

# PRODUCT INFORMATION PACKET

Model No: 056T34F99023  
Catalog No: KG234A  
1,3600,TEFC,56J,3/60/230/460  
Jet Pump



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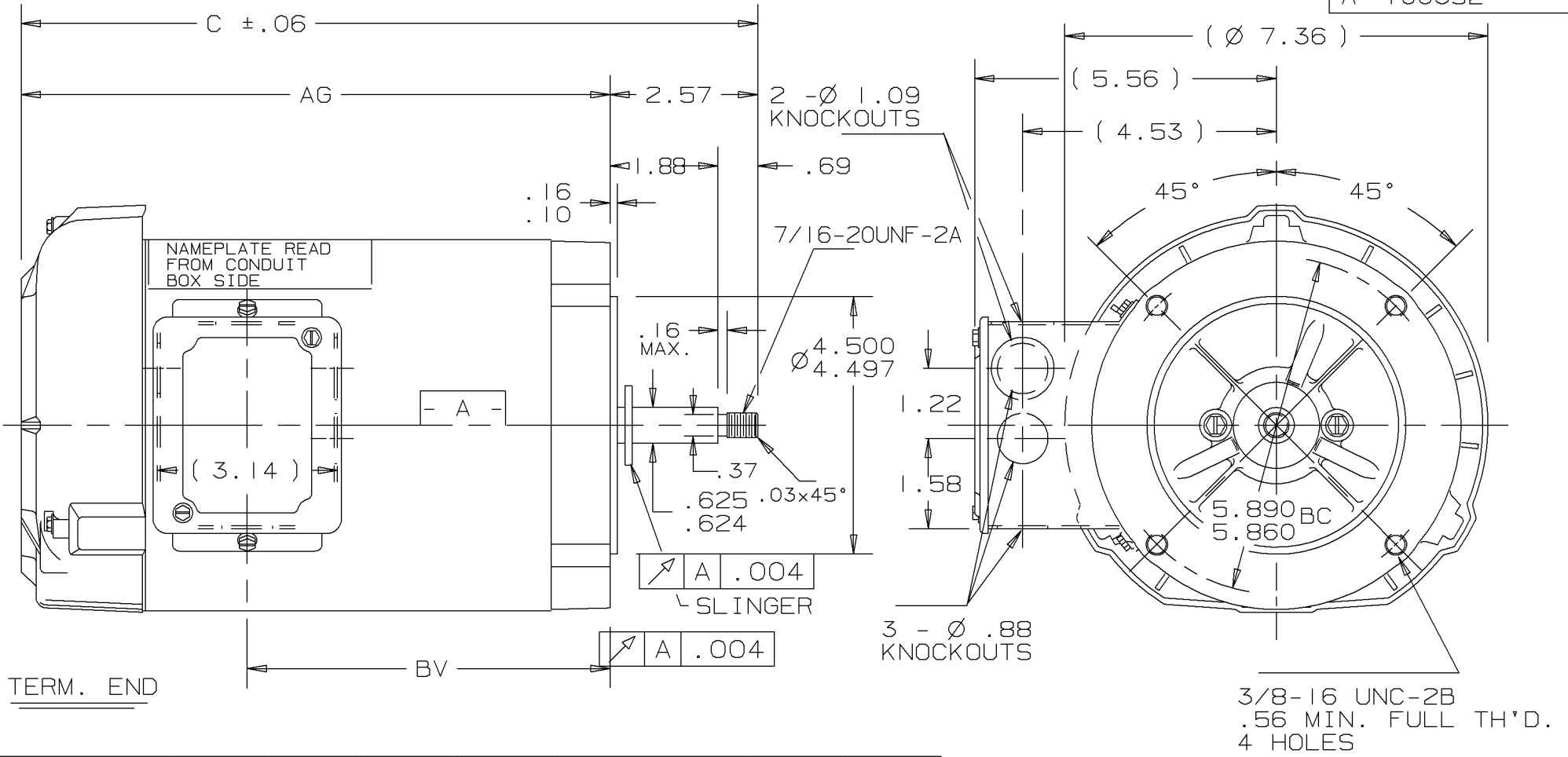
### Nameplate Specifications

