

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 449TSTGS7003

Catalog No: H513

Other Purpose Motor, 250 & 200 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 3600 & 3000 RPM, 447/449TS Frame,
EPFC

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RegalRexnord

Nameplate Specifications

Phase	3	Output HP	250 & 200 Hp
Output KW	187.0 & 149.0 kW	Voltage	460 & 380 V
Speed	3570 & 2970 rpm	Service Factor	1.0 & 1.0
Frame	447/449TS	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Efficiency	95 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	280 & 270 A	Power Factor	88
Duty	Continuous	Insulation Class	H
Design Code	B	KVA Code	F
Drive End Bearing Size	6313	Opp Drive End Bearing Size	6313
UL	Listed	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

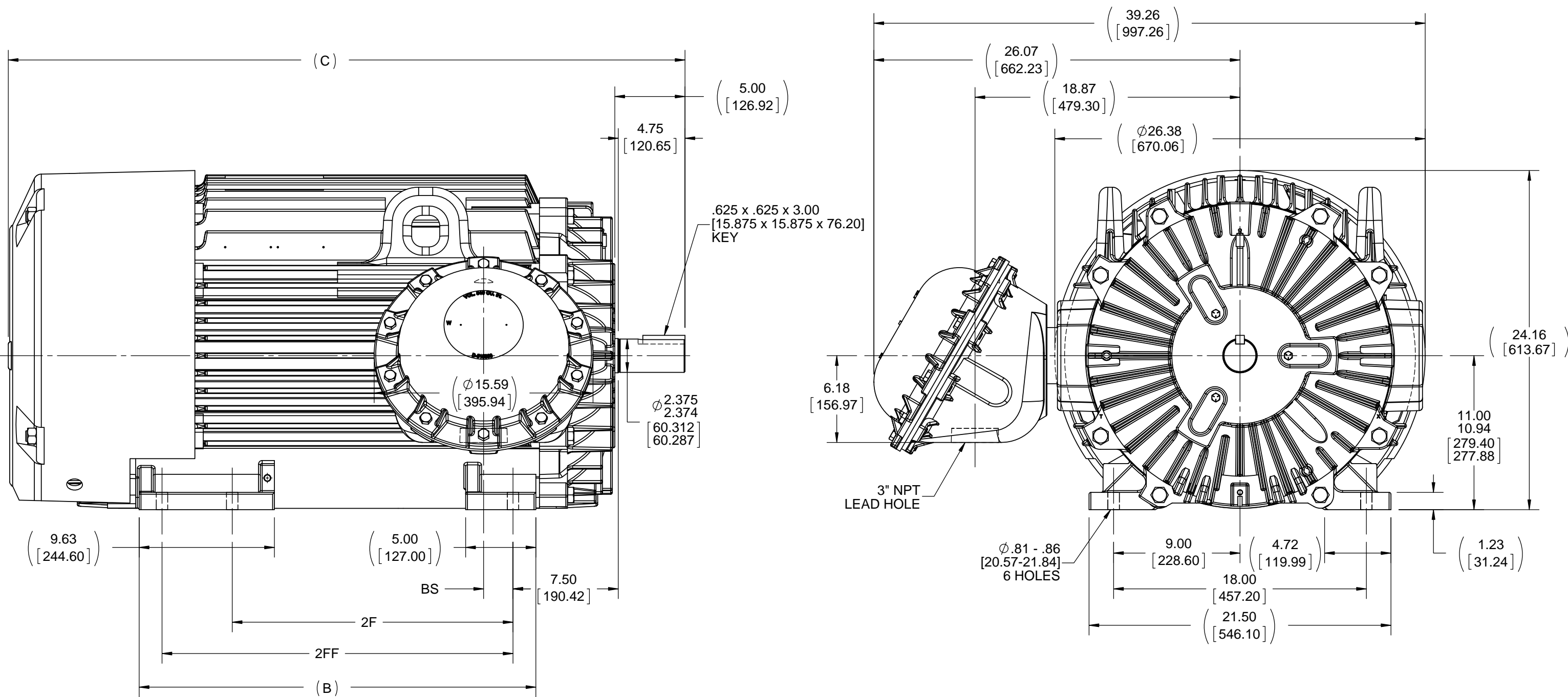
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start & Wye Start Delta Run Or Inverter
Poles	2	Rotation	Reversible
Resistance Main	.013 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	TS	Overall Length	48.19 in
Frame Length	28.75 in	Shaft Diameter	2.375 in
Shaft Extension	4.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7300CB	Outline Drawing	B-SS515927-2875

B

B

A

A



- NOTES:
1. CONDUIT BOX CAN ONLY BE ROTATED CLOCKWISE UP TO 270° FROM ITS ORIGINAL POSITION.
 2. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR.
 3. DIMENSIONS IN [] ARE IN MILLIMETERS.

