

Multispeed Motors

Model No: 215TTDBD7204

Catalog No: Y455A

Multispeed Motor, 5 & 2.22 HP, 3 Ph, 60 & 60 Hz, 200-230 & 200-230 V, 1800 RPM, 215T Frame, DP

Product Information Packet: Model No: 215TTDBD7204, Catalog No: Y455A Multispeed Motor, 5 & 2.22 HP, 3 Ph, 60 & 60 Hz, 200-230 & 200-230 V, 1800 RPM, 215T Frame, DP

Nameplate Specifications

Phase	3	Output HP	5 & 2.22 Hp
Output KW	3.7 & 1.7 kW	Voltage	200-230 & 200-230 V
Speed	1782 & 1185 r/min	Synchronous RPM	1800 & 1200 r/min
Service Factor	1.15 & 1.15	Frame	215T
Enclosure	Drip Proof	Thermal Protection	No Protection
Efficiency	87.5 & 85.5 %	Ambient Temperature	40 °C
Frequency	60 & 60 Hz	Current	14.5-14 & 7.5-7.2 A
Power Factor	74.5	Duty	Continuous
Insulation Class	F	Design Code	2VT
KVA Code	J	Drive End Bearing Size	6307
Opp Drive End Bearing Size	6206	UL	Recognized
CSA	Y	CE	Y
IP Code	22	Number of Speeds	2

