

Close-Coupled Pump Motors

Model No: 254TTFCD6072

Catalog No: GT3122A-P

Close-Coupled Pump Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 254JM
Frame, TEFC

Product Information Packet: Model No: 254TTFC6072, Catalog No: GT3122A-P Close-Coupled Pump Motor, 15 & 10 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 254JM Frame, TEFC

Nameplate Specifications

Phase	3	Output HP	15 & 10 Hp
Output KW	11.2 & 7.5 kW	Voltage	230/460 & 190/380 V
Speed	1770 & 1478 r/min	Synchronous RPM	1800 & 1500 r/min
Service Factor	1.15 & 1.15	Frame	254JM
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	92.4 & 91.2 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	37/18.4 & 31/15.5 A
Power Factor	83	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

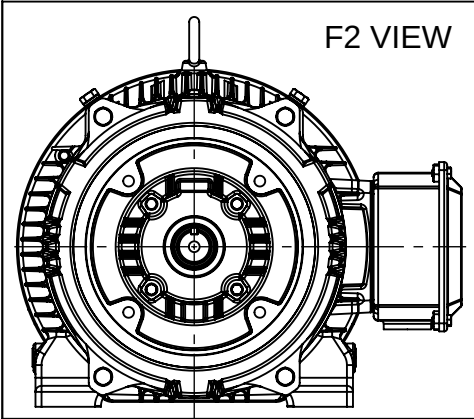
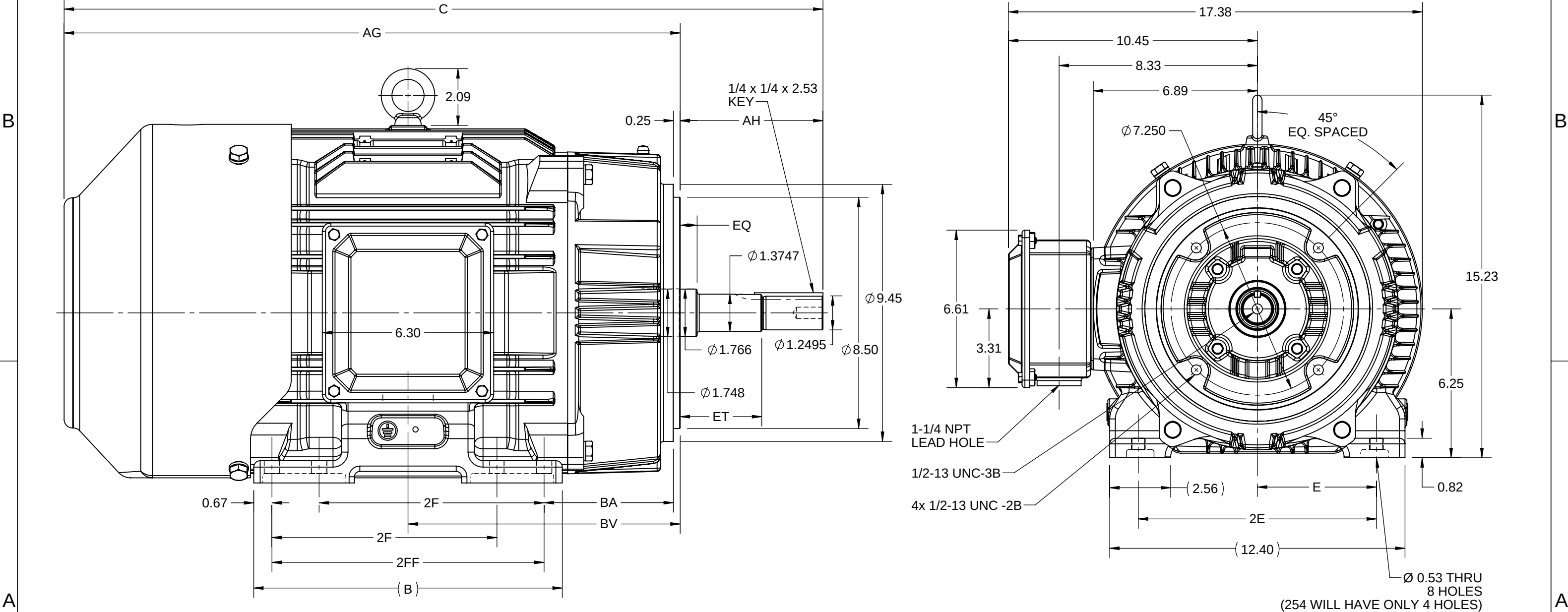
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.713 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Shaft Diameter	1.375 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 10:1/Variable 10:1

Drawings

Connection Drawing	EE7308K	Outline Drawing	SS620795-100
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4					3						2				1
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	EQ	ET	MOUNTING	FRAME	
100	9.60	26.16	5.00	10.00	---	8.25	20.91	5.25	4.75	9.75	0.62	2.99	F1 OR F2	254JM	
200	11.34	27.89			8.25	10.00	22.64			10.50				254/256JM	

