

PRODUCT INFORMATION PACKET



Model No: 326TSTD4036

Catalog No: E791

Other Purpose Motor, 50 & 40 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1800 & 1500 RPM,
326TS Frame, DP

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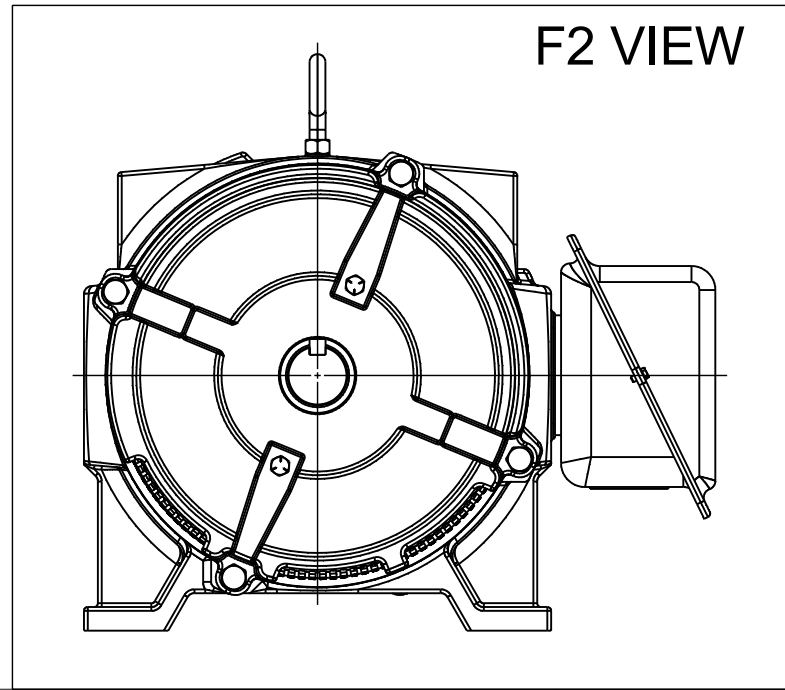


Nameplate Specifications

Phase	3	Output HP	50 & 40 Hp
Output KW	37.0 & 30.0 kW	Voltage	230/460 & 190/380 V
Speed	1770 & 1470 rpm	Service Factor	1.15 & 1.15
Frame	326TS	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	93 & 93 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	123/61.5 & 120/60 A	Power Factor	81.5
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	G
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	12
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Resistance Main	.125 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	26.00 in
Frame Length	15.12 in	Shaft Diameter	1.875 in
Shaft Extension	3.75 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS200079-1512	Connection Drawing	A-EE7308



- | DASH | FRAME | B | C | 2F | BS |
|------|-------|-------------------|-------------------|-------------------|------------------|
| 1362 | 324TS | 13.00
[330.20] | 24.50
[622.30] | 10.50
[266.70] | 5.25
[133.35] |
| 1512 | 326TS | 14.50
[368.30] | 26.00
[660.40] | 12.00
[304.80] | 6.00
[152.40] |

TOLERANCES UNLESS OTHERWISE SPECIFIED:

<u>DEC.</u>	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>
.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 [.076/.381] X 45°
CORNER FILLETS: R.02 [.51]
MACHINED SURFACES: $\frac{200}{\text{INCH}}$ $\frac{5.1}{\text{mm}}$
mm SHOWN IN [BRACKETS]

DRAWN BY JL		 Regal Beloit America, Inc.	
DATE 02-18-1988		DESCRIPTION OUTLINE 320TS FR.-BB-TS-D.E.V.-DR. PR.-CAST IRON	
APPROVED BY LS			
DATE 03-21-1988			
REFERENCE		MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION		SIZE B	DRAWING NUMBER SS200079
			SHEET 1 OF 1



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM	11/20/1990			
5	CHG TO REGAL LOGO	SL 09/10/2015	AB	DEC.	INCHES		CHK	ML	11/21/1990		
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1		APPD	SAS	04/24/2003		
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02		SCALE		1=1		
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	TITLE CONNECTION DIAGRAM 3ø – DUAL VOLTAGE MOTOR		REF			
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005	MAT'L.		FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7°30"	FINISH		PREV			
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