

PRODUCT INFORMATION PACKET

Model No: 6805LHDS17063
Catalog No: 6805LHDS17063
1200,1800,DPFV,6805LZ,3/60/460

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Nameplate Specifications

Output HP	1200 Hp	Output KW	900.0 kW
Frequency	60 Hz	Voltage	460 V
Current	1300.0 A	Speed	1788 rpm
Service Factor	1	Phase	3
Efficiency	97.2 %	Power Factor	88.5
Duty	Continuous	Insulation Class	H
Design Code	INV	KVA Code	H
Frame	6805TZ	Enclosure	DPFV
Thermal Protection	Thermostat	Ambient Temperature	40 °C
Drive End Bearing Size	6326	Opp Drive End Bearing Size	6326
UL	No	CSA	N
CE	N	IP Code	12
Number of Speeds	1		

Technical Specifications

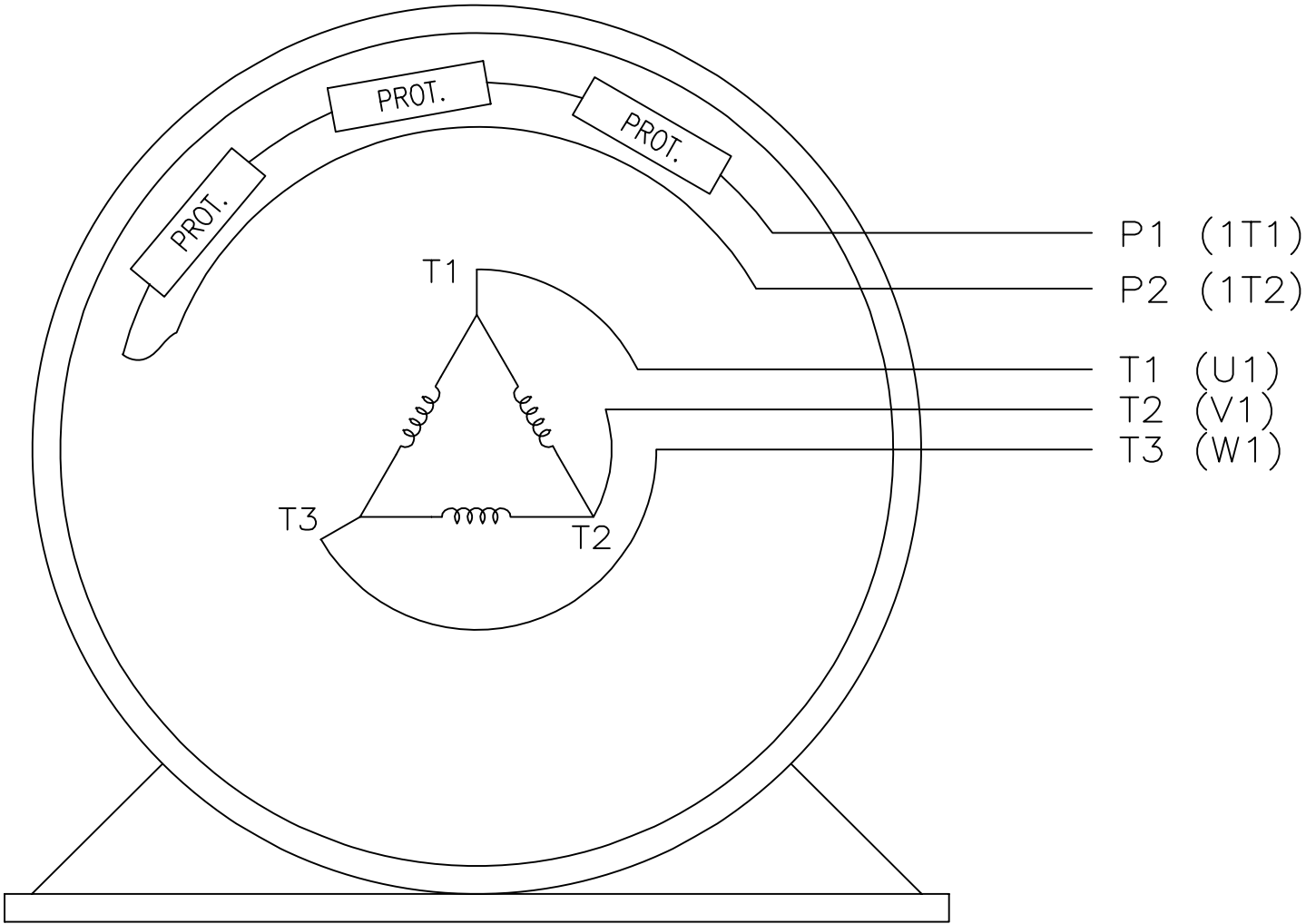
Electrical Type	Squirrel Cage Inverter Duty	Starting Method	Inverter Only
Poles	4	Rotation	Reversible
Resistance Main	.0024 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	Special Extension Both Sides	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS556166-3400	Connection Drawing	A-EE7300S

