

General Purpose Motors

Model No: 405TTDCD6060

Catalog No: GT0049A

General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 RPM, 405T Frame, DP

Product Information Packet: Model No: 405TTDCD6060, Catalog No: GT0049A General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 RPM, 405T Frame, DP

Nameplate Specifications

Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	460 & 380 V
Speed	1785 & 1485 r/min	Synchronous RPM	1800 & 1500 r/min
Service Factor	1.15 & 1.15	Frame	405T
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	95.4 & 95 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	142 & 138 A
Power Factor	86	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

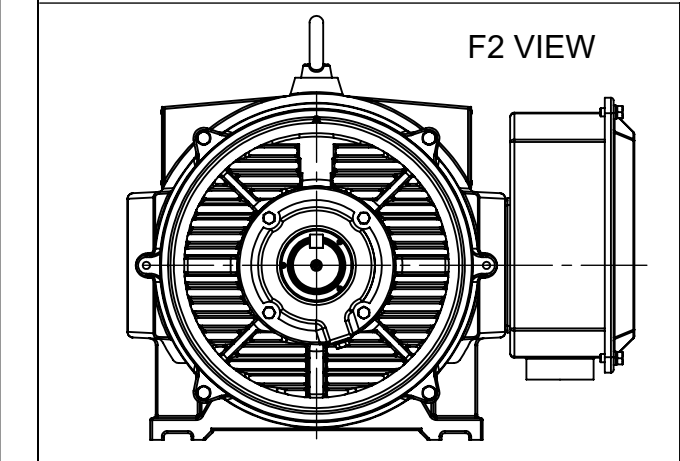
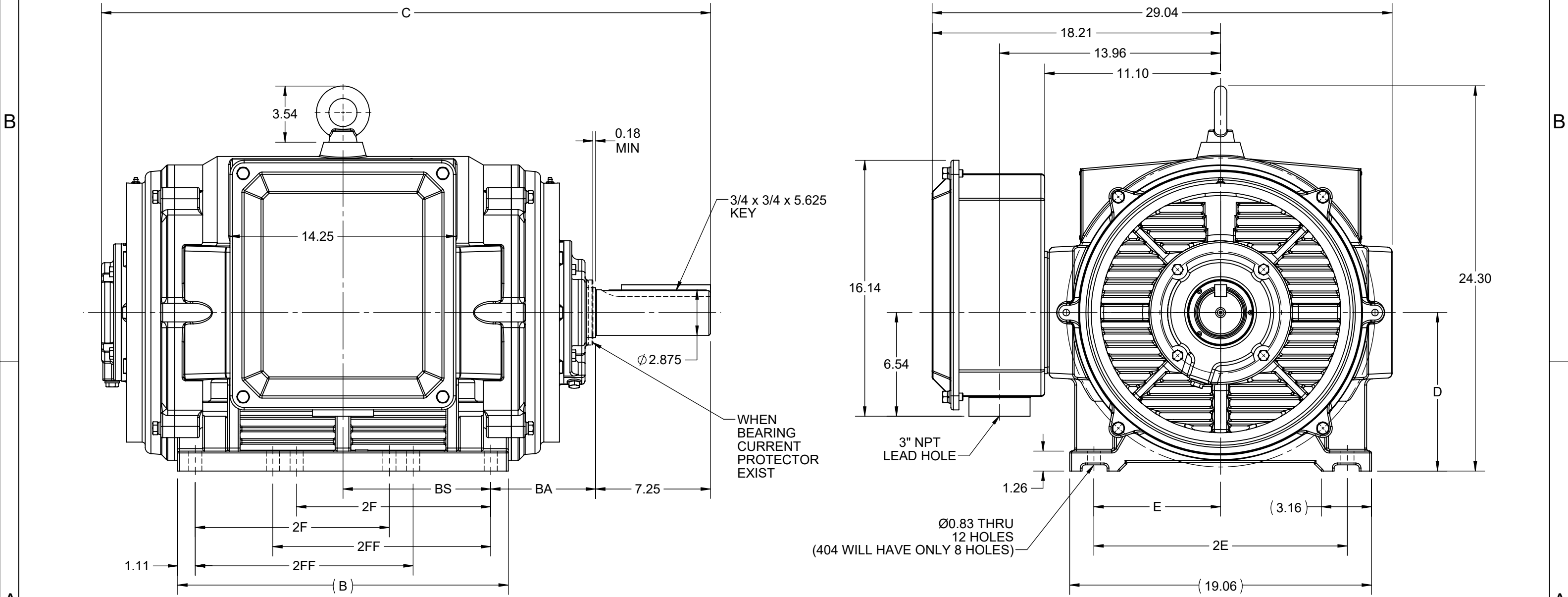
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.044 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	38.78 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	EE7340	Outline Drawing	SS620754-200
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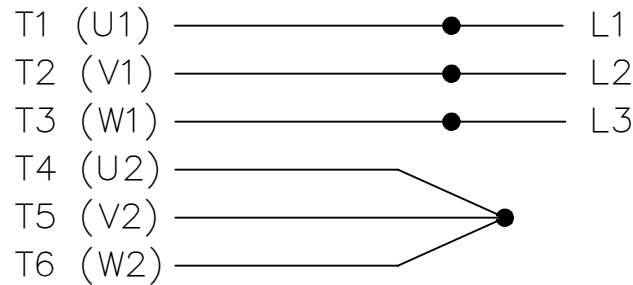
4				3				2				1
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	19.29	36.86	10.00	8.00	16.00	---	12.25	6.62	8.54	F1 OR F2	404T	
200	20.87	38.43				12.25	13.75		9.32		404/405T	