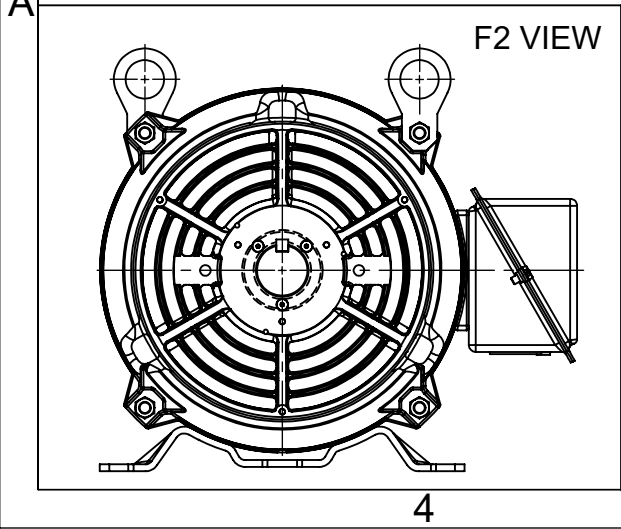
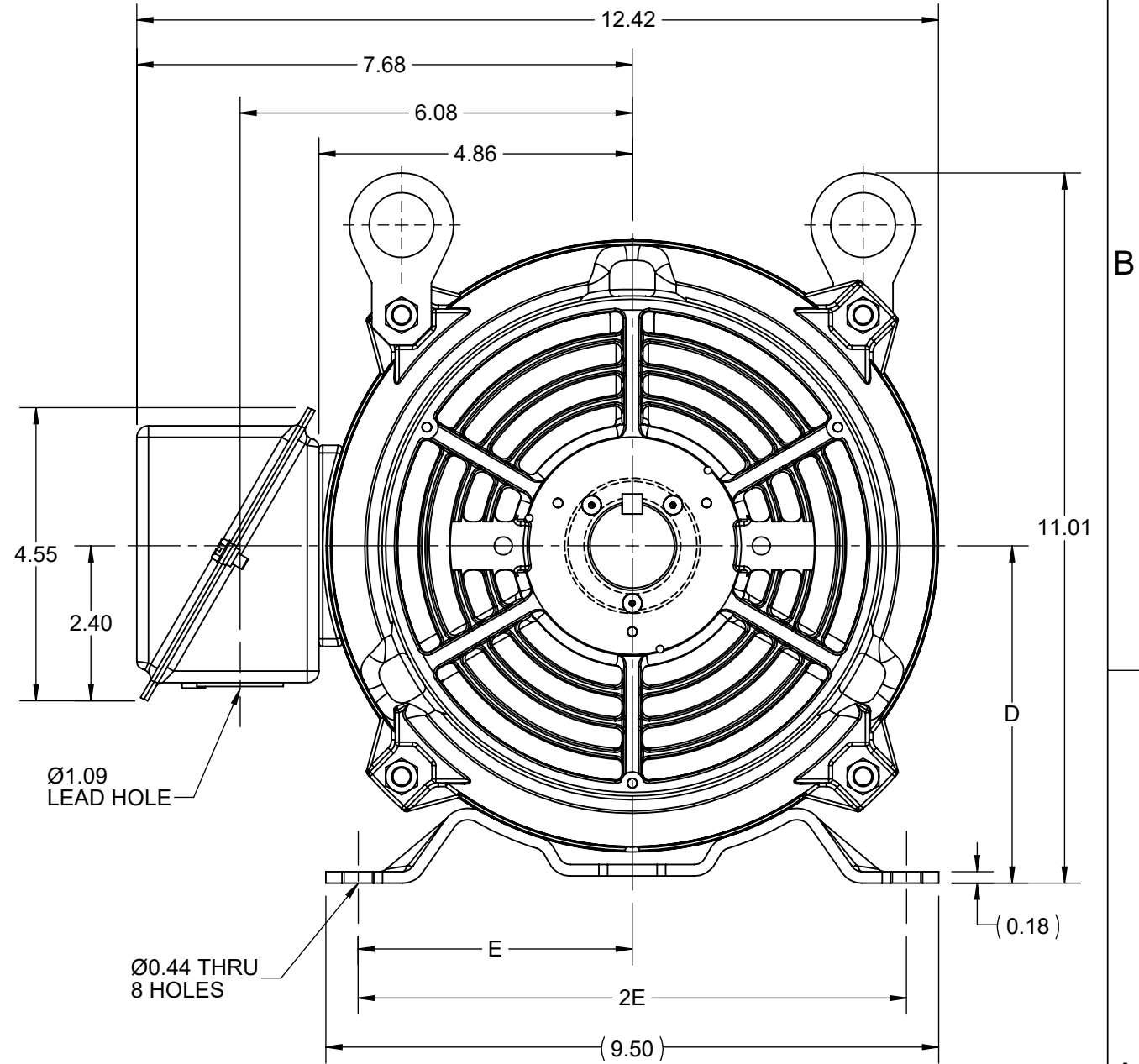
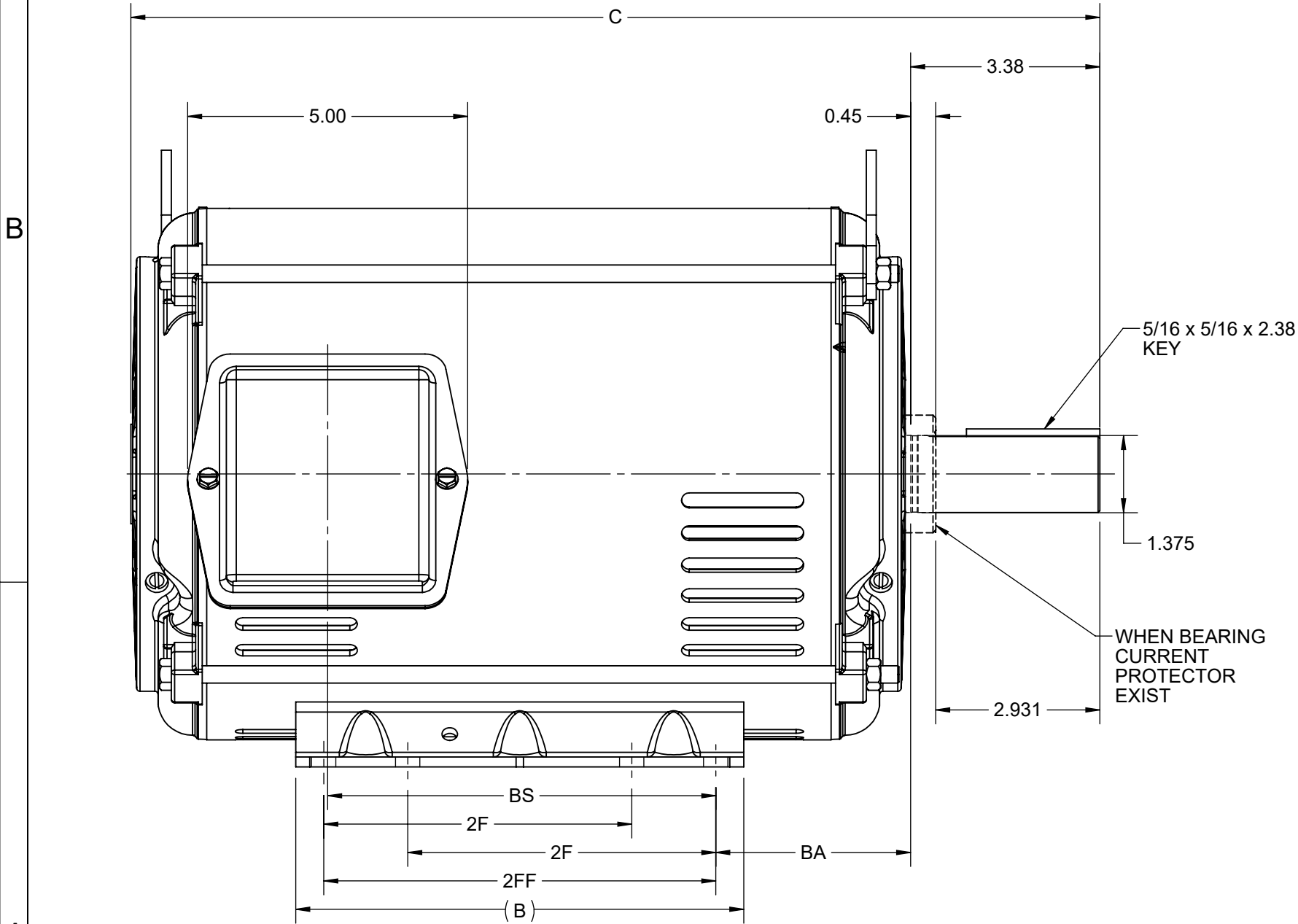
Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4//6	Rotation	Reversible
Resistance Main	.5201 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	1.375 in
Assembly/Box Mounting	F1/F2 Capable		

