

PRODUCT INFORMATION PACKET



Model No: 449TSTFS8002

Catalog No: L459

General Purpose Motor, 300 & 250 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM,
447/449TS Frame, TEFC

Regal and Marathon 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	300 & 250 Hp
Output KW	224.0 & 187.0 kW	Voltage	460 & 380 V
Speed	3570 & 2970 rpm	Service Factor	1.15 & 1.15
Frame	447/449TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 94.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	330 & 335 A	Power Factor	89.5
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	G
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.0095 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	48.11 in
Frame Length	28.75 in	Shaft Diameter	2.375 in
Shaft Extension	5 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	B-SS515643-2875	Connection Drawing	A-EE7300BH



13 of 4



				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		SCALE							
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX	±.005	TITLE CONNECTION DIAGRAM 12 LEAD- SINGLE VOLTAGE				REF			
1	ADDED IEC TERMINAL MARKINGS	CN 41429	JJB 05/24/2007	ML	.XXXX	±.0005	MAT'L.				FMF			
NO.	REVISION		BY & DATE	CHK	ANG	±7'30"	FINISH				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	DRAWING NO.	PAGE	OF	REV.
				DIST		LB			A	EE7300BH				C