

PRODUCT INFORMATION PACKET

Model No: 056T34D15597
Catalog No: G289A
3,3600,DP,56C,3/60/230/460
Open Drip Proof (ODP)



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Nameplate Specifications

Output HP	3 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	7.2/3.6 A	Speed	3450 rpm
Service Factor	1.15	Phase	3
Efficiency	85.5 %	Duty	Continuous
Insulation Class	B	Design Code	B
KVA Code	P	Frame	56C
Enclosure	Drip Proof	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Mounting	Round	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	14.03 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 Out ODE Brkt Radial
Outline Drawing	056T34D15597	Connection Diagram	D0000561-001

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DATA VOLTS: 460

CERTIFICATION DATA SHEET

CUSTOMER: _____ CUSTOMER P.O. #: _____
 ORDER #: _____ REFERENCE MODEL #: 56T34D15597
 CONN. DIAGRAM: D0000561-001 CAT #: _____
 WINDING: ZT201 DR 3 CUSTOMER PART #: _____
 MOUNTING: F1 OUT ODE BRKT RADIAL
 SPEED: _____

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
3	2.2	3600	3490	56C	DP	TDR	J	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60/50	208-230/460#190/380	8.9-8.4/4.28/7/3.5	ACROSS THE LINE	CONT	B	1.15	40	3300
F.L. EFF		84.0	3/4 LD EFF	84.0	1/2 LD EFF	82.5	GTD EFF	ELECT. TYPE	
F.L. PF		82.0	3/4 LD PF	76.0	1/2 LD PF	65.0	81.5	SQ CAGE IND RUN	
F.L. TORQUE		LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (° C)	
4.5 LB-FT		30.0		10.0 LB-FT		15.0 LB-FT		333%	
@ 3 FT.		POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT		
68 DBA		77 DBA	0.04 LB-FT²	5 LB-FT²	8 SEC.	2	32 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 ODE							
BALL BALL	POLYREX EM	STANDARD 56	NONE	NONE	144	STRESSPROOF (C-22)	ROLLED STEEL
6203 6203							

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 ODE
0	0	0	0	0	0.150	

* _____		INVERTER TORQUE: NONE	
NO _____		INV. HP SPEED RANGE: NONE	
T _____		ENCODER: NONE	
E _____		NONE	
S _____		NONE	
* _____		BRAKE: NONE	
		NONE	
		FT-LB: NA	
		VOLTAGE: NONE	
		NONE	
		PPR	

PREPARED BY: EARL BABBITTS
 DATE: 13-07-17
 FORM: 3531 REV. 4 2/27/06
 UL: V-INS. CONST UL REC