

Brake Motors

Model No: 184TTTHD16038

Catalog No: C406A

Brake Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 184TC Frame, TENV

Product Information Packet: Model No: 184TTTHD16038, Catalog No: C406A Brake Motor, 5 & 3 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 184TC Frame, TENV

Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1755 & 1468 r/min	Synchronous RPM	1800 & 1500 r/min
Service Factor	1.00 & 1.00	Frame	184TC
Enclosure	Totally Enclosed Non Ventilated	Thermal Protection	No Protection
Efficiency	89.5 & 89 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	12.4/6.2 & 9.6/4.8 A
Power Factor	83	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	J	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6306	UL	Recognized
CSA	Y	CE	Y
IP Code	55	Number of Speeds	1

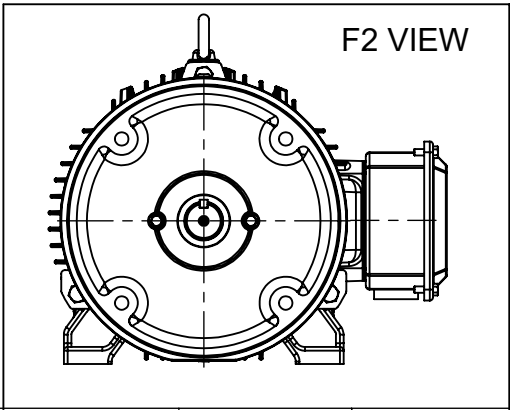
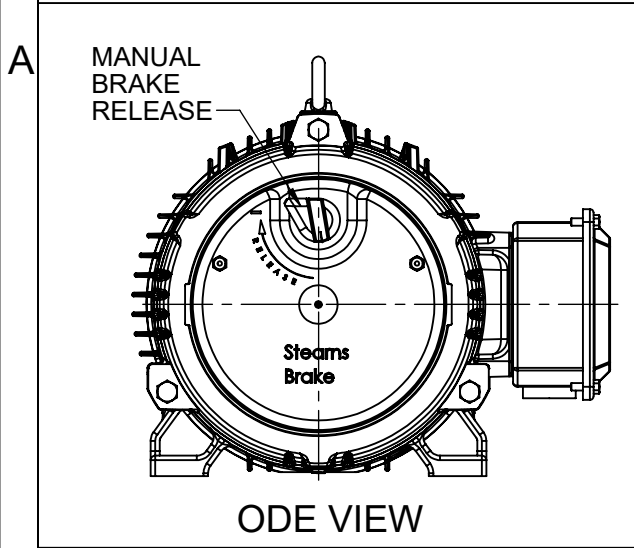
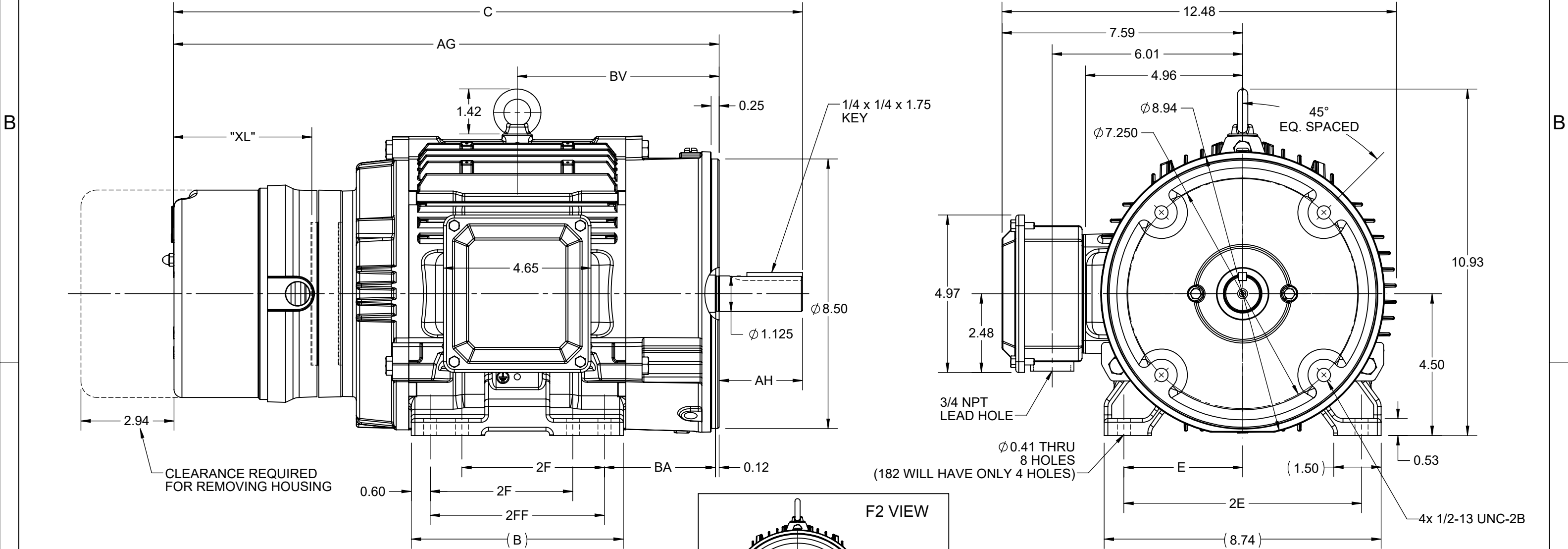
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	2.435 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Aluminum
Shaft Type	T	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1/F2 Capable	Inverter Load	Constant 10:1/Variable 10:1

