

PRODUCT INFORMATION PACKET



Model No: 132638.00

Catalog No: 132638.00

132638.00..5HP..1760/1450RPM.184TC.TEFC.230/460//190/380V.3PH.60/50HZ.CONT.40C.1.15SF.ROUND.....

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Nameplate Specifications

Phase	3	Output HP	5 & 3 Hp
Output KW	3.7 & 2.2 kW	Voltage	230/460 & 190/380 V
Speed	1760 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	184TCZ	Enclosure	Totally Enclosed Fan Cooled
Thermal Protection	No Protection	Efficiency	89.5 & 88.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.6/6.3 & 10/5 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6207
UL	Recognized	CSA	Y
CE	Y	IP Code	56
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	2.68 Ohms	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Stainless Steel
Shaft Type	Single Special Extension	Assembly/Box Mounting	F1 ONLY
Inverter Load	CONSTANT 3:1		
Outline Drawing	036314-1000	Connection Drawing	005010.01

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4

3

Uncontrolled Copy

2

1

B

B

A

A

LIFT WARNING

"C" $\pm .06$
[387.858]

"AD"
[227.856]

5.74
[145.796]

.12
[3.048]

5.620
[142.748]

.24
[6.096]

5.50
[139.700]

$\phi 8.39$
[213.212]

3.50
[88.900]
FULL DEPTH

.25 SQ. X 3.38 S.S. KEY

$\phi 8.500$
8.497
[215.900]
[215.824]

$\phi 1.1250$
1.1245
[28.574]
[28.561]

(4) 1/2-13 UNC-2B X .75
DEEP ON A $\phi 7.250$ B.C.
WITH PLUGS

7.42
[188.506]

5.95
[151.060]

1.60
[40.679]
REF.

NAMEPLATE

45°

45°

3/4-14 NPT CONDUIT
HOLE WITH PIPE
PLUG INSTALLED

3/4-14 NPT
CONDUIT HOLE


SPECIAL FEATURES:
DOUBLE LIP OIL SEALS BOTH ENDS
GASKETS THROUGHOUT
O-RING SEALED ENDBELLS & THRU BOLTS
LOCKED BEARING W/SEALED LOCK SCREWS


DASH NO.	"C"	"AD"
850	17.14	7.99
900	17.64	8.49
950	18.14	8.99
1000	18.64	9.49

MAXIMUM FACE RUNOUT TO BE .004 T.I.R.
MAXIMUM PILOT ECCENTRICITY TO BE .004 T.I.R.
PERMISSIBLE SHAFT RUNOUT TO BE .002 T.I.R.

DRAWING REVISION A	REVISION BY MVG	DATE 04/04/2017
ECO ECO-0121165	APPROVED BY RG	DATE 04/04/2017
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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	± 0.1	[± 2.5]	$\pm 0.5^\circ$
.XX	± 0.03	[± 0.76]	
.XXX	± 0.005	[± 0.127]	
.XXXX	± 0.0005	[± 0.0127]	
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 125 $\sqrt{\text{INCH}}$ 3.2 $\sqrt{\text{mm}}$ mm SHOWN IN [BRACKETS]			

DRAWN BY MVG	DATE 04/04/2017
APPROVED BY RG	DATE 04/04/2017
REFERENCE	
THIRD ANGLE PROJECTION	

 Regal Beloit America, Inc.	
DESCRIPTION OUTLINE TEFC - "C" FACE	
MATERIAL STAINLESS STEEL DUCK	PROCESS/FINISH
SIZE B	DRAWING NUMBER 036314
SHEET 1 OF 1	

4

3

2

1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.			DRAWN	RDW 04/12/02	
				DEC.	INCHES				CHK		
				.X	±.1				APPD		
				.XX	±.01				SCALE	1=1	
				.XXX	±.005	TITLE	EXTERNAL WIRING DIAGRAM 3 PHASE W/O PROTECTOR			REF	FIG.2-51
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.	DECAL - 004014			FMF	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH				PREV	
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