

PRODUCT INFORMATION PACKET



Model No: 284TSTFCD36002
Catalog No: 284TSTFCD36002
25,3600,TEFC,284TSC,3/60/575

Miscellaneous

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Nameplate Specifications

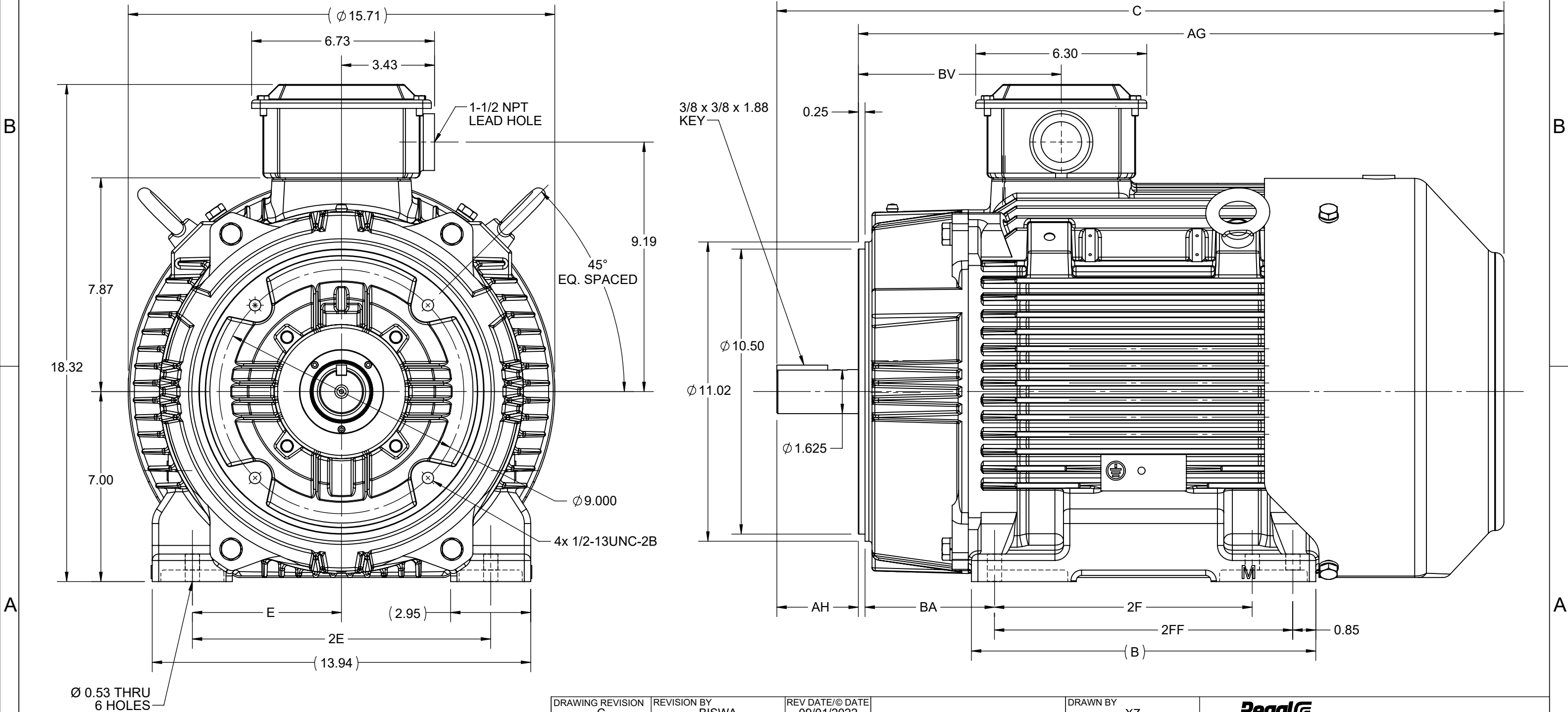
Output HP	25 Hp	Output KW	18.7 kW
Frequency	60 Hz	Voltage	575 V
Current	24.0 A	Speed	3555 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	86
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	284TSC	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6211
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Hazardous Location	DIVISION 2 T2B	Number of Speeds	1

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	2	Rotation	Selective Clockwise
Resistance Main	.395 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Assembly/Box Mounting	F3
Outline Drawing	SS620994	Connection Drawing	EE7300


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4					3					2					1				
B	C	E	2E	2F	2FF	AG	AH	BA	BV	MOUNTING									
12.68	26.77	5.50	11.00	9.50	11.00	23.77	3.00	4.75	7.47	F3									



DRAWING REVISION C	REVISION BY BISWA	REV DATE/© DATE 09/01/2022
ECO CR-0006241	APPROVED BY GNK	DATE 09/01/2022
ECO DESCRIPTION DRAWING UPDATED S PER 3D		
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DRAWN BY XZ	 Regal Beloit America, Inc.	
DATE 04/05/2018		
APPROVED BY ZYH	DESCRIPTION OUTLINE	
DATE 04/05/2018	284/286TSC FR NEMA TEFC CI - F3 MTG.	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER SS620994
		SHEET 1 OF 1

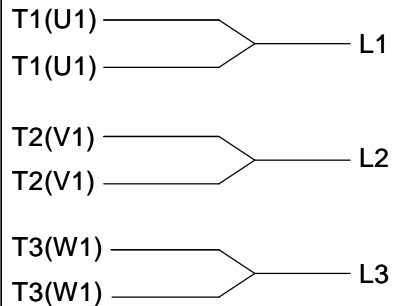
THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO
LINE LEAD CONNECTIONS.

TERMINAL BLOCK WHEN SPECIFIED



IF MOTOR HAS
6 LEADS



A-9806 DECAL

OPTIONAL CORD
CONNECTION



VIEW OF TERMINAL END

DRAWING REVISION AB	REVISION BY JJB	DATE 06-27-2017
ECO ECO-0125361	APPROVED BY TB	DATE 06-27-2017
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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DRAWN BY DA
DATE 03-26-1993
APPROVED BY TB
DATE 03-26-1993
REFERENCE
THIRD ANGLE PROJECTION



Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

MATERIAL PROCESS/FINISH

SIZE A	DRAWING NUMBER EE7300	SHEET 1 OF 1
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