

PRODUCT INFORMATION PACKET



Model No: 199773.00

Catalog No: 199773.00

OBSOLETE Replaced by B199773.00 - ..7.5..3600.184JP.ODP.230/460.3.60/50HZ.CONT.40C..RIGID C-FACE...

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Nameplate Specifications

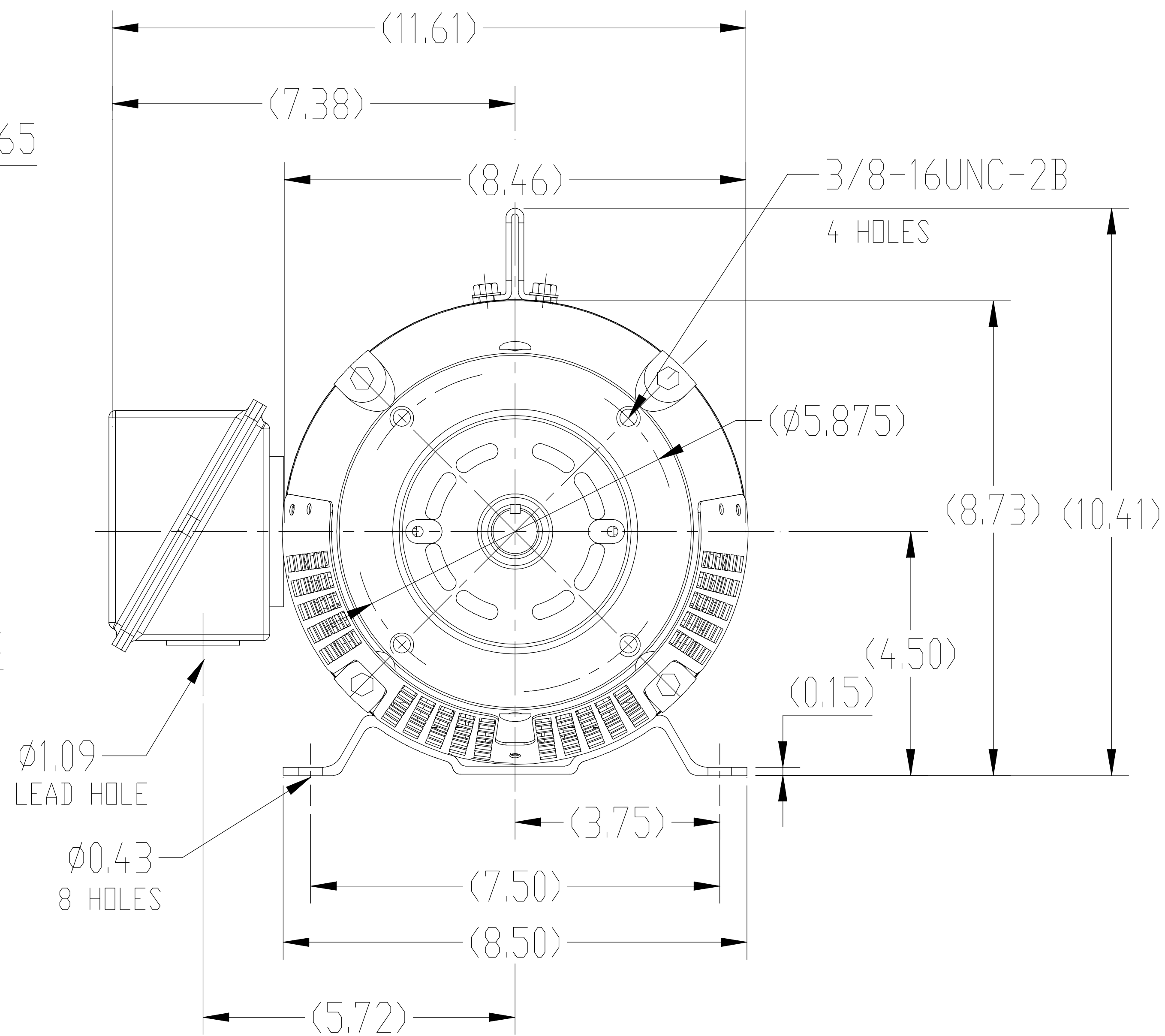
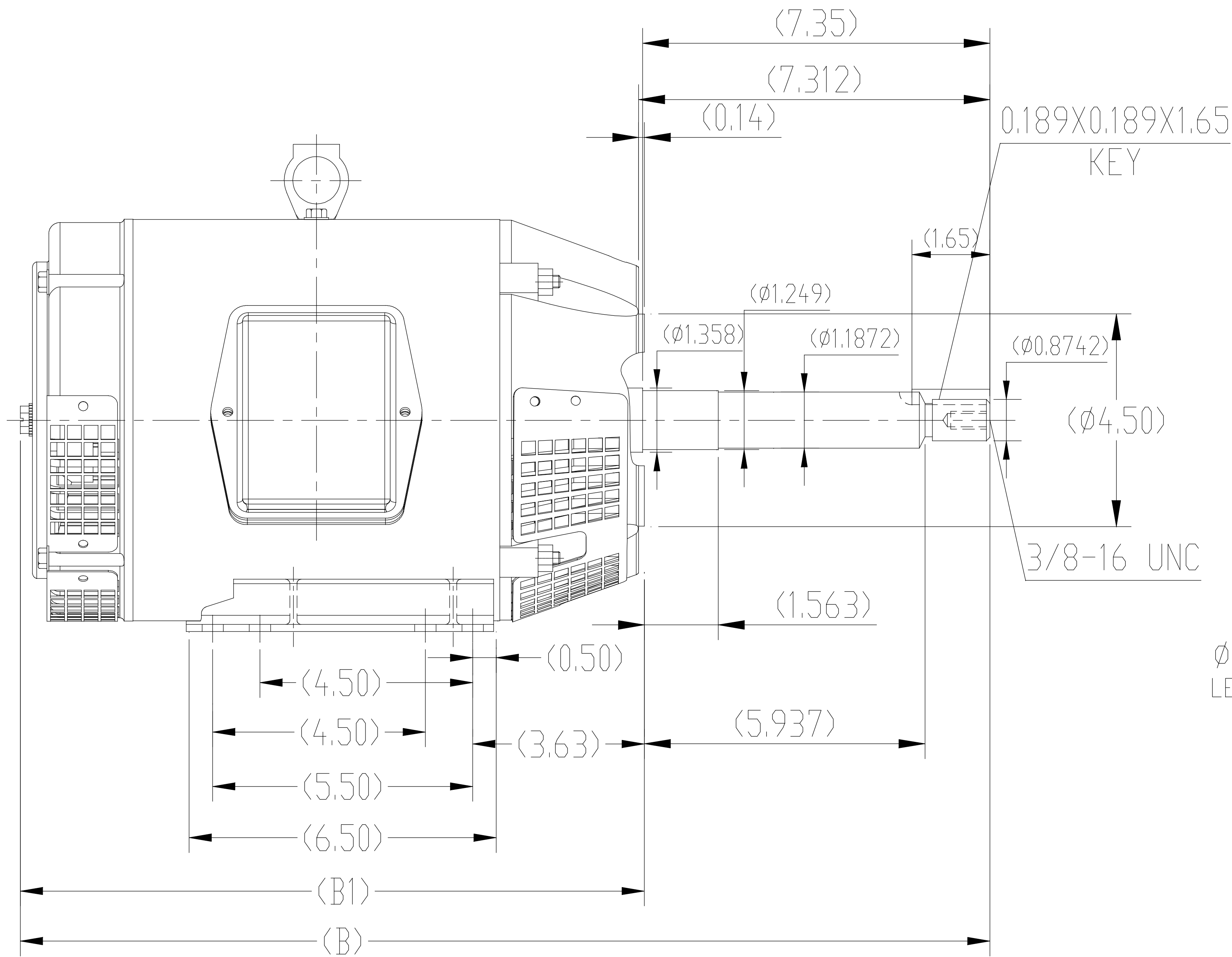
Phase	3	Output HP	7.50 & 5 Hp
Output KW	5.6 & 3.7 kW	Voltage	230/460 & 190/380 V
Speed	3500 & 2917 rpm	Service Factor	1.15 & 1.15
Frame	184JP	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	88.5 & 87.5 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	18/9 & 14.4/7.2 A	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	H
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	2	Rotation	Reversible
Resistance Main	1.65 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	JP	Assembly/Box Mounting	F1 ONLY
Inverter Load	VARIABLE 10:1		
Outline Drawing	SS620859-184JP	Connection Drawing	EE7308_LE