Output HP	<b>1 Hp</b>	Output KW	<b>0.75 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>230/460 V</b>
Current	<b>3.0/1.5 A</b>	Speed	<b>3450 rpm</b>
Service Factor	<b>1.4</b>	Phase	<b>3</b>
Efficiency	<b>78.5 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>J</b>	Frame	<b>56J</b>
Enclosure	<b>Totally Enclosed Fan Cooled</b>	Overload Protector	<b>No</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>43</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>2</b>	Rotation	<b>Reversible</b>
Mounting	<b>Round</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>Rolled Steel</b>	Shaft Type	<b>J</b>
Overall Length	<b>12.32 in</b>	Frame Length	<b>6.56 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>2.57 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>A-100352-656</b>	Connection Diagram	<b>EE7308</b>

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DASH	FR.	C	AG	BV	DASH	FR.	C	AG	BV
606	56-60	11.82	9.25	5.31	806	56-80	13.82	11.25	7.31
656	"-65	12.32	9.75	5.81	856	"-85	14.32	11.75	7.81
706	"-70	12.82	10.25	6.31	906	"-90	14.82	12.25	8.31
756	"-75	13.32	10.75	6.81	956	"-95	15.32	12.75	8.81

**NOTES:**  
CONDUIT BOX CAN BE ROTATED 180°

				125 SURFACE ROUGHNESS UNLESS NOTED OTHERWISE		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL ON XX±.03 XXX±.005 XXXX±.0005 ANGLES± 1°			
				MATL SPEC		NEMA JET PUMP		DRAWN BY GK	10-2-89
2	3-20-90	REISSUE SLINGER ADDED			GK	 <b>MARATHON ELECTRIC</b> WAUSAU, WISCONSIN 54401		CHKD BY	
1	10-2-89	NEW DRAWING			GK			APPD BY	
REV	DATE	CHANGE			NAME	PART NAME OUTLINE 56 FR - BB - TEFC - C-FACE - 3Ø			DRWG NO A- 100352

EE7308

THREE PHASE  
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

REF.  
WINDING DIAGRAM

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

OPTIONAL CORD  
CONNECTION

L1 — WHITE  
L2 — RED  
L3 — BLACK

NO.	REVISION	BY & DATE	CHK	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					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				
					±7'30"			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 ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					





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

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER P.O. #:   
 ORDER #: EE7308  
 REFERENCE MODEL #: 56T34F99023  
 CONN. DIAGRAM: A-100352-656  
 CAT #: KG234A  
 OUTLINE: ZT2107 R4 3  
 CUSTOMER PART #:   
 WINDING: ZT2107  
 MOUNTING: F1 ONLY  
 SPEED:   
 TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
1	0.75	3600	3485	56J	TEFC	TEF	J	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	230/460#190/380	3/1.5&2.6/1.3	ACROSS-THE LINE	CONT	B	1.15	40	3300
	F.L. EFF	78.5	3/4 LD EFF	79.4	1/2 LD EFF	73.9	GTD EFF	ELECT. TYPE	
	F.L. PF	79.1	3/4 LD PF	75.8	1/2 LD PF	64.0	72.0	SQ CAGE IND RUN	

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)
1.50 LB-FT	10.0	3.2 LB-FT	4.8 LB-FT	320%
@ 3 FT.	POWER	ROTOR WK <sup>2</sup>	MAX. LOAD WK <sup>2</sup>	SAFE STALL TIME
68 DBA	77 DBA	0.02 LB-FT <sup>2</sup>	2 LB-FT <sup>2</sup>	2 SEC.
				START/SHOUR
				2
				MOTOR WGT
				22 LB.

\*\*\* SUPPLEMENTAL INFORMATION \*\*\*

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
C-FACE	STANDARD	ROUND	HORIZONTAL	NO	NONE	NO	NONE	GRAY (POWDER)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE BALL 6203	POLYREX EM	JET PUMP	NONE	NONE	416 STAINLESS (C-509)	ROLLED STEEL

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS
NONE	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
12.07	6.362	17.324	11.246	349.32	0.150	ODE

* N		INVERTER TORQUE: NONE	
O		INV. HP SPEED RANGE: NONE	
T		ENCODER: NONE	
E		BRAKE: NONE	
S		FT-LB: NA	
		VOLTAGE: NONE	
		HZ:	

PREPARED BY: FAREEDA DUDEKULA  
 DATE: 9/17/2018  
 FORM: 3531 REV 4 2/27/06  
 UL: V-INS, CONST UL REC