Drawings

Connection Drawing	EE7317	Outline Drawing	SS620684
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4					3				
B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING
8.00	17.30	5.25	4.25	8.50	5.50	7.00	3.50	6.93	F1 OR F2

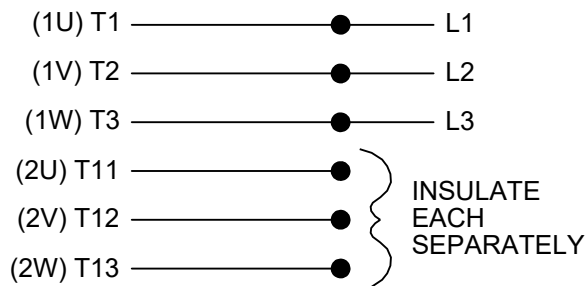


DRAWING REVISION G	REVISION BY SB	REV DATE/© DATE 07/18/2025
REQUEST NUMBER CR-0023556	APPROVED BY SBD	DATE 07/18/2025
REQUEST NUMBER DESCRIPTION DRAWING TITLE BLOCK UPDATED		
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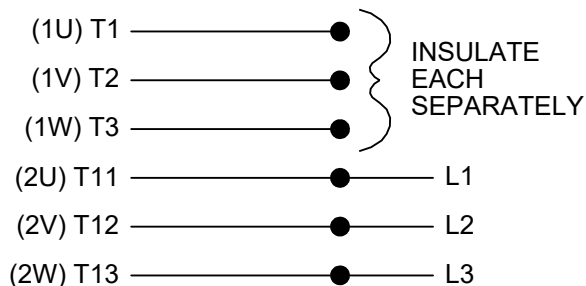
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DRAWN BY ZXW	marathon™		
DATE 16/04/2015			
APPROVED BY ZL	DESCRIPTION OUTLINE 213/215T FR NEMA ODP RS		
DATE 16/04/2015			
REFERENCE	MATERIAL	PROCESS/FINISH	
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS620684	SHEET 1 OF 1