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SS620859

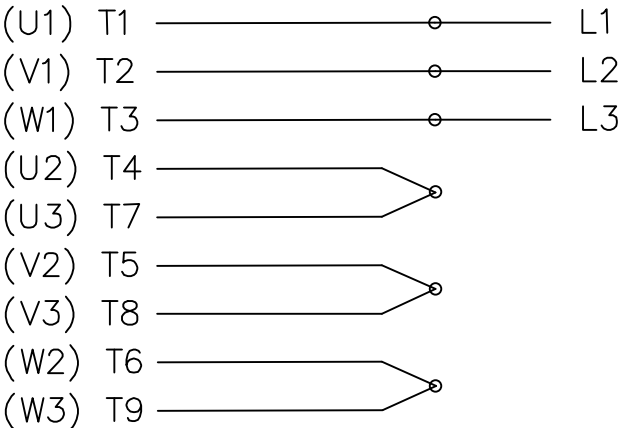


182JP	12.09	19.44
184JP	13.11	20.46
FRAME	B1	B

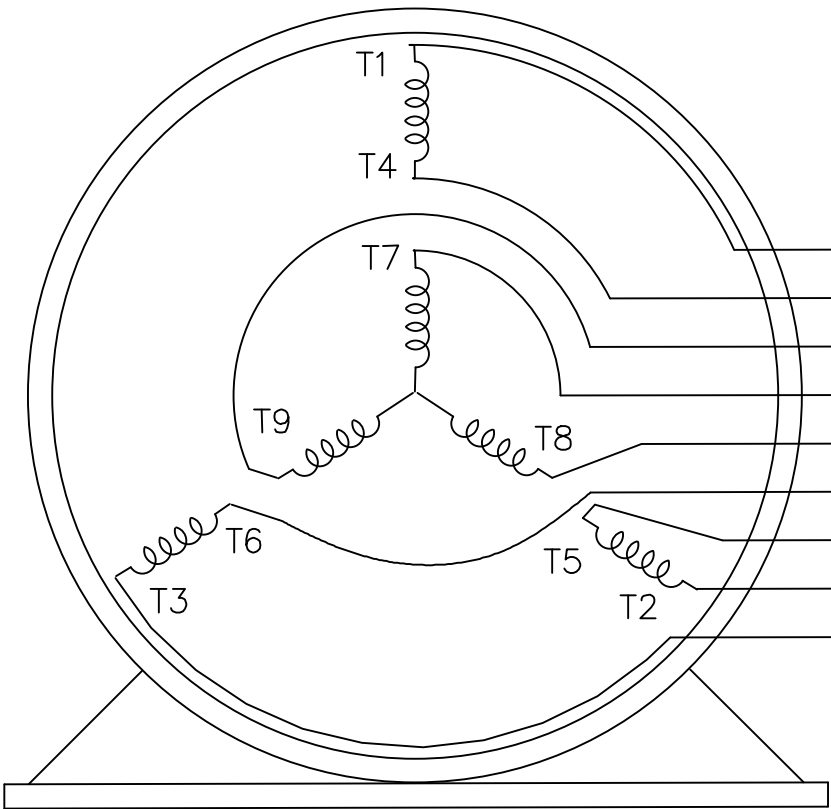
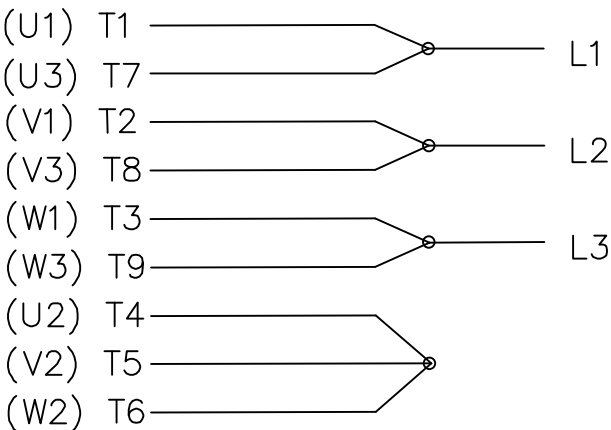
			TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION		DRAWN WY 5-9-2017	
			DEC.	INCHES			CHK ZXW 5-9-2017	
			.X	±.1			APPD ZYH 5-9-2017	
			.XX	±.03	TITLE		SCALE 1=4	
			.XXX	±.005	ODP-182/184JP FR-ROLLED STEEL		REF	
A	RELEASED FOR PRODUCTION	ECD-0093138	WGJ 09-06-17	EMH .XXXX	±.0005	MAT'L.	FMF Wuxi	
NO.	REVISION	BY & DATE	CHK	ANG	±1/2	FINISH	PREV	
THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT			RFP		CAD FILE		SIZE	DRAWING NO.
			DIST		SS620859		B	SS620859
								REV. A

