

# PRODUCT INFORMATION PACKET

Model No: 056T17D2092  
Catalog No: K004  
1,1800,DP,56,3/60/230/460  
Open Drip Proof (ODP)



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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>208-230/460 V</b>
Current	<b>3.5-3.2/1.6 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>3</b>
Efficiency	<b>77 %</b>	Duty	<b>Continuous</b>
Insulation Class	<b>B</b>	Design Code	<b>B</b>
KVA Code	<b>H</b>	Frame	<b>56</b>
Enclosure	<b>Drip Proof</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>12</b>		

### Technical Specifications

Electrical Type	<b>Squirrel Cage Induction Run</b>	Starting Method	<b>Across The Line</b>
Poles	<b>4</b>	Rotation	<b>Reversible</b>
Mounting	<b>Rigid base</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>T</b>
Overall Length	<b>11.32 in</b>	Frame Length	<b>7.22 in</b>
Shaft Diameter	<b>0.625 in</b>	Shaft Extension	<b>1.88 in</b>
Assembly/Box Mounting	<b>F1 ONLY</b>		
Outline Drawing	<b>52A111263P1</b>	Connection Diagram	<b>113A930FIG2</b>

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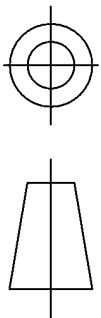
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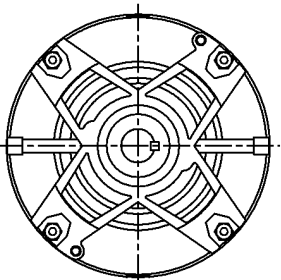
REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
1	UPDATED AS PER IS05-1826	09/06/05	PRAVEEN . K

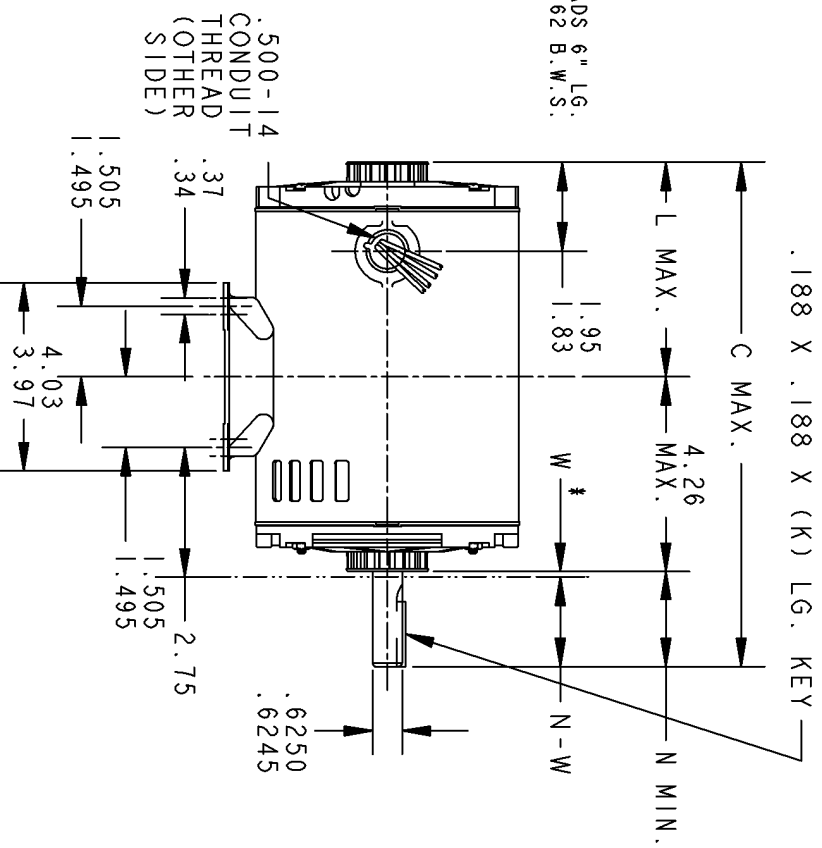
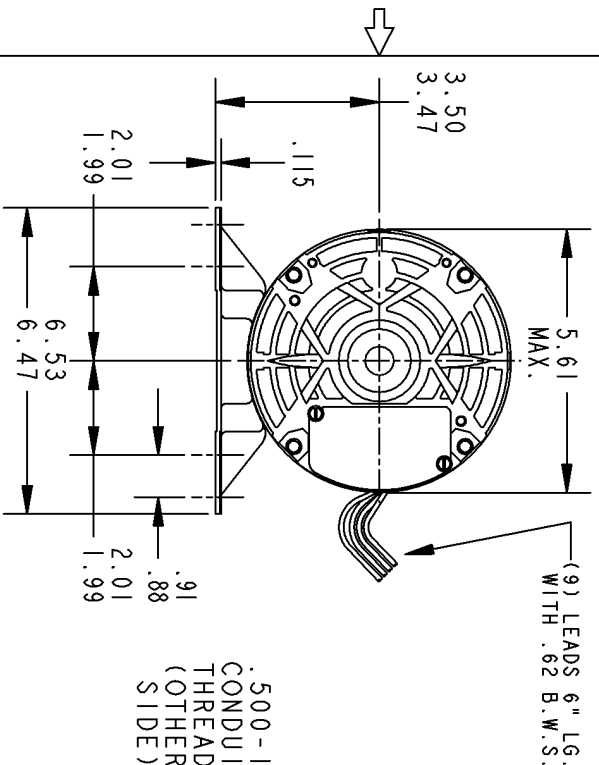
THIRD ANGLE PROJECTION



