

PRODUCT INFORMATION PACKET



Model No: 811763.00

Catalog No: 811763.00

811763.00..200/150HP..890/740RPM.447/449T.TEFC.460/380V.3PH.60/50HZ.CONT.40C.1.15SF.....

Regal and Leeson are trademarks of Regal Rexnord Corporation or one of its affiliated companies.

©2023 Regal Rexnord Corporation, All Rights Reserved. MC017097E





Nameplate Specifications



Phase	3	Output HP	200 & 150 Hp
Output KW	149.0 & 112.0 kW	Voltage	460 & 380 V
Speed	890 & 740 rpm	Service Factor	1.15 & 1.15
Frame	447/449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	94.5 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	270 & 246 A	Power Factor	73
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	G
Drive End Bearing Size	NU319	Opp Drive End Bearing Size	6318
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	8	Rotation	Reversible
Resistance Main	.0157 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 2:1		
Outline Drawing	SS519824-2875	Connection Drawing	A-EE7300BH

This is an uncontrolled document once printed or downloaded and is subject to change without notice. Date Created:06/23/2023



DRAWING REVISION C		REVISION BY TRK		DATE 05-24-2018		TOLERANCES UNLESS OTHERWISE SPECIFIED: <table border="1"> <thead> <tr> <th>DEC.</th> <th>INCH</th> <th>mm</th> <th>ANGLE</th> </tr> </thead> <tbody> <tr> <td>.X</td> <td>±0.1</td> <td>[±2.5]</td> <td>±7° 30"</td> </tr> <tr> <td>.XX</td> <td>±0.03</td> <td>[±0.76]</td> <td></td> </tr> <tr> <td>.XXX</td> <td>±0.005</td> <td>[±0.127]</td> <td></td> </tr> <tr> <td>.XXXX</td> <td>±0.0005</td> <td>[±0.0127]</td> <td></td> </tr> </tbody> </table>		DEC.	INCH	mm	ANGLE	.X	±0.1	[±2.5]	±7° 30"	.XX	±0.03	[±0.76]		.XXX	±0.005	[±0.127]		.XXXX	±0.0005	[±0.0127]	
DEC.	INCH	mm	ANGLE																								
.X	±0.1	[±2.5]	±7° 30"																								
.XX	±0.03	[±0.76]																									
.XXX	±0.005	[±0.127]																									
.XXXX	±0.0005	[±0.0127]																									
ECO ECO-0145276		APPROVED BY JHA		DATE 05-24-2018																							
ECO DESCRIPTION																											
ADDED F2 VIEW COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED, BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.																											
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [1.51] MACHINED SURFACES: 200 $\sqrt{\text{INCH}}$ 5.1 $\sqrt{\text{mm}}$ mm SHOWN IN [BRACKETS]																											
DRAWN BY HLB		DATE 05-27-2003		 Regal Beloit America, Inc.																							
APPROVED BY JES		DATE 05-30-2003																									
REFERENCE B-SS517520		THIRD ANGLE PROJECTION 																									
DESCRIPTION OUTLINE 447/9T FR. - FLAT BRACKET - W/BAFFLE		MATERIAL		PROCESS/FINISH																							
SIZE B		DRAWING NUMBER SS519824		SHEET 1 OF 1																							

DASH	FRAME	B	C	2F	2FF	
2875	447T	28.25	51.94	20.00	---	
2875	449T	28.25	51.94	---	25.00	



				TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN RJW 02-11-2005					
				DEC.	INCHES		CHK	ML	02-11-2005			
				.X	±.1		APPD	GK	02-11-2005			
				.XX	±.02		TITLE CONNECTION DIAGRAM 12 LEAD- SINGLE VOLTAGE					
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX ±.005	SCALE						
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX ±.0005	MAT'L.				REF		
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH				FMF	
											PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT					RFP 02-11-2005		CAD FILE ee7300bh		SIZE A	DRAWING NO. EE7300BH	PAGE OF	REV. C
					DIST LB							