THREE PHASE DUAL VOLTAGE MOTOR

HIGH VOLTAGE



LOW VOLTAGE




T1 (U1)
 T4 (U2)
 T9 (W3)
 T7 (U3)
 T8 (V3)
 T6 (W2)
 T5 (V2)
 T2 (V1)
 T3 (W1)

VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
 T6BZ, T2B, T6BL, T4AV, T6B, T4B

			TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 04-29-2002		
			DEC.	INCHES		CHK	ML	05-03-2002
			.X	±.1	TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	APPD	GK	05-03-2002
			.XX	±.01		SCALE 1=1		
2	ADDED IEC NOTATIONS... (U1), (V1) ETC. (MU105786)	REP 01-11-2012	DR	.XXX ±.005	MAT'L.	REF		
1	NEW DRAWING	HLB 05-03-2002	ML	.XXXX ±.0005		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	FINISH	PREV		
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			DIST LB-WP			A	EE7308-LE	2



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CONN. DIAGRAM: EE7308_LE

CATALOG #: 199773.00

OUTLINE: SS620859

MOUNTING: F1 ONLY

WINDING #: CHT18420006 1

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
7 1/2&5	5.60&3.70	3600	3500&2917	184JP	DP	H	B

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60/50	230/460&190/380	18/9&14.4/7.2	LINE OR INVERTER	CONTINUOUS	F5	1.15/1.15	40

FULL LOAD EFF:	88.5&87.5	3/4 LOAD EFF:	88.5	1/2 LOAD EFF:	87.5	GTD. EFF		ELEC. TYPE
FULL LOAD PF:	88&86	3/4 LOAD PF:	86	1/2 LOAD PF:	77	87.5		SQ CAGE INV RATED

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
11.2 LB-FT	136 / 68	28 LB-FT 250 %	40.5 LB-FT 362 %	60

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
71 dBA	81 dBA	0.28 LB-FT^2	15 LB-FT^2	10 SEC.	2	95 LBS.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	RODENT	BLUE - LEESON (ENAMEL)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	ODE						
BALL	BALL	POLYREX EM	JP	NONE	NONE	1045 HOT ROLLED (C-204)	ROLLED STEEL
6307	6205						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	NONE	NONE	NONE	FALSE	NONE VOLTS

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INVERTER TORQUE: VARIABLE 10:1

INV. HP SPEED RANGE: NONE

ENCODER: NONE

NONE NONE

NONE NONE PPR

BRAKE: NONE NONE

NONE P/N NONE

NONE NONE

NONE FT-LB NONE V NONE Hz