

PRODUCT INFORMATION PACKET

Model No: 449TTFS8576

Catalog No: Y855

Other Purpose Motor, 200 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 447/449T Frame, TEFC



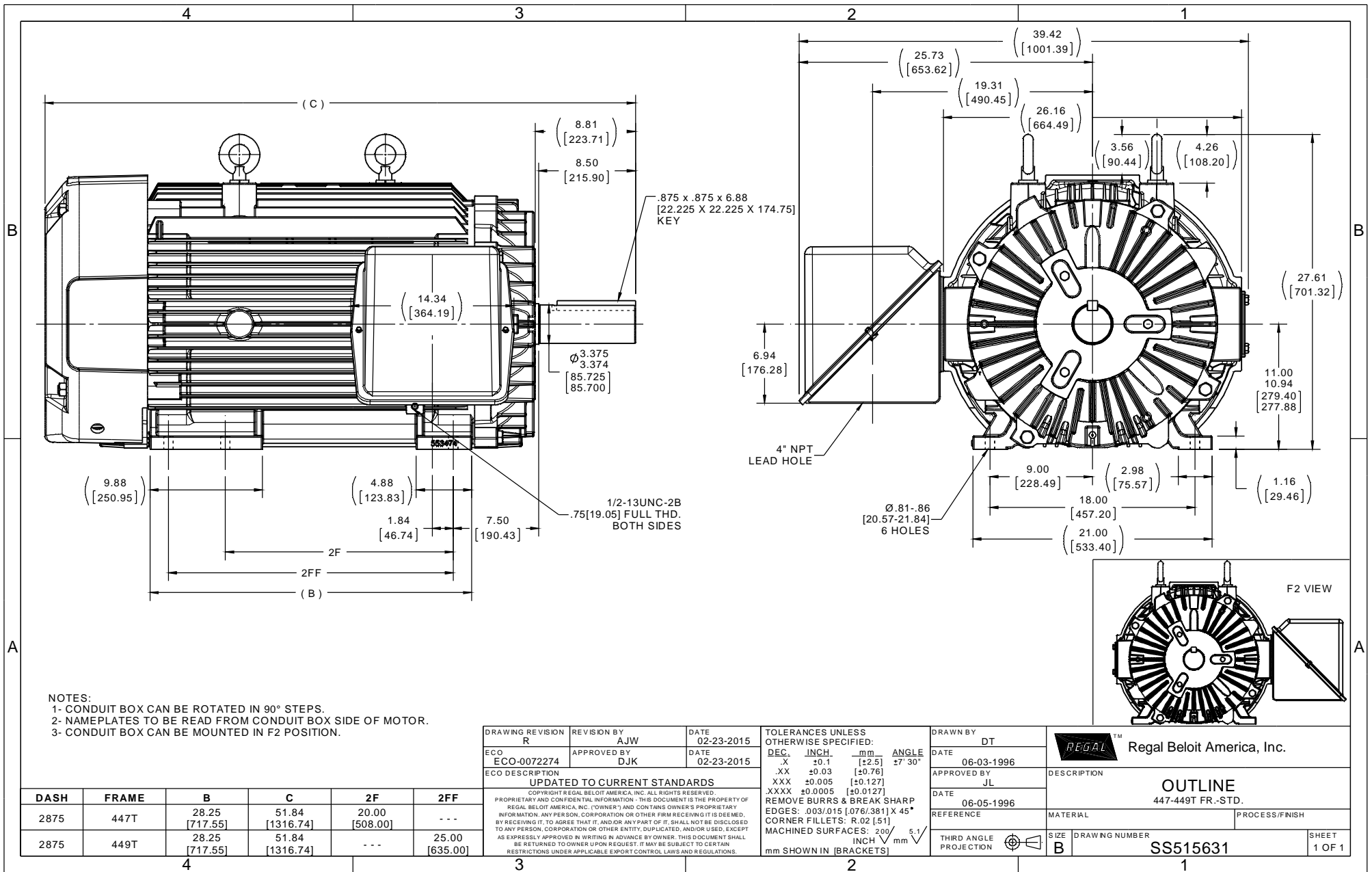
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Nameplate Specifications

Output HP	200 Hp	Output KW	149.0 kW
Frequency	60 Hz	Voltage	460 V
Current	245.0 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	94.5 %	Power Factor	80.5
Duty	Continuous	Insulation Class	F
Design Code	C	KVA Code	G
Frame	447/449T	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	NU322	Opp Drive End Bearing Size	6319
UL	Recognized	CSA	Y
CE	Y	IP Code	55
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	6	Rotation	Reversible
Resistance Main	.0155 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Roller
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	51.84 in
Frame Length	28.75 in	Shaft Diameter	3.375 in
Shaft Extension	8.81 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS515631-2875	Connection Drawing	A-EE7300BH

