

General Purpose Motors

Model No: 404TTDCD6086

Catalog No: GT0041A

General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 404T Frame,
DP

Product Information Packet: Model No: 404TTDCD6086, Catalog No: GT0041A General Purpose Motor, 60 & 50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 RPM, 404T Frame, DP

Nameplate Specifications

Phase	3	Output HP	60 & 50 Hp
Output KW	45.0 & 37.0 kW	Voltage	230/460 & 190/380 V
Speed	1188 & 988 r/min	Synchronous RPM	1200 & 1000 r/min
Service Factor	1.15 & 1.15	Frame	404T
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	94.5 & 93.9 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	141/70.5 & 142/71 A
Power Factor	84.5	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Drive End Bearing Size	6316
Opp Drive End Bearing Size	6315	UL	Recognized
CSA	Y	CE	Y
IP Code	22	Number of Speeds	1

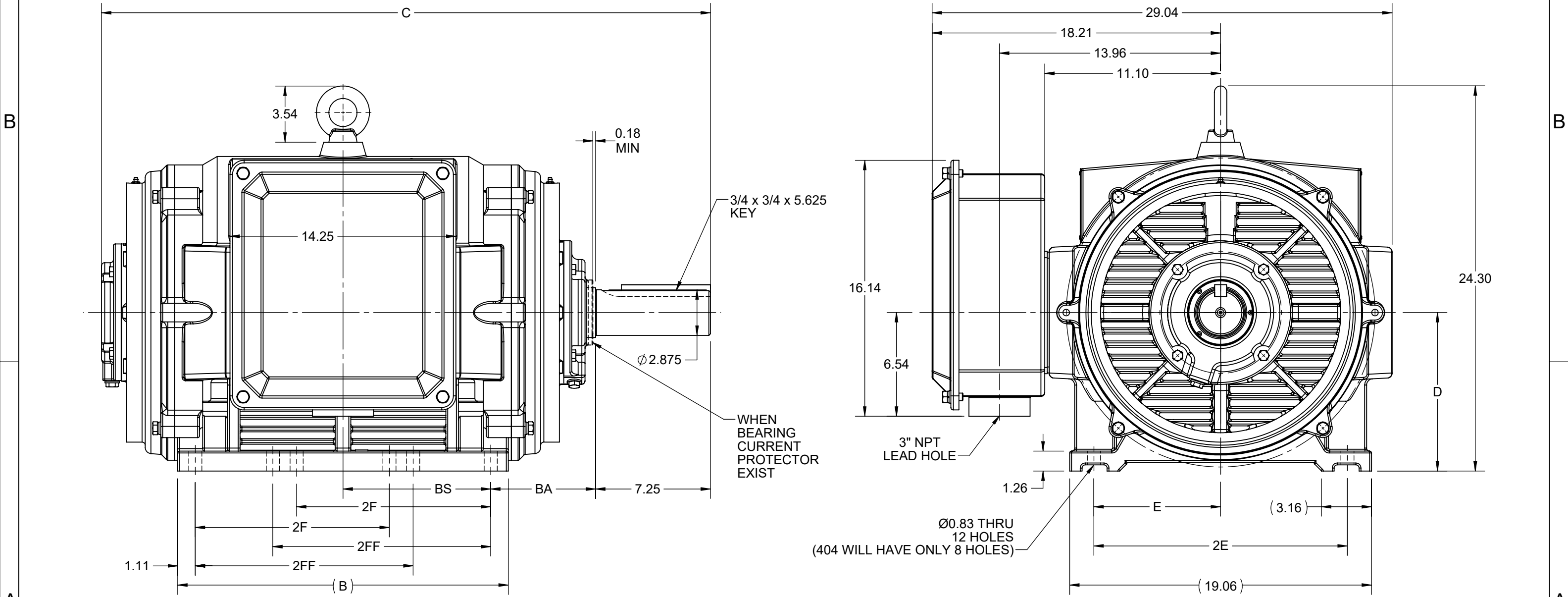
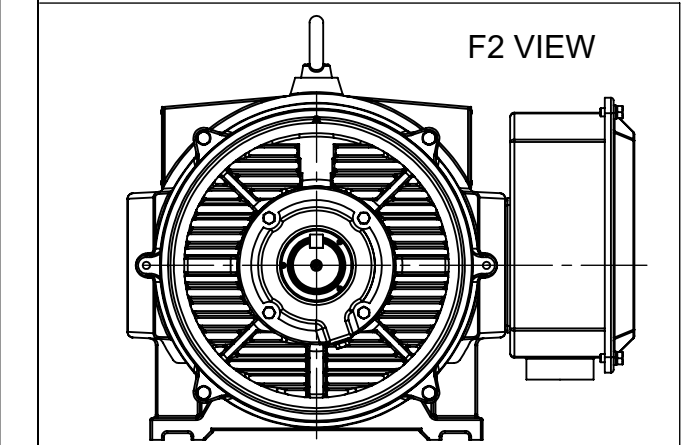
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.1314 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	37.2 in
Shaft Diameter	2 7/8 in	Shaft Extension	7.25 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Variable 10:1

