

General Purpose Motors

Model No: 284TTDBD6070

Catalog No: GT0065-P

General Purpose Motor, 25 & 20 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 284T Frame,
DP

Product Information Packet: Model No: 284TTDBD6070, Catalog No: GT0065-P General Purpose Motor, 25 & 20 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 284T Frame, DP

Nameplate Specifications

Phase	3	Output HP	25 & 20 Hp
Output KW	18.7 & 14.9 kW	Voltage	230/460 & 190/380 V
Speed	1775 & 1475 r/min	Synchronous RPM	1800 & 1500 r/min
Service Factor	1.15 & 1.15	Frame	284T
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	93.6 & 92.6 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	63/31.5 & 61/30.5 A
Power Factor	80	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Drive End Bearing Size	6311
Opp Drive End Bearing Size	6210	UL	Recognized
CSA	Y	CE	Y
IP Code	22	Number of Speeds	1

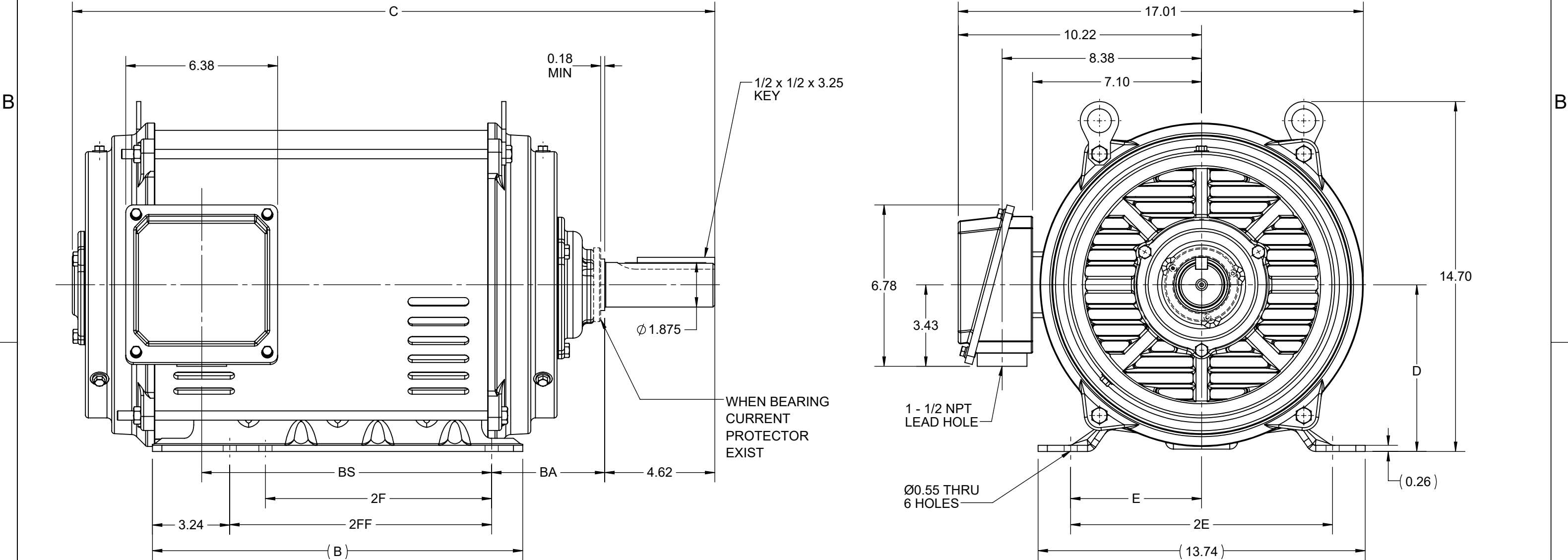
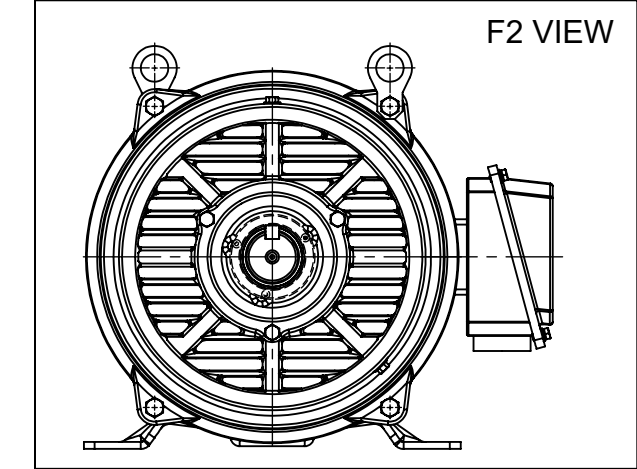
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Low Volt Only & Wye Start Delta Run Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.3745 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Shaft Diameter	1.875 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 2:1/Variable 10:1