Drawings

Connection Drawing	EE7308	Outline Drawing	SS621250-200
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4					3					2		1
DASH NO.	B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING	FRAME
100	5.67	18.85	3.75	7.50	---	4.50	16.22	2.62	3.50	5.87	F1 OR F2	182TC
200	6.69	19.85			4.50	5.50	17.22			6.37		182/184TC



BRAKE TORQUE	"XL"
15 LB - FT	4.06
20 LB - FT	4.50
25 LB - FT	4.50

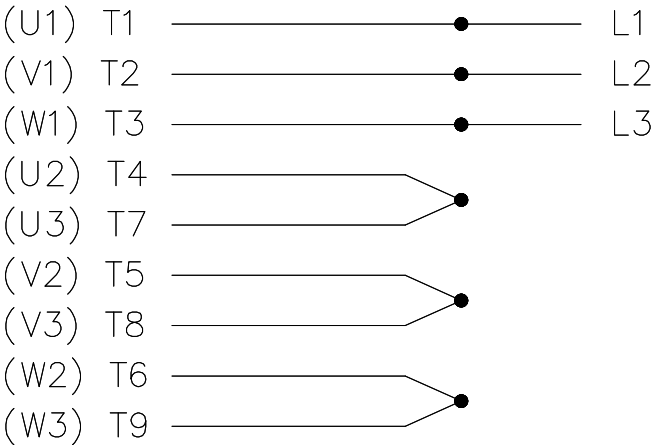
DRAWING REVISION C	REVISION BY SB	REV DATE/© DATE 07/24/2025
REQUEST NUMBER CR-0023556	APPROVED BY SBD	DATE 07/24/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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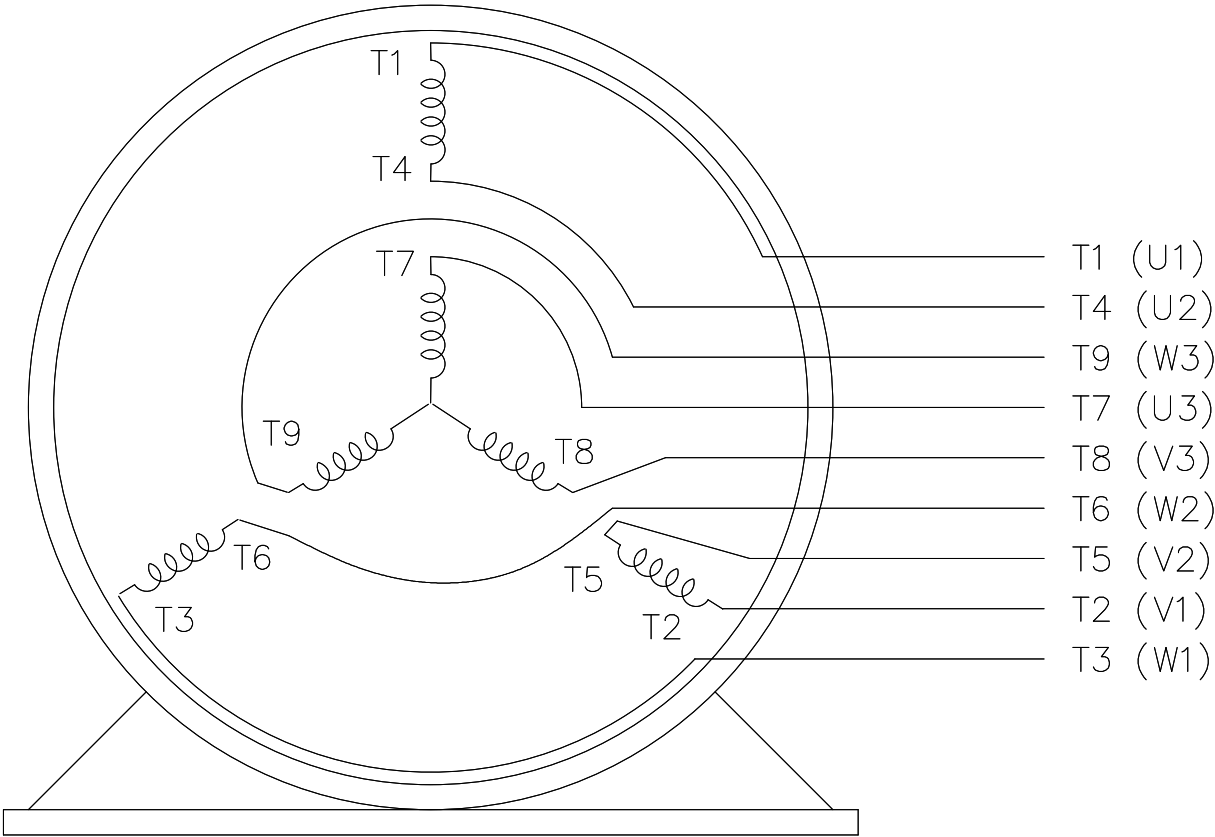
