

Brake Motors

Model No: 140636.00

Catalog No: 140636.00

Brake Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 215T Frame, TEFC

Product Information Packet: Model No: 140636.00, Catalog No: 140636.00 Brake Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 RPM, 215T Frame, TEFC

Nameplate Specifications

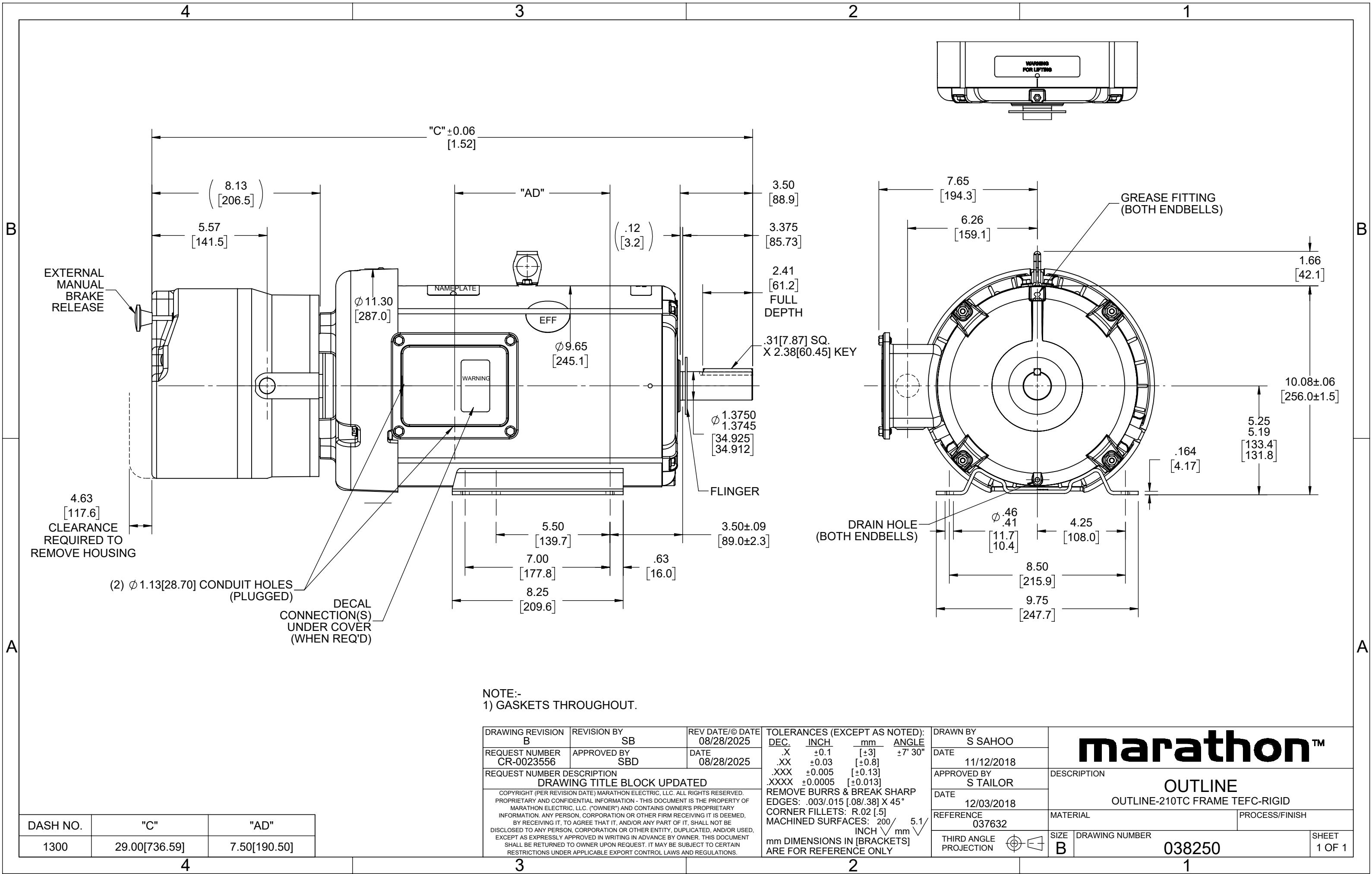
Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	1765 & 1460 r/min	Synchronous RPM	1800 & 1500 r/min
Service Factor	1.15 & 1.15	Frame	215T
Enclosure	Totally Enclosed Fan Cooled	Thermal Protection	No Protection
Efficiency	91.7 & 91.7 %	Ambient Temperature	40 °C
Frequency	60 & 50 Hz	Current	26.8/13.4 & 31.2/15.6 A
Power Factor	77	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	H	Drive End Bearing Size	6207
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	43	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.755 O	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	T	Overall Length	29.0 in
Frame Length	13.0 in	Shaft Diameter	1 3/8 in
Shaft Extension	3.38 in	Assembly/Box Mounting	F1 Only

Drawings

Connection Drawing	005010.15	Outline Drawing	038250-1300
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DRAWING REVISION B	REVISION BY SB	REV DATE/© DATE 08/28/2025	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.03 [±0.8] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200 INCH mm 5.1 mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY				DRAWN BY S SAHOO	marathon™		
REQUEST NUMBER CR-0023556	APPROVED BY SBD	DATE 08/28/2025					DATE 11/12/2018			
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED			COPYRIGHT (PER REVISION DATE) MARATHON ELECTRIC, LLC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF MARATHON ELECTRIC, LLC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				APPROVED BY S TAILOR	DESCRIPTION OUTLINE		
							DATE 12/03/2018	OUTLINE-210TC FRAME TEFC-RIGID		
							REFERENCE 037632	MATERIAL		PROCESS/FINISH
							THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER 038250	SHEET 1 OF 1