Drawings

Connection Drawing	EE7308AA	Outline Drawing	SS620687-100
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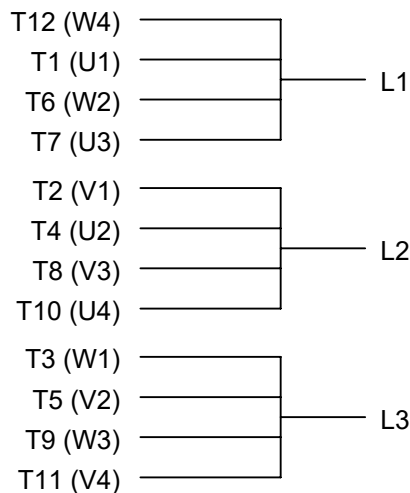
4				3				2			1
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	15.55	25.60	7.00	5.50	11.00	9.50	11.00	4.75	10.80	F1 OR F2	284T
200		26.98							12.18		286T



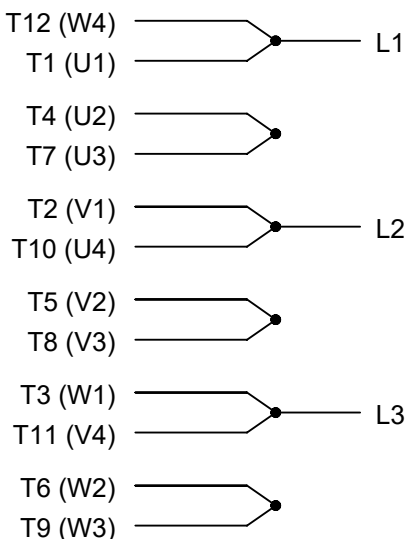
DRAWING REVISION F	REVISION BY SB	REV DATE/© DATE 07/22/2025
REQUEST NUMBER CR-0023556	APPROVED BY SBD	DATE 07/22/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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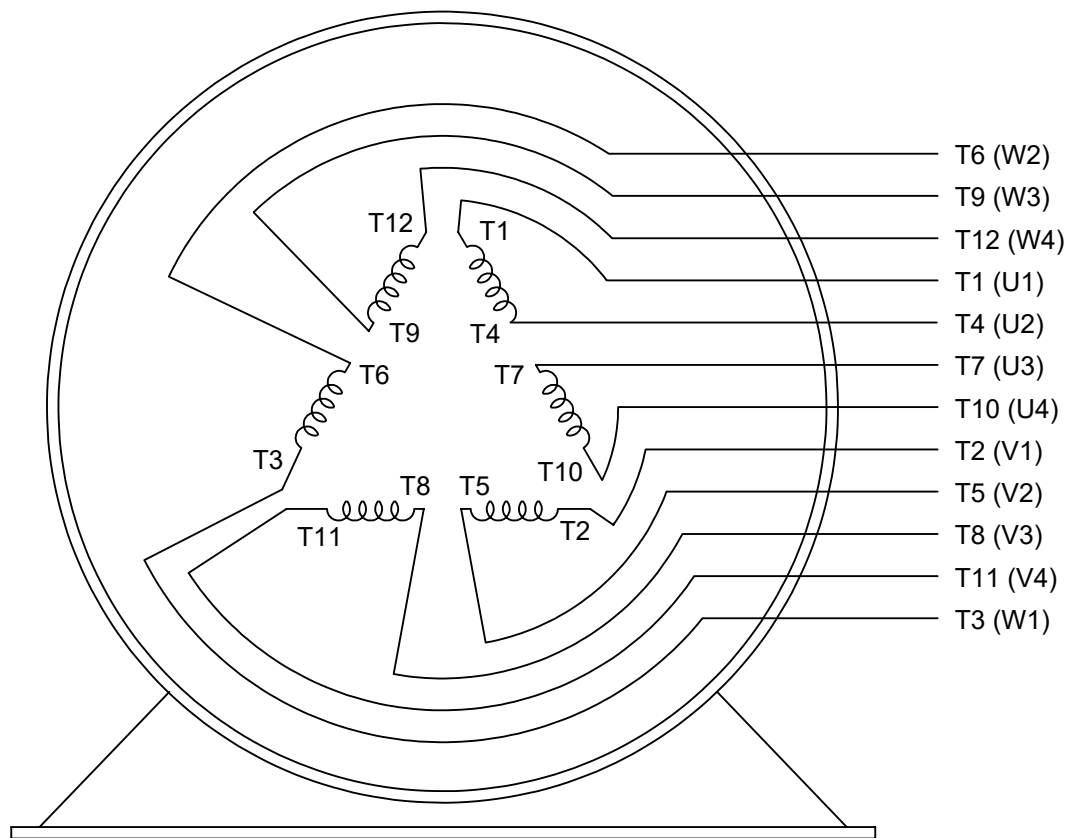
DRAWN BY XZ	marathon™		
DATE 17/04/2017			
APPROVED BY	DESCRIPTION OUTLINE 284/286T FR NEMA ODP RS		
DATE			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS620687	SHEET 1 OF 1



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	marathon™		
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