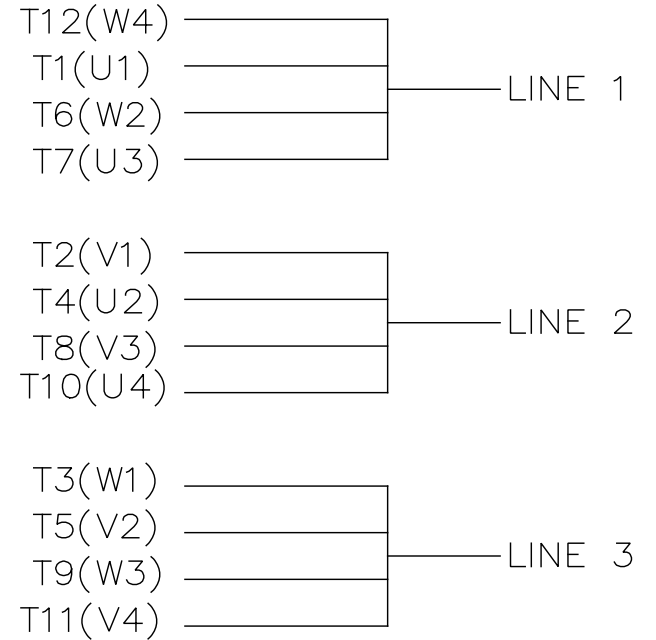
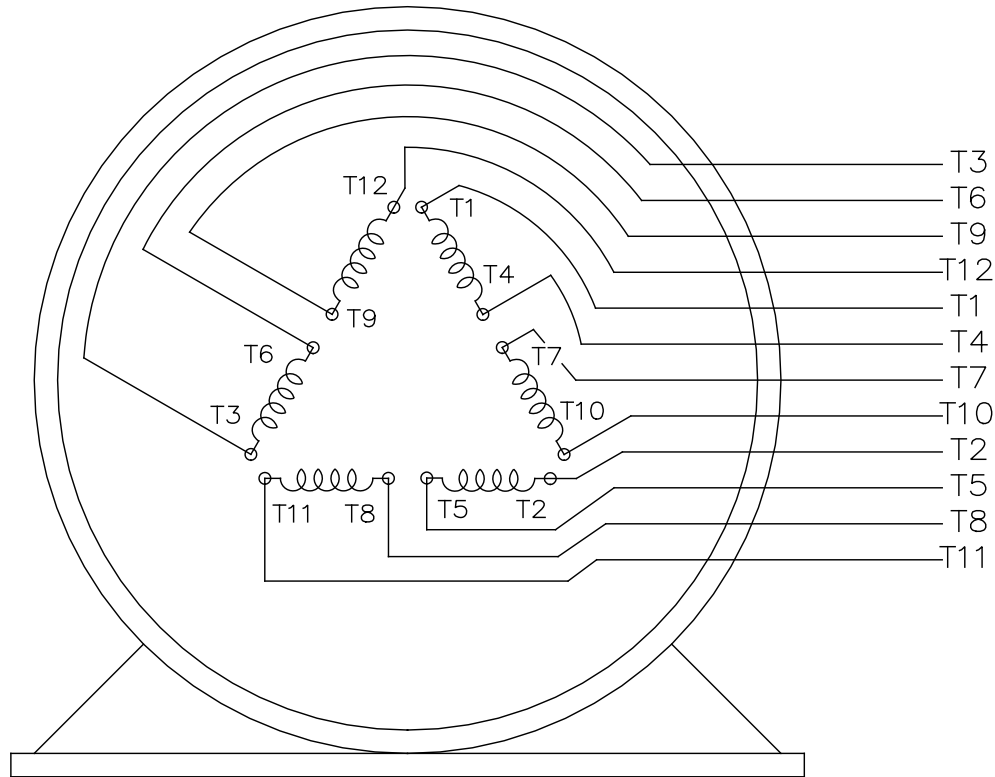


NOTES:
 1- CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2- NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 3- CONDUIT BOX CAN BE MOUNTED IN F2 POSITION.

DASH	FRAME	B	C	2F	2FF
2875	447T	28.25 [717.55]	51.84 [1316.74]	20.00 [508.00]	---
2875	449T	28.25 [717.55]	51.84 [1316.74]	---	25.00 [635.00]

DRAWING REVISION	REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED:
R	AJW	02-23-2015	DEC. INCH. mm ANGLE
ECO-0072274	DJK	02-23-2015	.X ±0.1 [±2.5] 27° 30'
ECO DESCRIPTION			.XX ±0.03 [±0.76]
UPDATED TO CURRENT STANDARDS			XXX ±0.005 [±0.127]
COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED.			XXXX ±0.0005 [±0.0127]
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			CORNER FILLETS: R.02 [51]
			MACHINED SURFACES: 200 / INCH 5.1 / mm

DRAWN BY	DT	REGAL™	Regal Beloit America, Inc.
DATE	06-03-1996	DESCRIPTION	
APPROVED BY	JL		
DATE	06-05-1996	OUTLINE 447-449T FR.-STD.	
REFERENCE			
THIRD ANGLE PROJECTION	SIZE B	DRAWING NUMBER	SS515631
		PROCESS/FINISH	SHEET 1 OF 1



VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		REGAL 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		SCALE		
D	CHANGED TO REGAL TITLE BLOCK	ECO-0108299	WGJ 08/22/2016	EMH	.XXX ±.005	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