

PRODUCT INFORMATION PACKET

Model No: 184TPNSB10603
Catalog No: 184TPNSB10603
5,1800,TENV,184JM,3/90/230/460

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Nameplate Specifications

Output HP	5 Hp	Output KW	3.7 kW
Frequency	90 Hz	Voltage	230/460 V
Current	11.6/5.8 A	Speed	1800 rpm
Service Factor	1	Phase	3
Efficiency	94.9 %	Power Factor	86
Duty	Continuous	Insulation Class	H
Design Code	No Design Code	KVA Code	N/A
Frame	184JM	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	Thermostat	Ambient Temperature	50 °C
Drive End Bearing Size	6207	Opp Drive End Bearing Size	6206
UL	Recognized	CSA	N
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	AC Permanent Magnet	Starting Method	Inverter Only
Poles	6	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	JM	Shaft Diameter	1.125 in
Assembly/Box Mounting	F1 ONLY		
Connection Drawing	EE7308T	Outline Drawing	036453-800

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HIGH VOLTAGE



NOTE FOR FACTORY USE ONLY:
 TO SURGE TEST FOR COMMON CONNECT:
 HIGH VOLT: CONNECT P1 TO T1
 THEN P2 TO L1
 LOW VOLT: CONNECT P1 TO T1 & T7,
 THEN P2 TO L1

LOW VOLTAGE

THREE PHASE
DUAL VOLTAGE MOTOR

VIEW OF TERMINAL END

NOTE: LEAD'S COLOR CAN BE YELLOW OR WHITE FOR MT2 PLANT

DRAWING REVISION T	REVISION BY ZR	DATE 01-14-2019
ECO ECO-0159915	APPROVED BY DR	DATE 01-15-2019

ECO DESCRIPTION
ADDED TERMINAL CONNECTION DIAGRAM

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DRAWN BY
SMC

DATE
05-13-1992

APPROVED BY
TB

DATE
05-13-1992

REFERENCE
EE7308/EE7300

THIRD ANGLE
PROJECTION



Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-INTERNAL
 3 PHASE - DUAL VOLTAGE MOTOR

MATERIAL

PROCESS/FINISH

SIZE
A

DRAWING NUMBER

EE7308T

SHEET
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