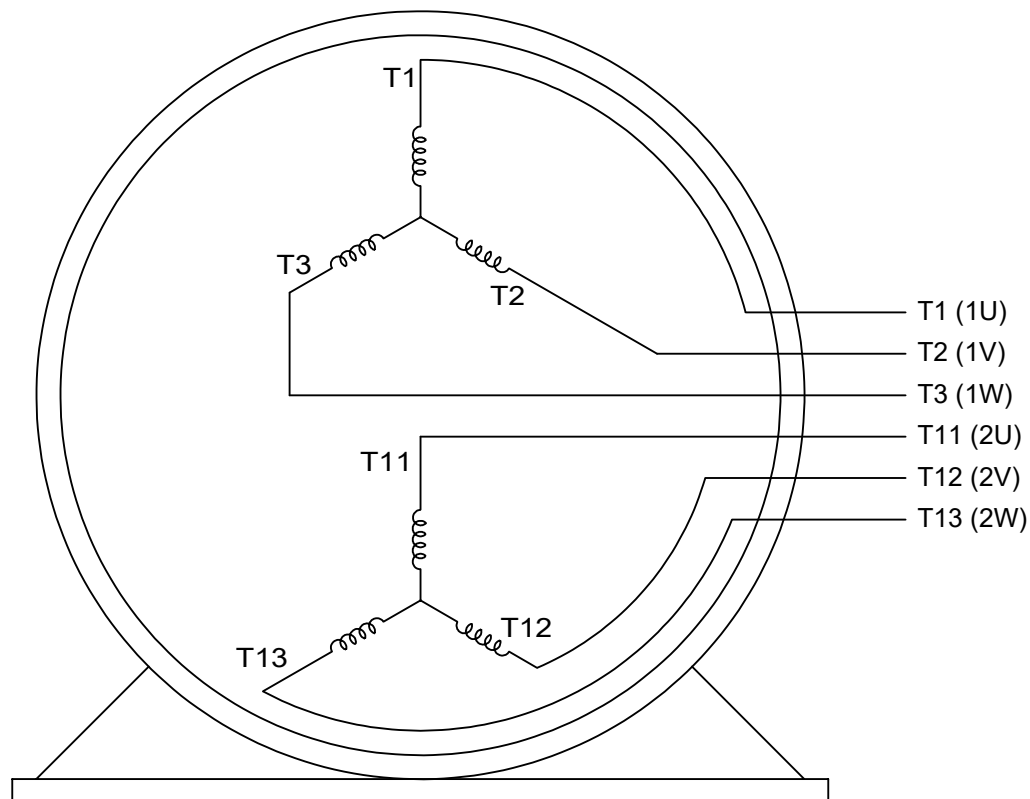
LOW SPEED



HIGHSPEED



THREE PHASE, SINGLE VOLT, 6 LEAD 2 SPEED REVERSIBLE MOTOR



VIEW OF TERMINAL END

TO REVERSE ROTATION ON
EITHER SPEED: INTERCHANGE
ANY 2 LEADS ON THE
WINDING IN USE.

DRAWING REVISION D	REVISION BY SB	REV DATE/© DATE 10/08/2025
REQUEST NUMBER CR-0024284	APPROVED BY RMS	DATE 10/08/2025
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DRAWN BY LZ	marathon™	
DATE 01-05-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-INTERNAL	
DATE 01-17-1994	3 PHASE - SINGLE - 2 SPEED REVERSIBLE	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7317
		SHEET 1 OF 1