

PRODUCT INFORMATION PACKET



Model No: 449TSTFS8001

Catalog No: L466

General Purpose Motor, 350 & 300 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM,
447/449TS Frame, TEFC

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Nameplate Specifications



Phase	3	Output HP	350 & 300 Hp
Output KW	260.0 & 224.0 kW	Voltage	460 & 380 V
Speed	3570 & 2970 rpm	Service Factor	1.15 & 1.0
Frame	447/449TS	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	380 & 395 A	Power Factor	90.5
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	.0069 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
Connection Drawing	A-EE7300BH	Outline Drawing	B-SS515643-2875



DASH	FRAME	B	C	2F	2FF
2875	447TS	28.25 [717.55]	48.11 [1221.99]	20.00 [508.00]	25.00 [635.00]
2875	449TS	28.25 [717.55]	48.11 [1221.99]	20.00 [508.00]	25.00 [635.00]

DRAWING REVISION C		REVISION BY CM	DATE 3-10-2014	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.03 [±0.76] XXX ±0.005 [±0.127] XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] CORNER FILLETS: .02 [0.51] MACHINED SURFACES: 125 INCH 3.2 mm SHOWN IN [BRACKETS]				DRAWN BY KL		<div> Regal Beloit America, Inc.</div>				
ECO ECO-0047108		APPROVED BY DJK	DATE 3-10-2014					DATE 06-12-1996	APPROVED BY JL				DATE 06-12-1996	PROCESS/FINISH
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								THIRD ANGLE PROJECTION				SIZE B	DRAWING NUMBER SS515643	SHEET 1 OF 1



				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				SCALE				
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX	±.005					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				
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				DIST		LB		A		EE7300BH		C			