

PRODUCT INFORMATION PACKET



Model No: B199721.00

Catalog No: B199721.00

General Purpose Motor, 75 & 60 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM,
405T Frame, DP



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Nameplate Specifications

Phase	3	Output HP	75 & 60 Hp
Output KW	56.0 & 45.0 kW	Voltage	230/460 & 190/380 V
Speed	1188 & 988 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	94.5 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	174/87 & 170/85 A	Power Factor	85
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6315
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

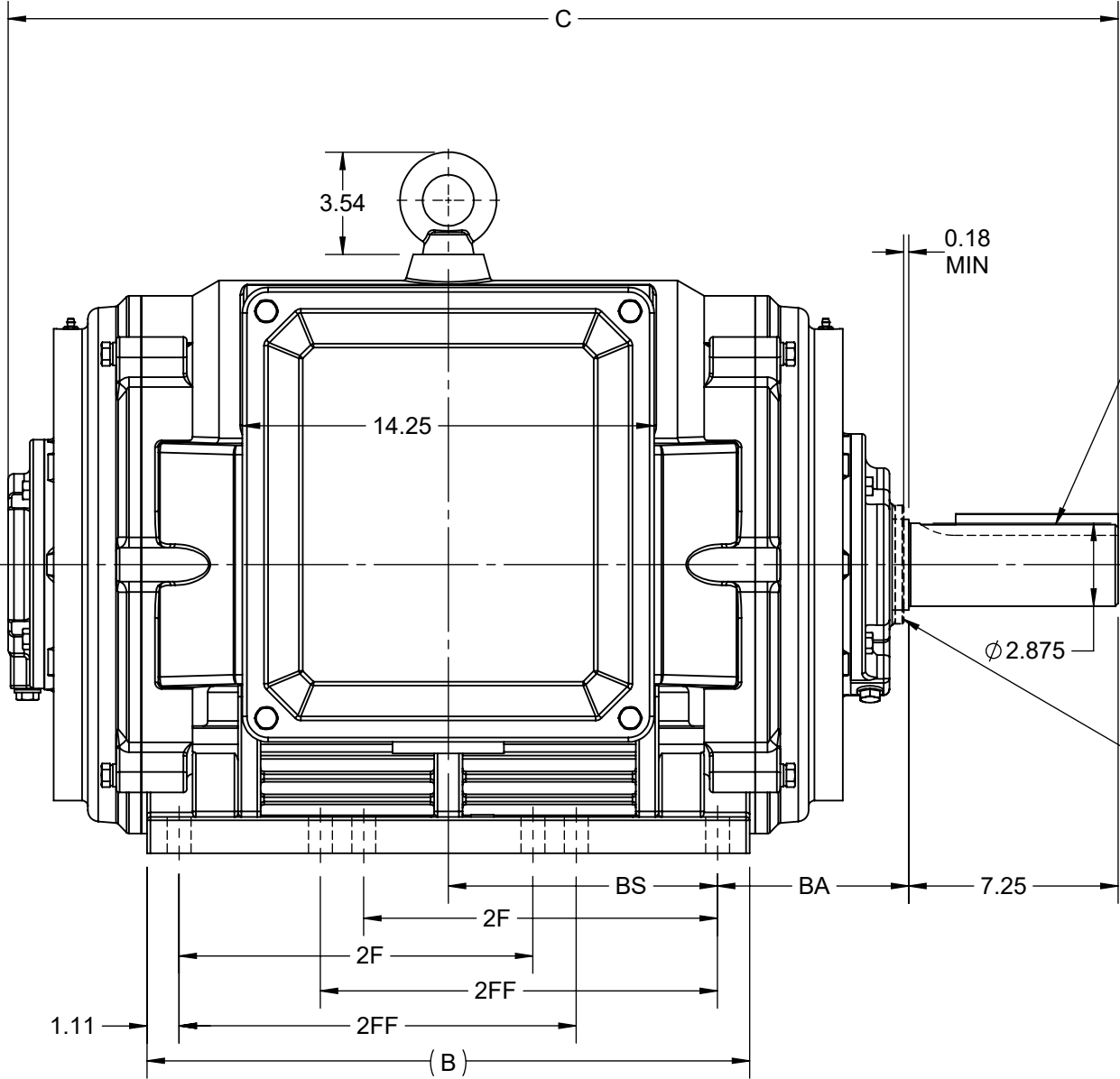
Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Wye Start Delta Run Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.107 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	38.78 in
Frame Length	21.25 in	Shaft Diameter	2.875 in
Shaft Extension	7.25 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	SS620754-405T	Connection Drawing	EE7308AA

4				3				2				1
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME	
100	19.29	36.86	10.00	8.00	16.00	---	12.25	6.62	8.54	F1 OR F2	404T	
200	20.87	38.43				12.25	13.75		9.32		404/405T	