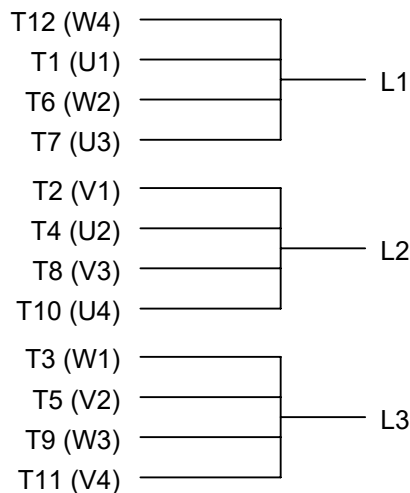
Drawings

Connection Drawing	EE7308AA	Outline Drawing	SS620754-100
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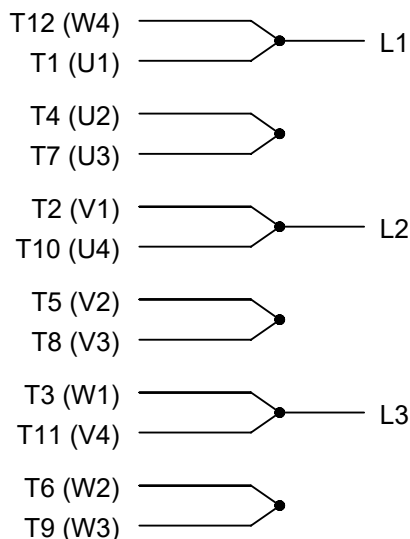
4				3				2				1
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	19.29	36.86	10.00	8.00	16.00	---	12.25	6.62	8.54	F1 OR F2	404T	
200	20.87	38.43				12.25	13.75		9.32		404/405T	



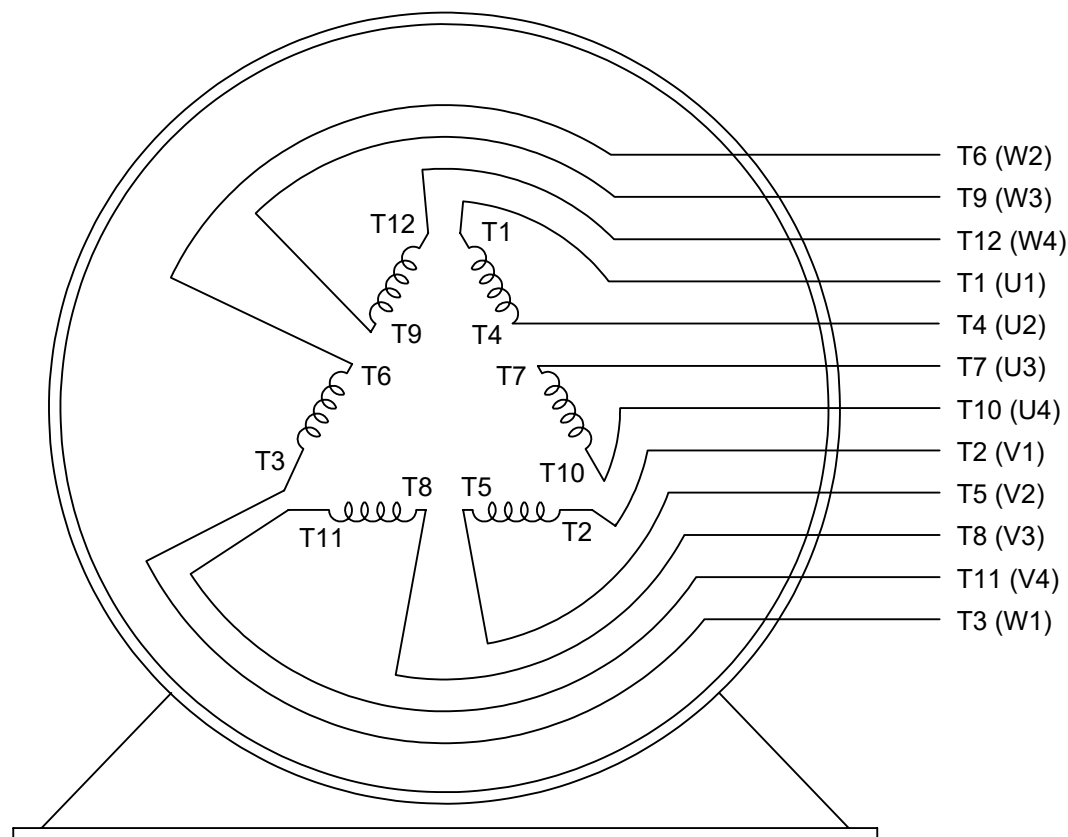
DRAWING REVISION D		REVISION BY SB		REV DATE/© DATE 07/23/2025		PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY WY		marathon™			
REQUEST NUMBER CR-0023556		APPROVED BY SBD		DATE 07/23/2025			DATE 21/07/2016					
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED							APPROVED BY		DESCRIPTION			
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							REFERENCE		MATERIAL		PROCESS/FINISH	
							THIRD ANGLE PROJECTION				SIZE B	DRAWING NUMBER SS620754



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION L	REVISION BY SB	REV DATE/© DATE 08/01/2025
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/01/2025
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DRAWN BY LZ			
DATE 01-12-1994			
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL		
DATE 01-14-1994	3Ø-2/1 DELTA-12 LEADS		
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7308AA	SHEET 1 OF 1