52A111263 1



VIEW SHOWING P.E. VENTILATION OPENINGS



W † IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY.

I	K	38	56Z	11.32	1.38	5.23	1.88	2.01/1.79
P	TYPE	GE	NEMA	C	K	L	N	N - W
		SIZE	FR					

FOR ADDITIONAL INFO REFER TO: SIGNATURES DATE

APPLIED PRACTICES	MODEL	DETAIL	DATE
DIMENSIONS ARE IN INCHES	MANTRI . U	MANTRI . U	11/10/04

TOLERANCE ON: 1 PL DECIMALS ± 0.1, 2 PL DECIMALS ± 0.02, 3 PL DECIMALS ± 0.005

FINISH	ISSUED	MANTRI . U	11/10/04
✓	QUALITY		

MATERIAL SOLID MODEL: 52A111263



REGAL-BELOTT CORPORATION

OUTLINE

FORM N - GENERAL PURPOSE MOTOR  
DRIP PROOF - WELDED BASE - BALL BEARING

SIZE: DRAWING A  
52A111263 REV 1

SCALE: 0.003 REF. No: SHEET 1 of 1

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REV.	DESCRIPTION	DATE	APPROVED
1	CHG TO RBC FORMAT PER IS05-1777	06/15/06	MADHU
2	RENAMED 113A930-FIG-2 TO 113A930FIG2 PER IS07-0972	05/08/07	MADHU

THIRD ANGLE PROJECTION

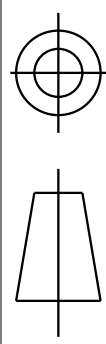
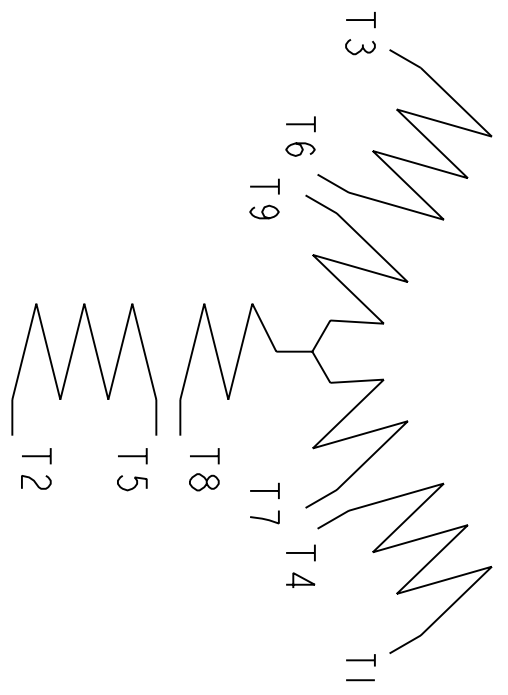


