASH NO.	B	C	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	9.60	24.15	5.00	10.00	-	8.25	4.25	4.13	F1 OR F2	254T
200	11.34	25.89			8.25	10.00		5.00		254/256T







DRAWING REVISION	REVISION BY	REV DATE/© DATE
E	SB	07/22/2025
REQUEST NUMBER	APPROVED BY	DATE
CR-0023556	SBD	07/22/2025

REQUEST NUMBER DESCRIPTION
DRAWING TITLE BLOCK UPDATED

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DATE	4/5/2015
APPROVED BY	KRK
DATE	4/5/2015
REFERENCE	
THIRD ANGLE PROJECTION	

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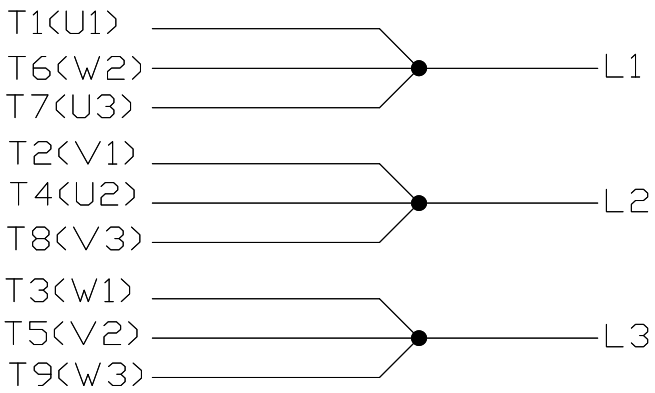
DESCRIPTION
OUTLINE
254/256T FR-TEFC-CAST IRON

MATERIAL | PROCESS/FINISH

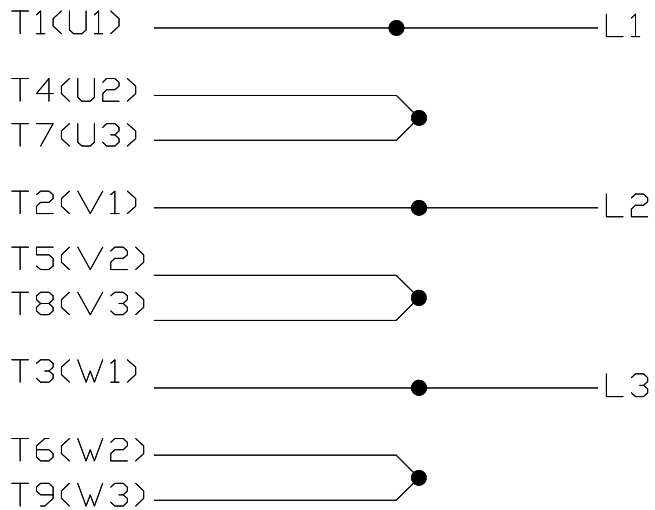
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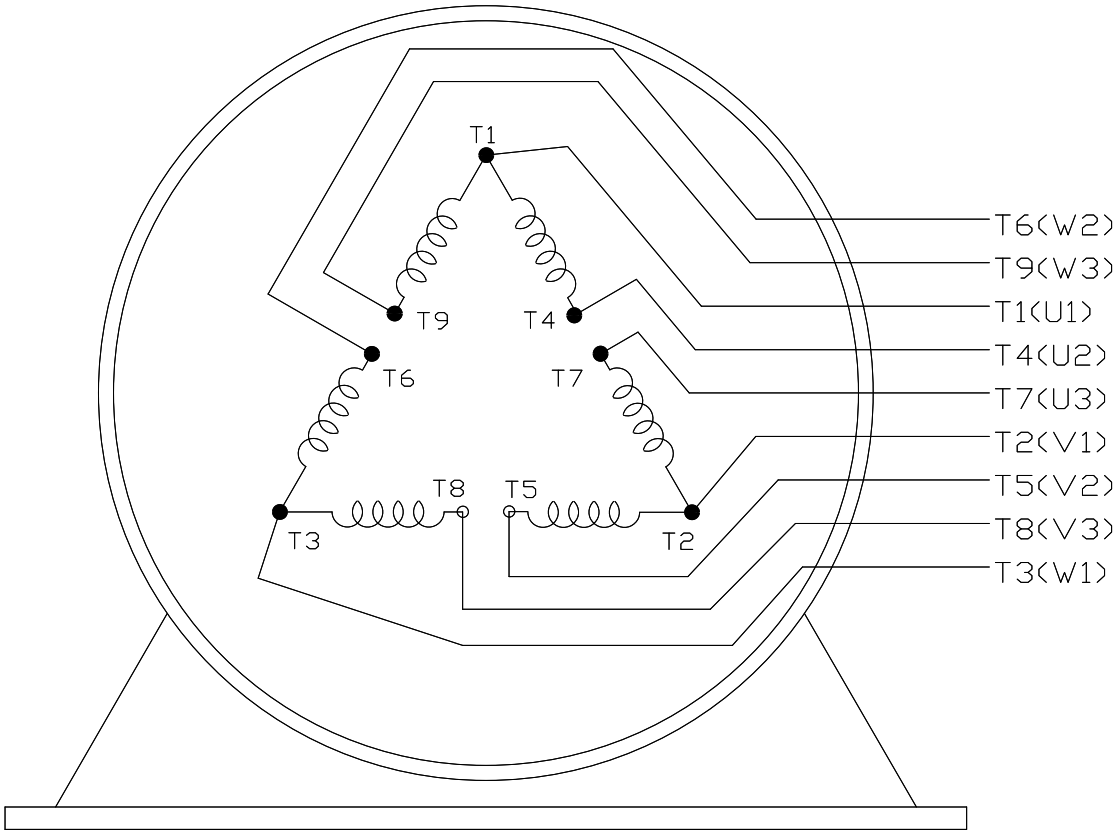
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LOW VOLTAGE



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 4 of 4	SHEET: 1 OF 1

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