

PRODUCT INFORMATION PACKET



Model No: B199590.00
Catalog No: B199590.00
OBSOLETE REPLACED BY 184TTDBD6032

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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	1765 & 1475 rpm	Service Factor	1.15 & 1.15
Frame	184JM	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	89.5 & 89.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	12.6/6.3 & 9.8/4.9 A	Power Factor	82.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	J
Drive End Bearing Size	6307	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	2.688 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JM	Assembly/Box Mounting	F1/F2 CAPABLE
Inverter Load	CONSTANT 2:1/VARIABLE 10:1		
Outline Drawing	SS600204	Connection Drawing	EE7308

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				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		TITLE CONNECTION DIAGRAM		SCALE	1=1	
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005	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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