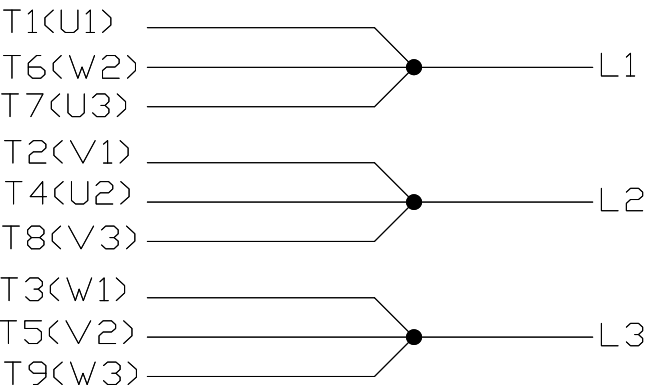


DRAWING REVISION D	REVISION BY SB	REV DATE/© DATE 05/26/2026
REQUEST NUMBER CR-0026396	APPROVED BY RMS	DATE 05/26/2026
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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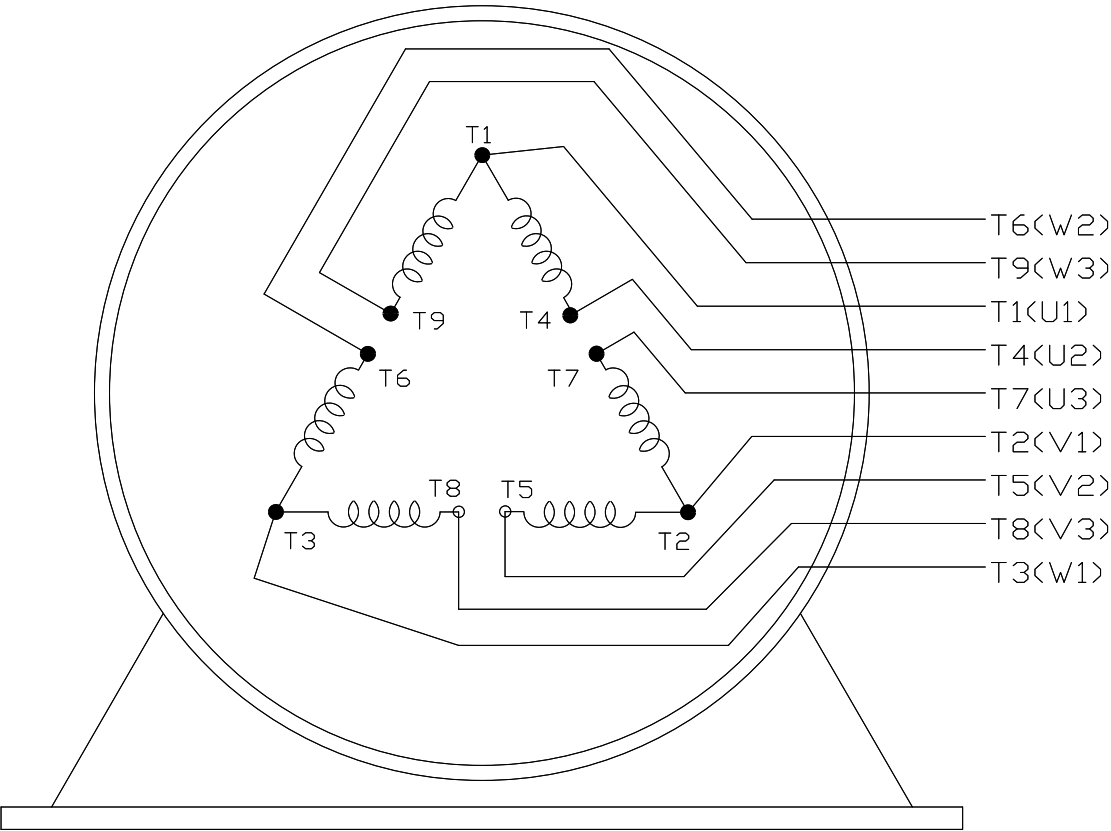
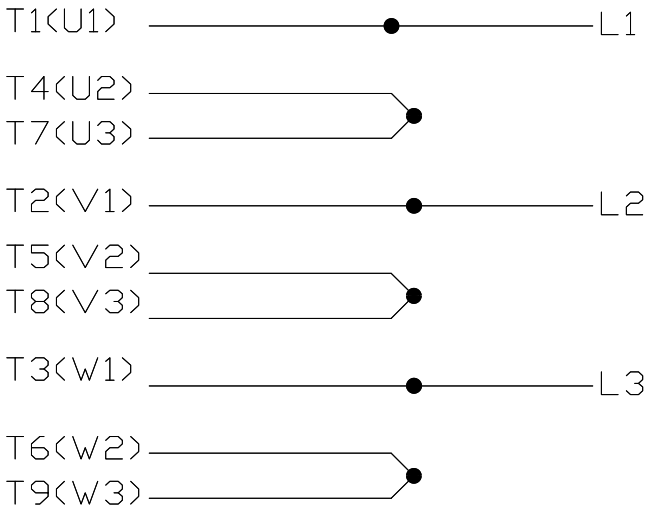
PRIMARY DIMENSIONS ARE INCH
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DRAWN BY SN	marathon™		
DATE 12/04/2017			
APPROVED BY SBD	DESCRIPTION OUTLINE		
DATE 12/04/2017	TEFC-254/256 JM FR--CAST IRON		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS620795	SHEET 1 OF 1

LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION F	REVISION BY SB	REV. DATE/ © DATE 08/01/2025	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	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				
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				REFERENCE	MATERIAL			PROCESS/FINISH	
							THIRD ANGLE PROJECTION		SIZE A