

PRODUCT INFORMATION PACKET



Model No: B199090.00
Catalog No: B199090.00
General Purpose Motor, 10 & 7.50 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 3600 & 3000 RPM,
213JM Frame, DP



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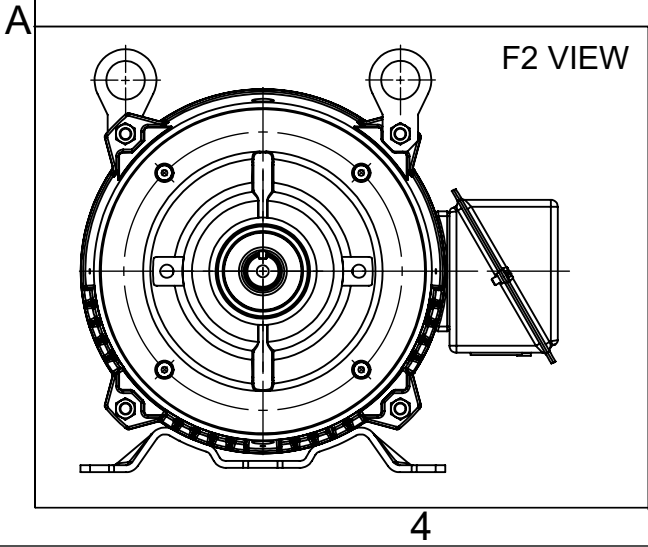
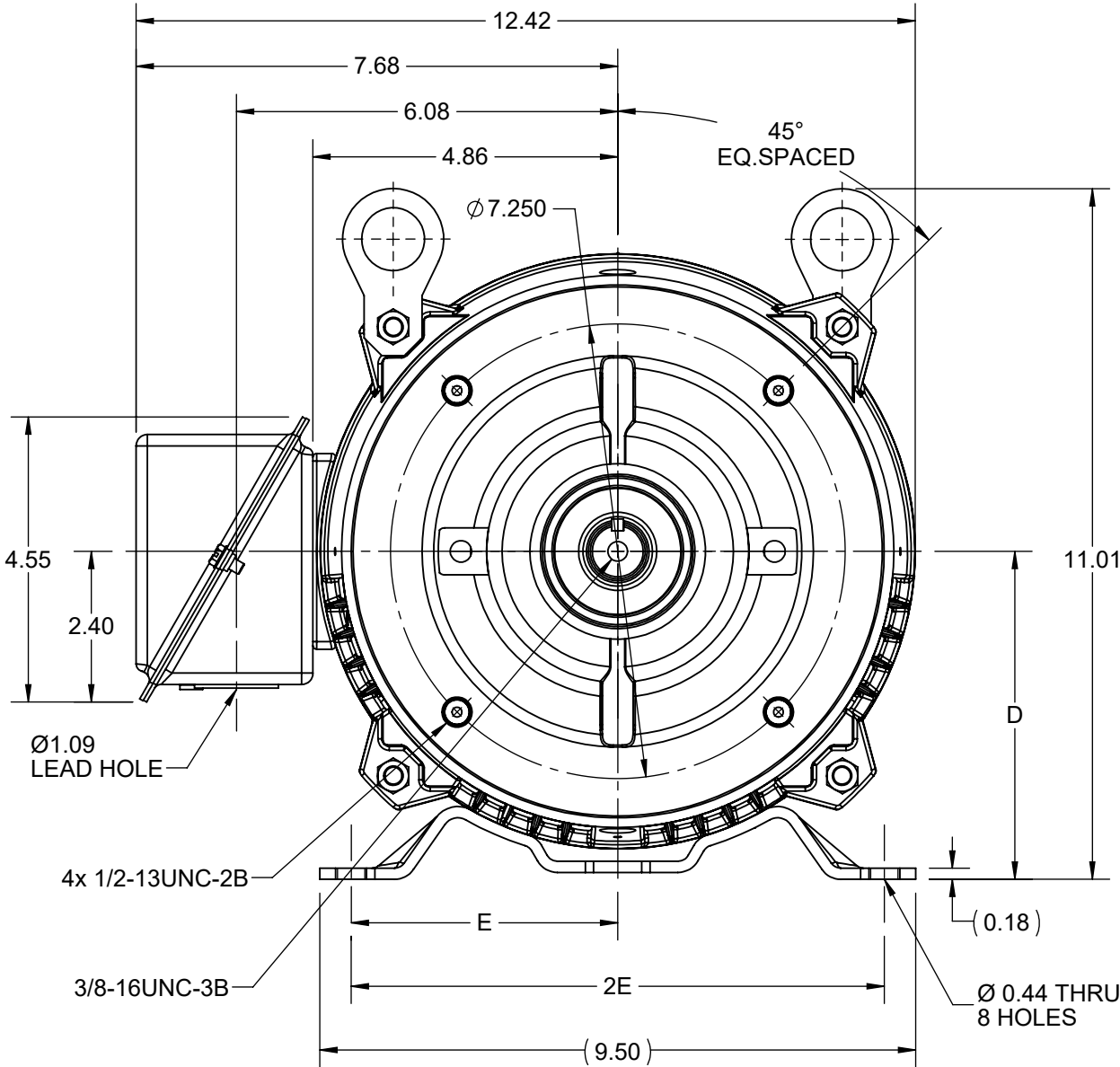
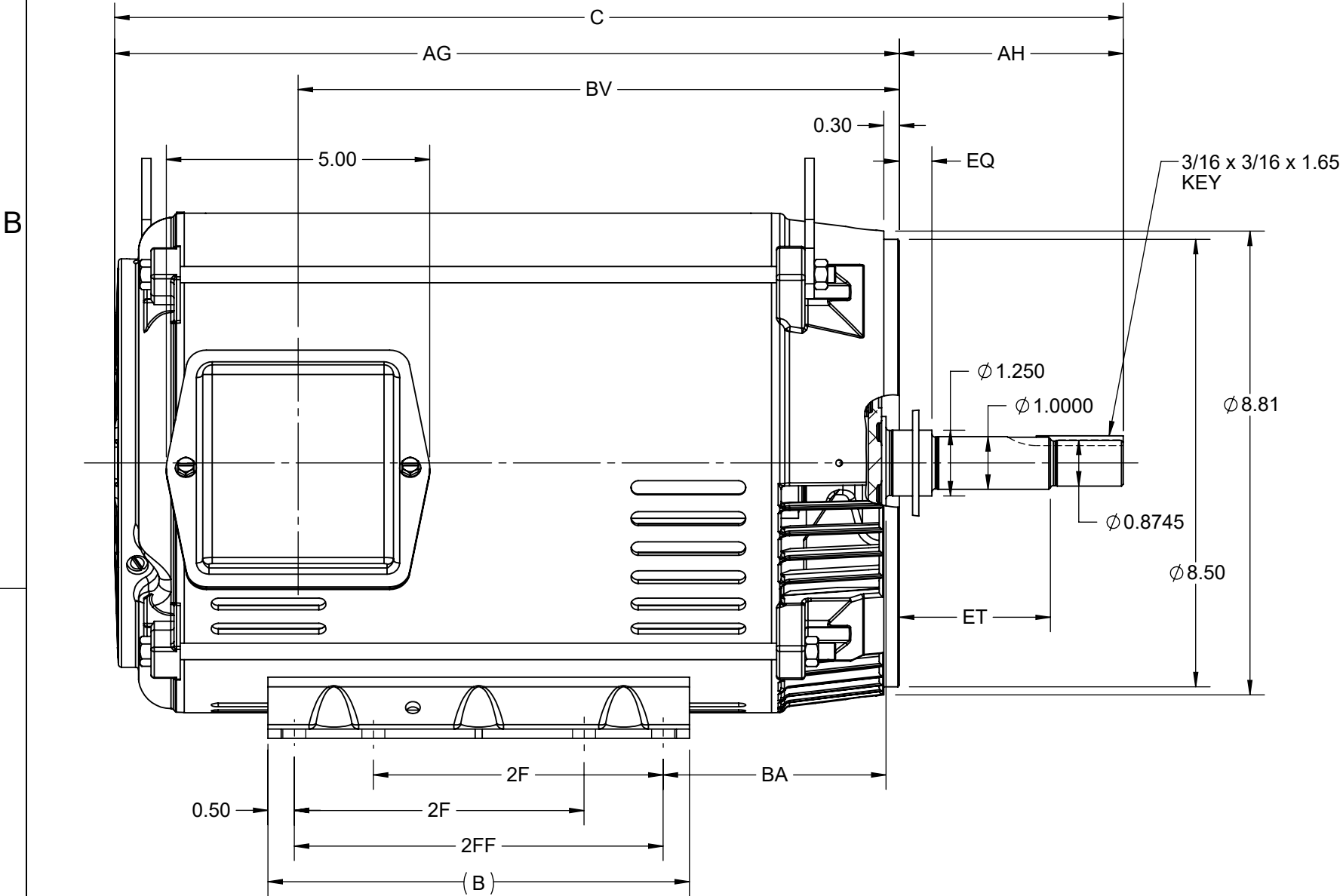
Nameplate Specifications