FIG. 2  
3 PHASE



	VOLTS	L1	L2	L3	TOGETHER
2Y	LOW	1-7	2-8	3-9	4-5-6
1Y	HIGH	1	2	3	4-7, 5-8, 6-9

BRAKE MOTORS : CONNECT BRAKE LEADS  
B1 & B2 TO MOTOR  
LEADS T7 & T8.

FOR ADDITIONAL INFO REFER TO:		SIGNATURES		DATE
APPLIED PRACTICES	MODEL	M.D. PAPE	02/23/03	
DIMENSIONS ARE IN INCHES				
TOLERANCE ON:				
1 PL DECIMALS ± 0.1				
2 PL DECIMALS ± 0.02				
3 PL DECIMALS ± 0.005				
ANGLES ± 1.0				
FRACTIONS ±				
FINISH	QUALITY	M.D. PAPE	02/23/03	
	ISSUED			
MATERIAL	SOLID MODEL: 113A930FIG2			
<p>REGAL-BELOIT CORPORATION</p>		TITLE		
		CONNECTION DIAGRAM		
SIZE: DRAWING A		SCALE: 1.000		REF. No.:
113A930FIG2		REV		2
SHEET 1 of 1				

**CERTIFICATION DATA SHEET**

Model#: 56T17D2092 K WINDING#: 52X331750P1 NONE 0  
 CONN. DIAGRAM: 113A930FIG2 ASSEMBLY: F1 ONLY  
 OUTLINE: 52A111263P1

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&3/4	.75&.56	1800	1725&1425	56	DP	H	B

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
3	60/50	208- 230/460#190/ 380	3.53-3.2/1.6	ACROSS THE LINE	CONTINUOU S	B3	1.15/1.15	40	3300

FULL LOAD EFF: 77	3/4 LOAD EFF: 76.5	1/2 LOAD EFF: 73.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
			74	SQ CAGE IND RUN	2.2 / 1.1

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
49.3 LB-FT	19.6 / 9.8	175 LB-FT 355	190 LB-FT 385	0

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0 LB-FT^2	- LB-FT^2	10 SEC.	2	26 LBS.

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

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	FALSE	NONE	FALSE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE	POLYREX EM	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
BALL	BALL						
6203	6203						

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

If Inverter equals NONE, contact factory for further information

\*  
N  
O  
T  
E  
S  
\*

INVERTER TORQUE: NONE
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

DATE: 06/28/2017 05:44:11 AM  
 FORM 3531 REV.3 02/07/99  
 \*\* Subject to change without notice.

