marathon®

Washdown Motors

Model No: 194010.00
Catalog No: 194010.00

Washdown Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 RPM, 256TC Frame, TEFC

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Product Information Packet: Model No: 194010.00, Catalog No: 194010.00 Washdown Motor, 20 & 15 HP, 3 Ph, 60 & 50 Hz, 208-230/460 & 190/380 V, 3600 RPM, 256TC Frame, TEFC

Nameplate Specifications

Phase	**3**	Output HP	**20 & 15 Hp**
Output KW	**14.9 & 11.2 kW**	Voltage	**208-230/460 & 190/380 V**
Speed	**3550 & 2950 r/min**	Synchronous RPM	**3600 & 3000 r/min**
Service Factor	**1.15 & 1.15**	Frame	**256TC**
Enclosure	**Totally Enclosed Fan Cooled**	Thermal Protection	**No Protection**
Efficiency	**91 & 90.2 %**	Ambient Temperature	**40 °C**
Frequency	**60 & 50 Hz**	Current	**50.5-45/22.5 & 41/20.5 A**
Power Factor	**90**	Duty	**Continuous**
Insulation Class	**F**	Design Code	**B**
KVA Code	**G**	Drive End Bearing Size	**6309**
Opp Drive End Bearing Size	**6211**	UL	**Recognized**
CSA	**Y**	CE	**Y**
IP Code	**55**	Number of Speeds	**1**

Technical Specifications

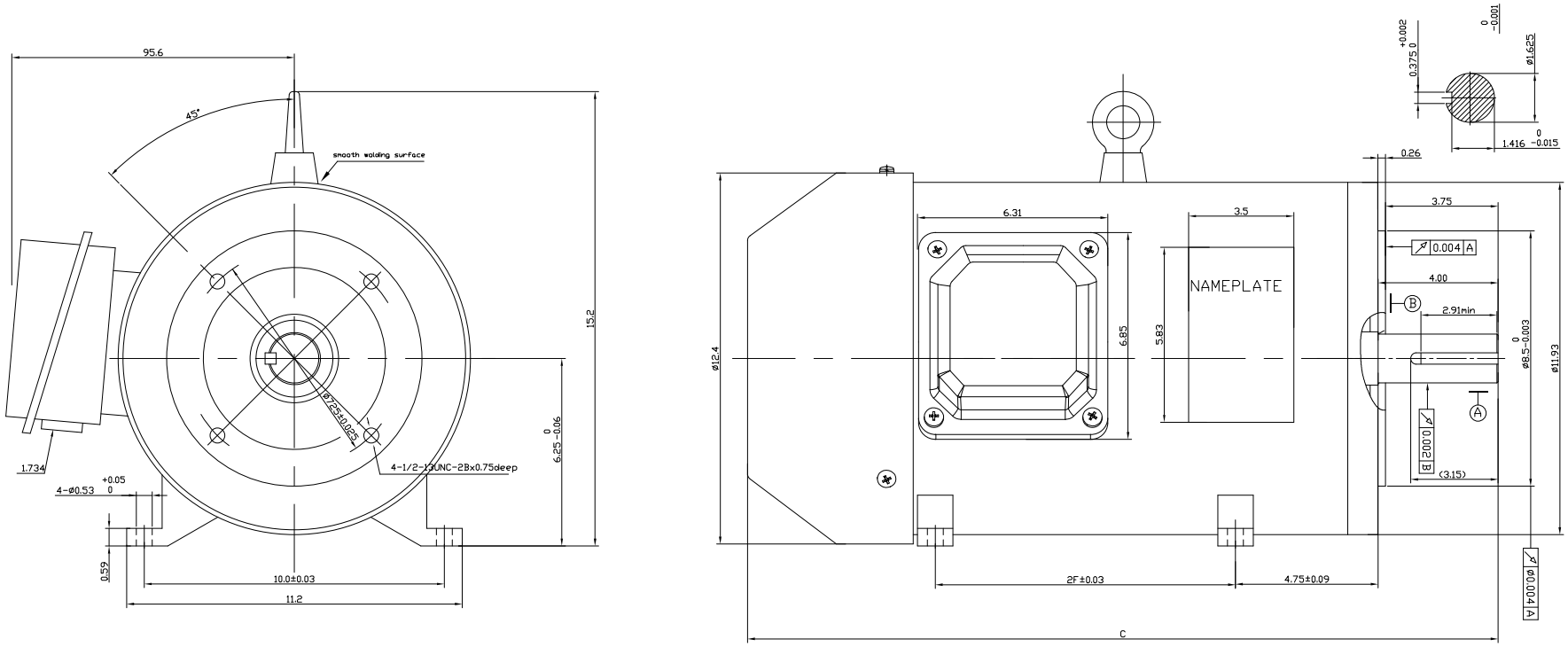
Electrical Type	**Squirrel Cage Inverter Rated**	Starting Method	**Line Or Inverter**
Poles	**2**	Rotation	**Reversible**
Mounting	**Rigid Base**	Motor Orientation	**Horizontal**
Drive End Bearing	**Ball**	Opp Drive End Bearing	**Ball**
Frame Material	**Stainless Steel**	Shaft Type	**T**
Overall Length	**25.0 in**	Shaft Diameter	**1 5/8 in**
Shaft Extension	**4 in**	Assembly/Box Mounting	**F1/F2 Capable**
Inverter Load	**Constant 4:1**		

Drawings

Connection Drawing	**005010.01**	Outline Drawing	**SS620847**

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LEESON PART NO.	FRAME	HP	VOLTS	Hz	RPM	MOUNTING	S.F	DUTY	ENCL.	PH	2F	C
194008.00	254TC-2	15	230/460	60	3600	RIGID+C FLANGE	1.15	CONT.	TEFC	3	8.25	23.65MAX
194009.00	254TC-4	15	230/460	60	1800	RIGID+C FLANGE	1.15	CONT.	TEFC	3	8.25	23.65MAX
194010.00	256TC-2	20	230/460	60	3600	RIGID+C FLANGE	1.15	CONT.	TEFC	3	10.0	25MAX
194011.00	256TC-4	20	230/460	60	1800	RIGID+C FLANGE	1.15	CONT.	TEFC	3	10.0	25MAX

NOTE:
1. TO REFERENCE GW DRAWING OGW.302.703

DRAWING REVISION: C	REVISION BY: SB	REV DATE/ © DATE: 08/11/2025
REQUEST NUMBER: CR-0023556	APPROVED BY: SBD	DATE: 08/11/2025
REQUEST NUMBER DESCRIPTION: DRAWING TITLE BLOCK UPDATED		

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TOLERANCES (EXCEPT AS NOTED):

DEC.	INCH	mm	ANGLE
.X	± 0.1	± [1]	± 7' 30"
.XX	± 0.03	± [0.8]	
.XXX	± 0.005	± [0.13]	
.XXXX	± 0.0005	[± 0.013]	

REMOVE BURRS & BREAK SHARP
EDGES: .003/.015 [.08/.38] X 45°
CORNER FILLETS: R.02 [.5]
MACHINED SURFACES: 200 INCH / 51 mm
mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY

DRAWN BY	
DATE	
APPROVED BY	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

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DESCRIPTION: OUTLINE
SST 250 FRAME

MATERIAL | PROCESS/FINISH

SIZE: B | DRAWING NUMBER: SS620847 | SHEET: 1 OF 1