DASH	FRAME	B	C	2F	2FF	BS
2875	447TS	28.25 [717.55]	48.19 [1224.03]	20.00 [508.00]	---	2.09 [53.09]
2875	449TS	28.25 [717.55]	48.19 [1224.03]	---	25.00 [635.00]	2.09 [53.09]

DRAWING REVISION E	REVISION BY JJB	DATE 01-05-2017
ECO ECO-0114341	APPROVED BY TDB	DATE 01-05-2017
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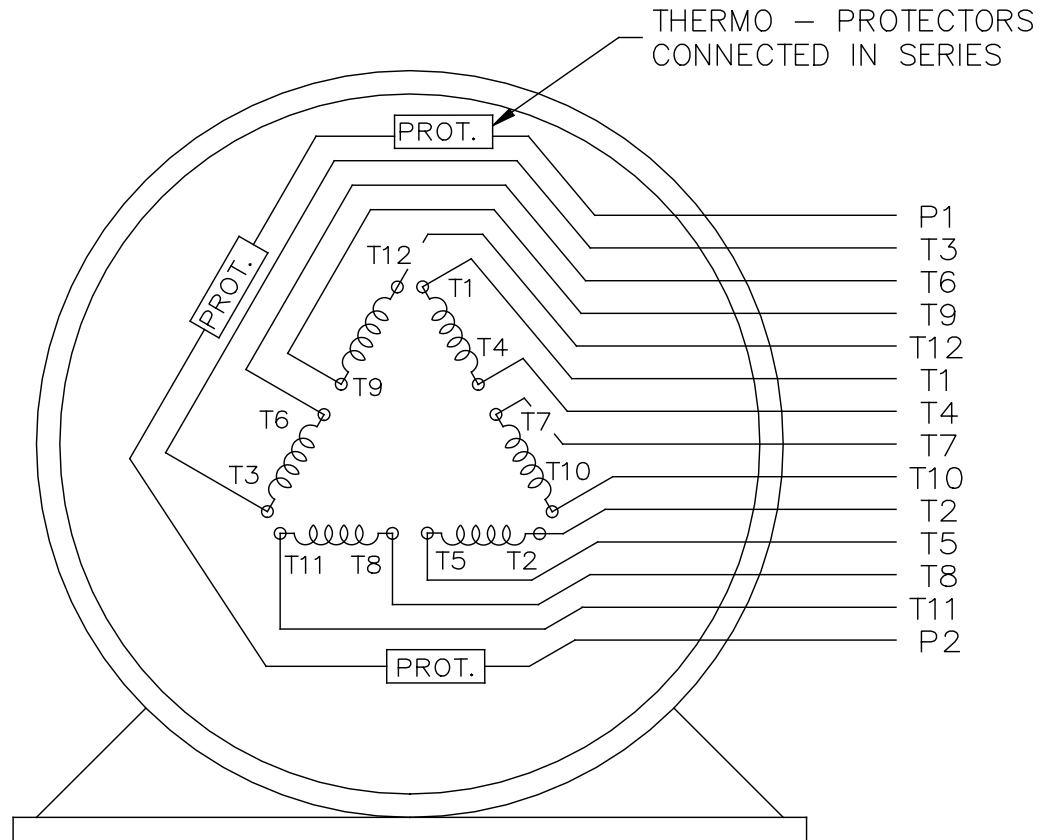
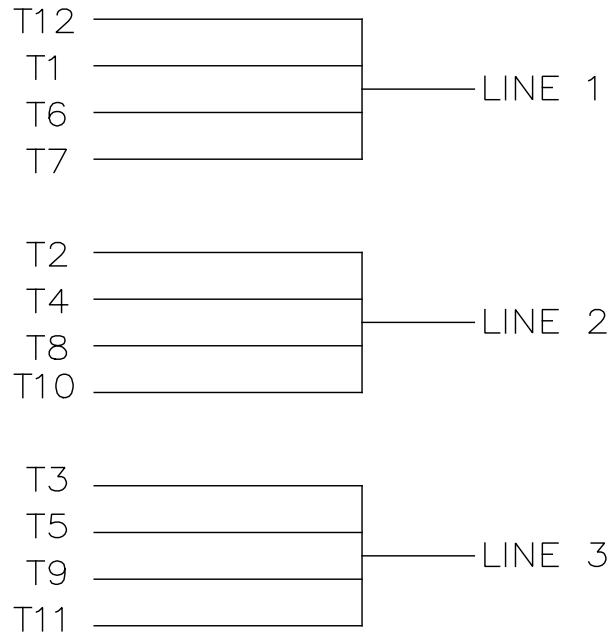
TOLERANCES UNLESS OTHERWISE SPECIFIED:

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]	

REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [0.076/.381] X 45°
CORNER FILLETS: R.02 [51]
MACHINED SURFACES: 200 INCH 5.1 mm
mm SHOWN IN [BRACKETS]

DRAWN BY CM
DATE 3-10-2014
APPROVED BY DJK
DATE 3-14-2014
REFERENCE
THIRD ANGLE PROJECTION

REGAL ™ Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 447/449TS FR. - TEFC - STD. - EX. PR.	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS515927
SHEET 1 OF 1	



VIEW OF TERMINAL END

		TOLERANCES UNLESS SPECIFIED		REGAL REGAL - BELOIT CORPORATION		DRAWN KL 02-27-2003	
		DEC.	INCHES			CHK	GFH 03-03-2003
		.X	± -			APPD	JES 03-03-2003
		.XX	± -	TITLE CONNECTION DIAGRAM - EXTERNAL		SCALE	1=1
		.XXX	± -	12 LEAD SINGLE VOLTAGE		REF	
A	CHANGED TO REGAL TITLEBLOCK ECO-0108299	WGJ	08-18-2016	EMH	.XXXX ± -	MAT'L.	FMF
NO.	REVISION	BY & DATE	CHK	ANG	± -	FINISH	PREV
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