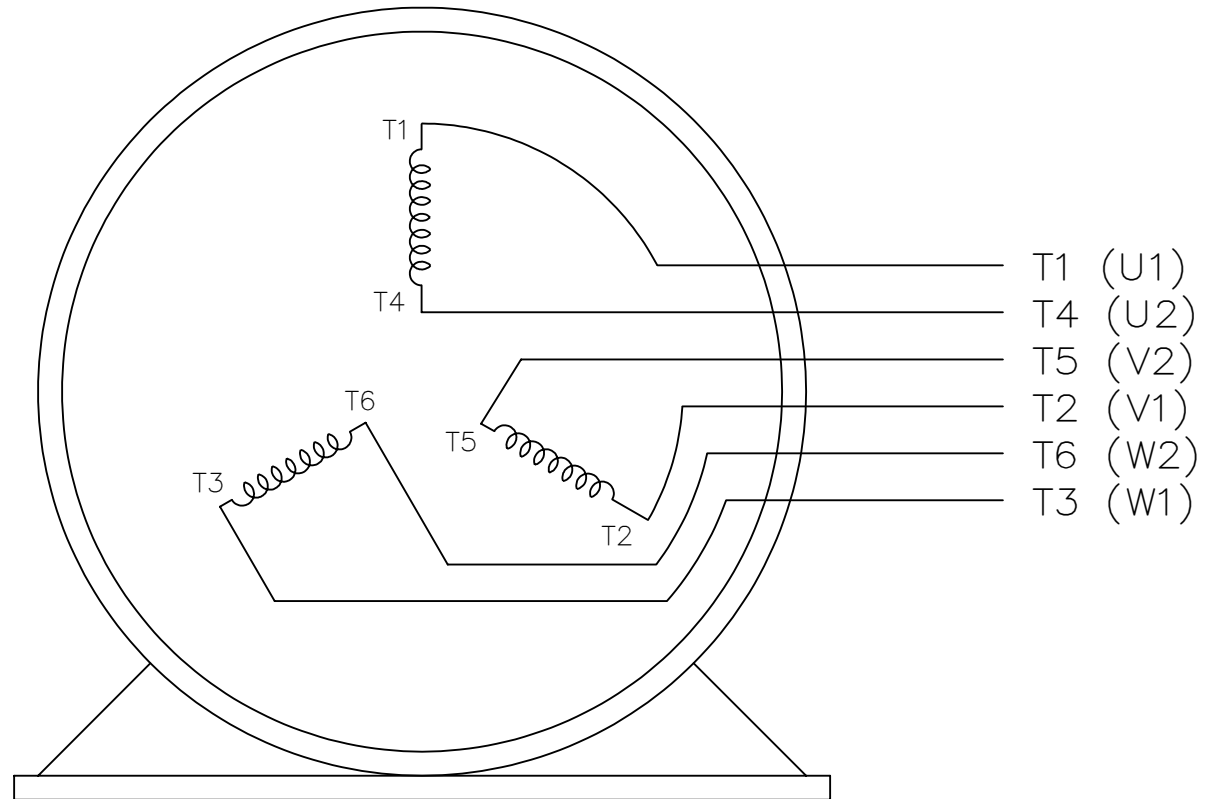
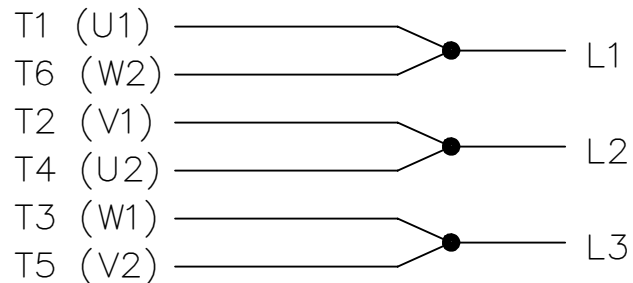
DRAWING REVISION D		REVISION BY SB		REV DATE/© DATE 07/23/2025		PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY WY		marathon™			
REQUEST NUMBER CR-0023556		APPROVED BY SBD		DATE 07/23/2025			DATE 21/07/2016					
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED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

THREE PHASE WYE START DELTA RUN

START



RUN



VIEW OF TERMINAL END

DRAWING REVISION G	REVISION BY SB	REV DATE/© DATE 08/04/2025	PRIMARY DIMENSIONS ARE INCH mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY	DRAWN BY LZ	marathon™		
REQUEST NUMBER CR-0023654	APPROVED BY SBD	DATE 08/04/2025		DATE 01-06-1994			
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED				APPROVED BY GK	DESCRIPTION CONNECTION DIAGRAM 3 Ø - WYE START DELTA RUN		
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				REFERENCE	MATERIAL	PROCESS/FINISH	
			THIRD ANGLE PROJECTION		SIZE A	DRAWING NUMBER EE7340	SHEET 1 OF 1