B

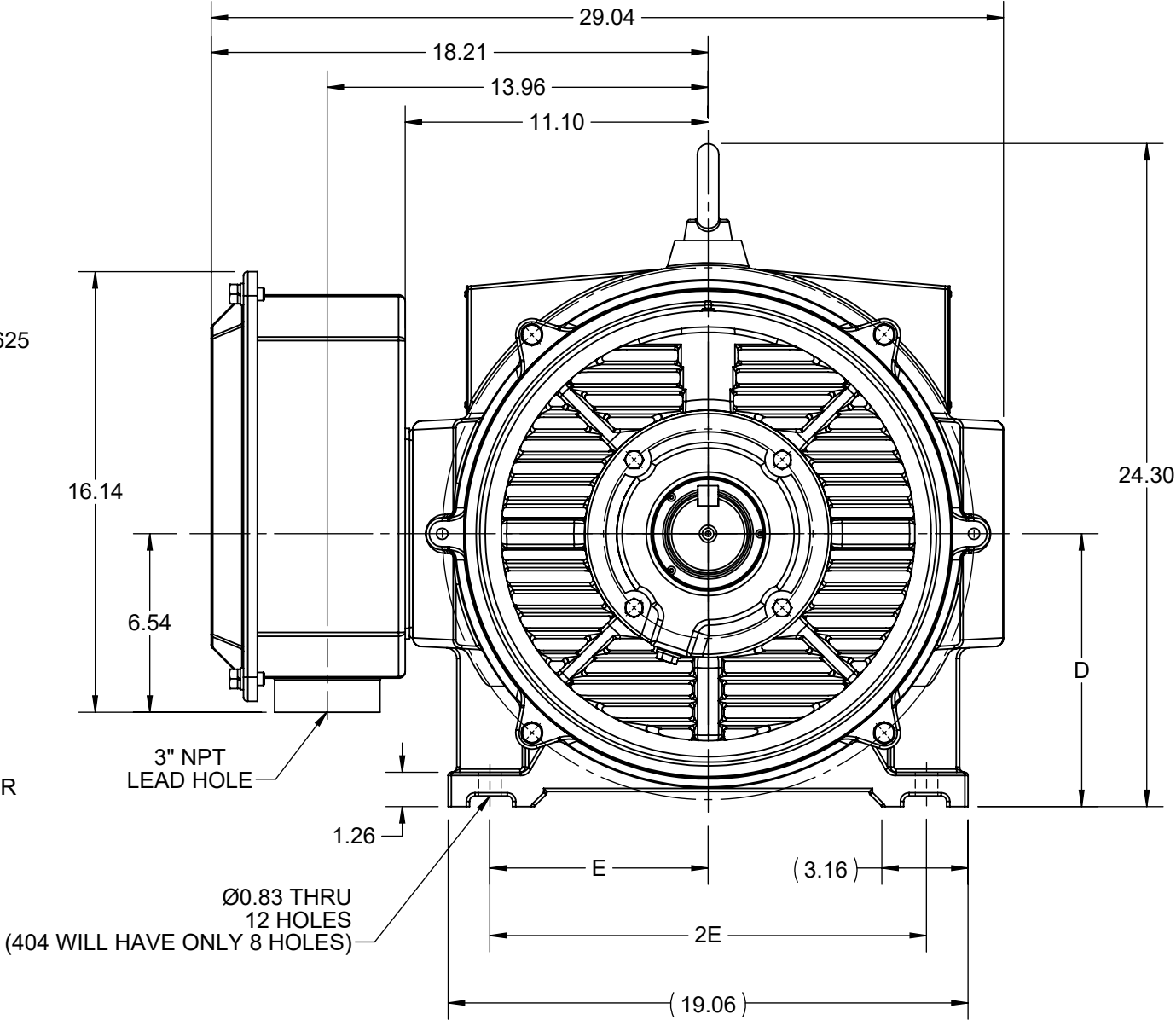
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3/4 x 3/4 x 5.625
KEY

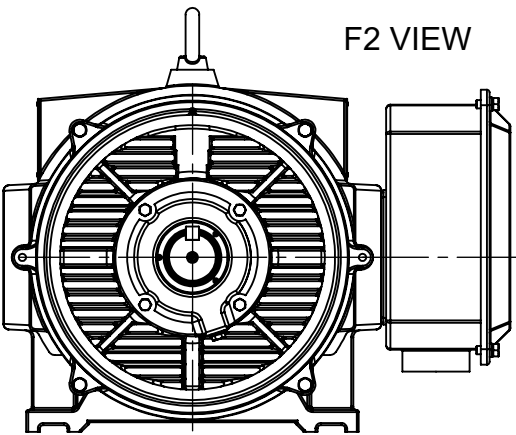
Ø2.875

WHEN
BEARING
CURRENT
PROTECTOR
EXIST



B

A



F2 VIEW

DRAWING REVISION C	REVISION BY GOPI J	REV DATE/© DATE 09/02/2022
REQUEST NUMBER CR-0006851	APPROVED BY SBD	DATE 09/02/2022
REQUEST NUMBER DESCRIPTION VIEWS UPDATED AS PER 3D		
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DRAWN BY WY	 Regal Beloit America, Inc.	
DATE 21/07/2016		
APPROVED BY	DESCRIPTION OUTLINE 404/405T FR NEMA ODP CAST IRON	
DATE		
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE B	DRAWING NUMBER SS620754
		SHEET 1 OF 1

4

3

2

1



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	DATE 01-12-1994
APPROVED BY GK	DATE 01-14-1994
REFERENCE	THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONN DIAGRAM-EXTERNAL
3Ø-2/1 DELTA-12 LEADS

MATERIAL	PROCESS/FINISH
SIZE A	DRAWING NUMBER EE7308AA
SHEET 1 OF 1	