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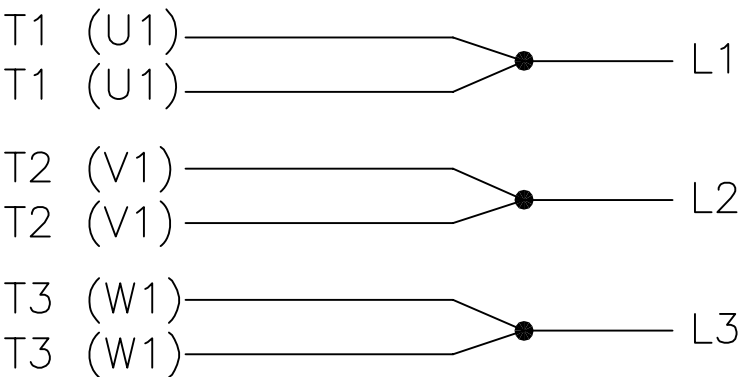
EE7300S

THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS




IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

				TOLERANCES UNLESS SPECIFIED		 REGAL-BELOIT CORPORATION	DRAWN KL 12-15-1999				
				DEC.	INCHES		CHK DJK 12-15-1999				
							APPD DJK 12-15-1999				
F	UPDATED TITLE BLOCK		HV 02-27-2014	EWB	.X	± -	TITLE CONNECTION DIAGRAM – EXTERNAL SINGLE VOLTAGE 3Ø MOTOR				
3	REMOVED "N.C." FROM PROT.'S MU61770		JJB 08-02-2010		.XX	± -					
2	ADDED IEC MARKINGS MU61770		KL 09-16-2004	EAB	.XXX	± -					
1	NEW DRAWING		KL 12-16-1999		.XXXX	± -	MAT'L.				
NO.	REVISION		BY & DATE	CHK	ANG	± -	FINISH				
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 ee7300s		SIZE	DRAWING NO.	PAGE OF	REV.
				DIST WA-LB-SB				A	EE7300S		F



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER:
ORDER #:
CONN. DIAGRAM: A-EE7300S
OUTLINE: B-SS556166-3400
WINDING: T6854001 R4 1
SPEED:

CUSTOMER P.O. #:
REFERENCE MODEL #: 6805LHDS17063
CAT #: N/A
CUSTOMER PART #:
MOUNTING: F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
1200	895	1800	1788	6805TZ	DPFV	TDV	H	INV

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	460	1300	INVERTER ONLY	CONT	H	1.15	40	3300

F.L. EFF	97.2	3/4 LD EFF	97.5	1/2 LD EFF	97.2	GTD EFF	ELECT. TYPE
F.L. PF	88.5	3/4 LD PF	86.0	1/2 LD PF	80.0	96.5	SQ CAGE INV DUTY

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (° C)
3,525 LB-FT	9,850	3,100 LB-FT 88%	10,200 LB-FT 289%	85

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APROX.	MOTOR WGT
100 dBA	109 dBA	600 LB-FT ²	LB-FT ²	15 SEC.	2	6872	LB.

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	ENCODER	RIGID	HORIZONTAL	NO	NONE	NO	NONE	BLUE (ENAMEL)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE BALL	POLYREX EM	DBL SPL EXT	5.00 x 9.50 IN SEK	4.50 x 9.50 IN SEK	1045 HOT ROLLED (C-204)	CAST IRON
6326	6326					

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
TSTATS (N/C)	NOT	NONE	NONE	NONE	FALSE	NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0.002	0.001	0.022	0.016	0.71	0.150	ODE

* N O T E s	INVERTER TORQUE: CONSTANT 2000:1 INV. HP SPEED RANGE: 1.2 X BASE SPEED			
	ENCODER: AVTRON AV850 EPIC CONNECTOR 1024 PPR			
	BRAKE: NONE NONE NONE			
	FT-LB: NA VOLTAGE: NONE HZ:			
	UL: NONE			

PREPARED BY:
DATE: 9/19/2022
FORM: 3531 REV. 4 2/27/06