Data Sheet

Date: 8/29/2018

56T17D2092

Customer: \_\_\_\_\_  
Attention: \_\_\_\_\_



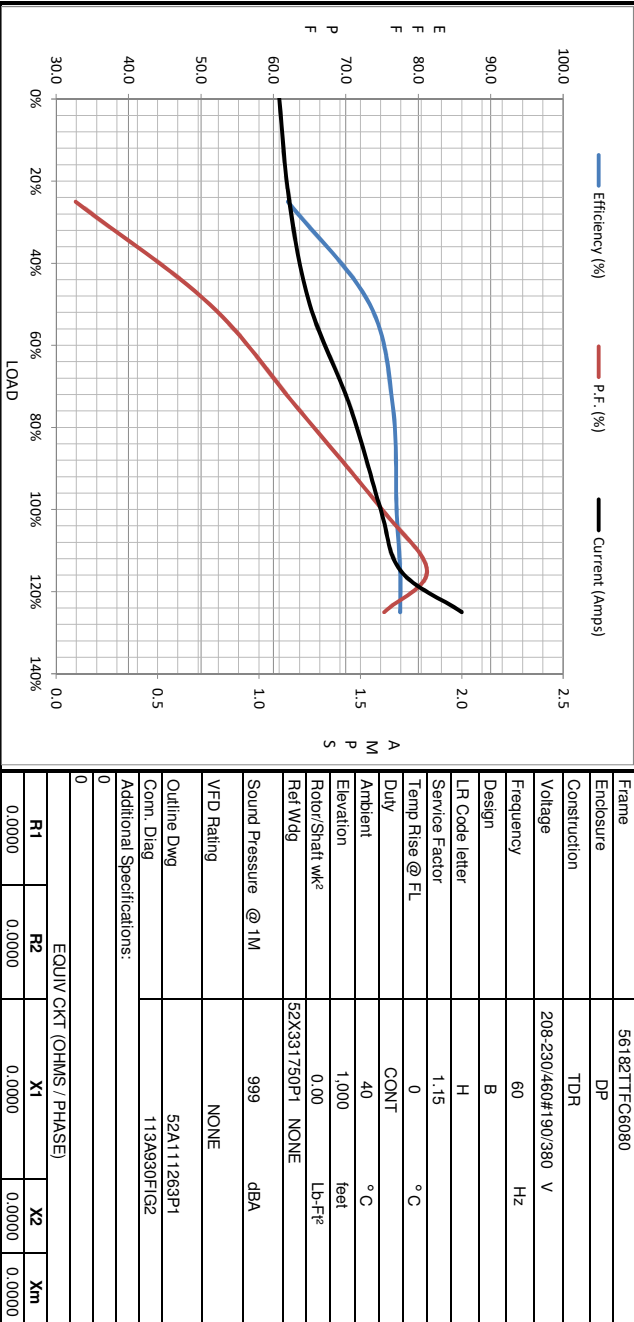
Submital

Submitted by: FAREEDA DUDEKULA

Data @ 460 V

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%	LR	
Current (Amps)	1.10	1.15	1.25	1.45	1.60	1.70	2.00	9.8	
Torque (ft-lb)	0.00	138	383	581	787	914	1,001	2,793	
RPM	1800	1775	1755	1728	1700	1,680	1670	0	
Efficiency (%)		62.0	73.3	76.5	77.0	77.5	77.5		
P.F. (%)	13.7	32.7	51.2	63.2	75.0	81.2	75.3	0.0	

Motor Speed Data					Information Block				
LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction
0	125	775	1700	1800	1.0	1800	56T182TTC6080	DP	TDR
9.8	9.6	7.7	1.60	1.10					208-230/460#190/380 V
2,793	2,793	3,032	787	0.00					60 Hz
									B
									H
									1.15
									0 °C
									CONT
									40 °C
									1,000 feet
									0.00 Lb-Ft
									52X331750F1 NONE
									999
									dBa
									NONE
									52A111283P1
									113A930FIG2



Additional Specifications:				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000
EQUIV CKT (OHMS / PHASE)				
0				
0				
Outline Dwg 52A111283P1				
Conn. Diag 113A930FIG2				
VFD Rating NONE				
Sound Pressure @ 1M 999 dBa				
Ret Wdg 52X331750F1 NONE				
Elevation 1,000 feet				
Ambient 40 °C				
Temp Rise @ FL 0 °C				
Service Factor 1.15				
LR Code letter H				
Design B				
Frequency 60 Hz				
Voltage 208-230/460#190/380 V				
Construction TDR				
Enclosure DP				
Frame 56T182TTC6080				
Sync. RPM 1800				
HP 1.0				

