

PRODUCT INFORMATION PACKET

Model No: 324TTFPA7017

Catalog No: M904

Other Purpose Motor, 40 HP, 3 Ph, 60 Hz, 230/460 V, 3600 RPM, 324HPV Frame, TEFC

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Nameplate Specifications



Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	96.0/48.0 A	Speed	3555 rpm
Service Factor	1.15	Phase	3
Efficiency	91 %	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	324HPV	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6311	Opp Drive End Bearing Size	6311
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	.195 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	HP	Overall Length	35.62 in
Frame Length	11.50 in	Shaft Diameter	1.625 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Connection Drawing	A-EE7308	Outline Drawing	B-SS28363-1150



DASH	FRAME	C	AG	BV
1150	324HP	34.12[866.64]	29.62[752.34]	12.31[312.67]
1300	326HP	35.85[910.59]	31.35[796.29]	13.08[331.72]

DRAWING REVISION P		REVISION BY NIV		REV DATE/© DATE 08/11/2022		TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.03 [±0.8] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]				DRAWN BY DRS		<div></div> <div>Regal Beloit America, Inc.</div>			
REQUEST NUMBER		APPROVED BY NIV		DATE 08/11/2022						DATE 11-22-1996					
REQUEST NUMBER DESCRIPTION										APPROVED BY ML		DESCRIPTION			
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										REFERENCE		MATERIAL		PROCESS/FINISH	
						mm DIMENSIONS IN [BRACKETS] ARE FOR REFERENCE ONLY				THIRD ANGLE PROJECTION 		SIZE B		DRAWING NUMBER SS28363	



NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED	DEC.	INCHES	DRAWN RM	11/20/1990
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					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			REF	
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005			FMF	
					±7'30"			PREV	
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