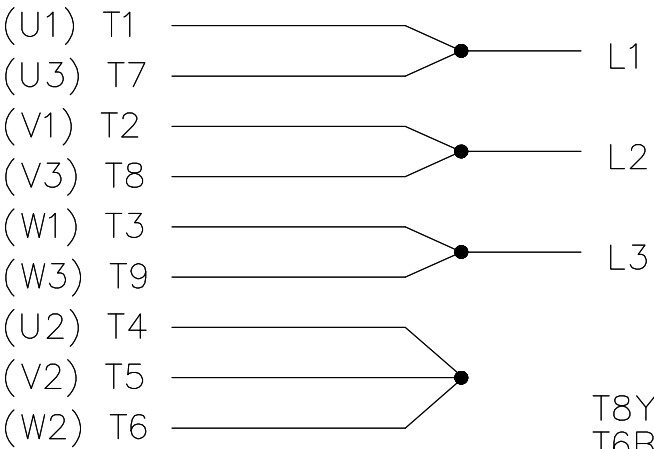
DRAWN BY SP	marathon™		
DATE 24/01/2022			
APPROVED BY GNK	DESCRIPTION OUTLINE		
DATE 24/01/2022	182/184TC - NEMA TENV - AL FRAME - BRAKE (STEARNS BR)		
REFERENCE SS600242	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS621250	SHEET 1 OF 1

THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD
CONNECTION

L1 WHITE
L2 RED
L3 BLACK

DRAWING REVISION J	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 RM
DATE 11/20/1990
APPROVED BY SAS
DATE 04/24/2003
REFERENCE
THIRD ANGLE PROJECTION

marathon™		
DESCRIPTION CONN DIAGRAM-EXTERNAL 3Ø - DUAL VOLTAGE MOTOR		
MATERIAL		PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7308	SHEET 1 OF 1
4 of 4		