Phase	3	Output HP	10 & 7.50 Hp
Output KW	7.5 & 5.6 kW	Voltage	230/460 & 190/380 V
Speed	3520 & 2925 rpm	Service Factor	1.15 & 1.15
Frame	213JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	89.8 & 89.2 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	24.2/12.1 & 22/11 A	Power Factor	86.1
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6309	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	Y
CE	Y	IP Code	23
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	Rolled Steel	Shaft Type	JM
Overall Length	19.22 in	Frame Length	11.15 in
Shaft Diameter	1.000 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Connection Drawing	EE7308	Outline Drawing	SS620792

4					3					2				1
B	C	D	E	2E	2F	2FF	AG	AH	BV	BA	EQ	ET	MOUNTING	
8.00	19.15	5.25	4.25	8.50	5.50	7.00	14.90	4.25	11.42	4.25	0.62	2.87	F1 OR F2	



DRAWING REVISION E	REVISION BY GOPI J	REV DATE/© DATE 09/05/2022
REQUEST NUMBER CR-0008840	APPROVED BY GNK	DATE 09/05/2022
REQUEST NUMBER DESCRIPTION FRAME AND CONDUIT BOX PART # UPDATED AS PER CR		
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DRAWN BY ZXY	 Regal Beloit America, Inc.	
DATE 04/01/2017		
APPROVED BY CL	DESCRIPTION OUTLINE 213/215JM FR NEMA ODP RS	
DATE 04/01/2017		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS620792
		SHEET 1 OF 1



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	FINISH	DRAWING NO.	PAGE	OF	REV.
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES					
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1					
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02					
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005					
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005					
					±7'30"					
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