

PRODUCT INFORMATION PACKET



Model No: A4T17DJ26A

Catalog No: E101520.00

..1/3HP..1725RPM.S56.DP.230/460V.3PH.60HZ.CONT.40C.1.35SF.RESILIENT BASE...AUTOMATIC.....

Open Drip Proof (ODP)



Regal and Leeson are trademarks of Regal Beloit Corporation or one of its affiliated companies.

©2018 Regal Beloit Corporation, All Rights Reserved. MC017097E

REGAL



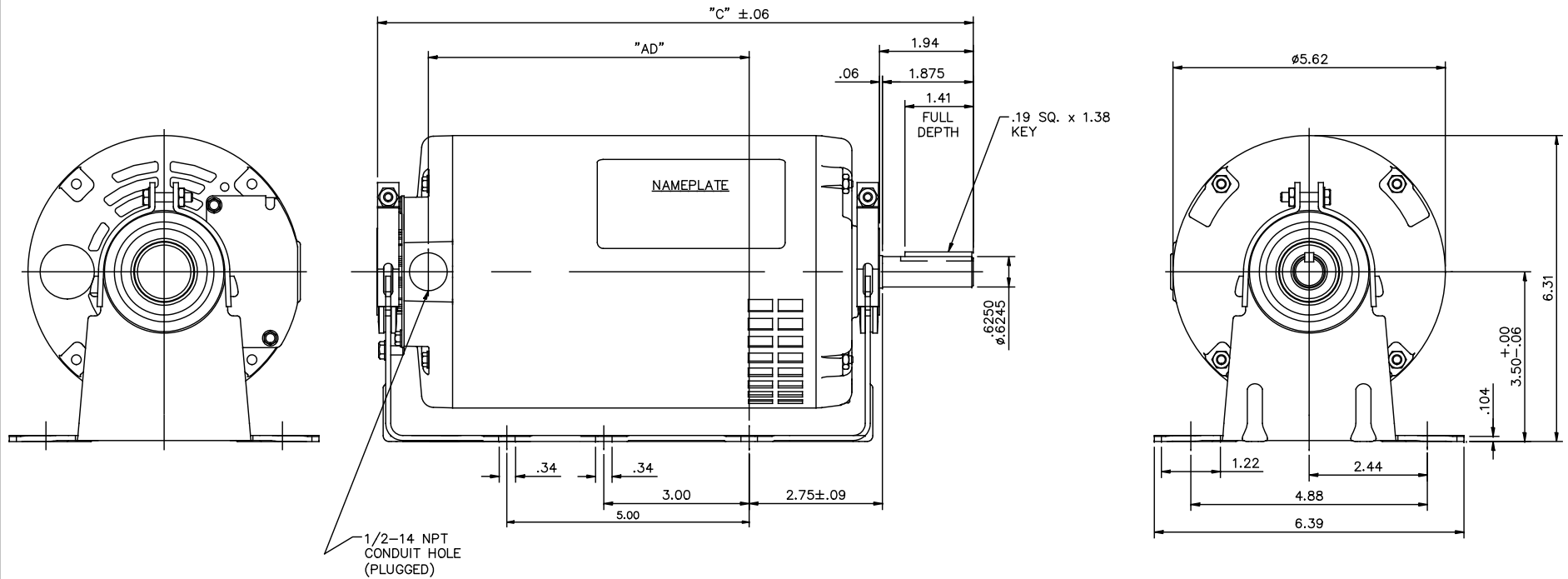
Nameplate Specifications

Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.2/0.60 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	73.4 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	M	Frame	S56
Enclosure	Drip Proof	Overload Protector	Automatic
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	12		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Resilient Base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	12.31 in	Frame Length	7.50 in
Shaft Diameter	0.625 in	Shaft Extension	1.88 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	A-SS404230-750	Connection Diagram	005020.01

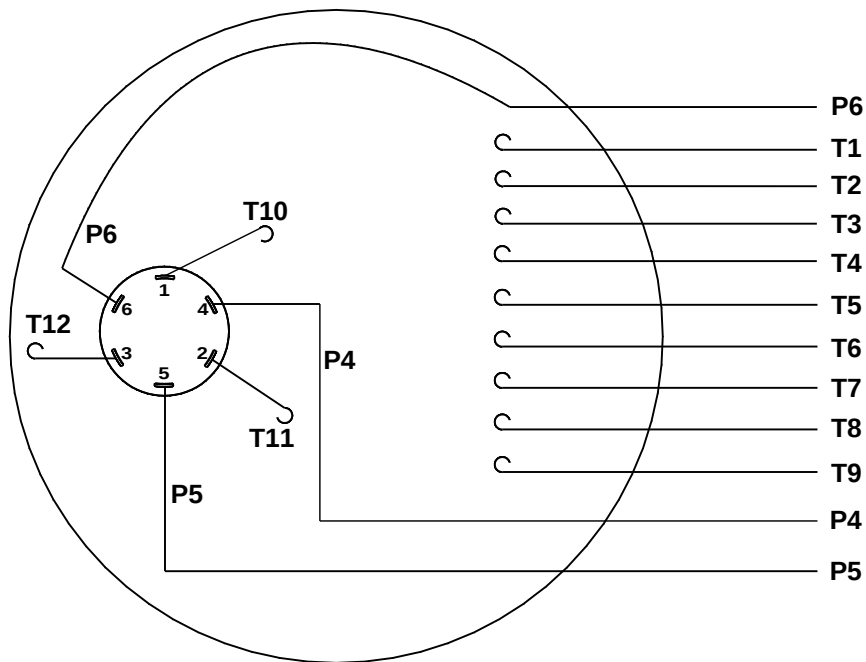
SS404230



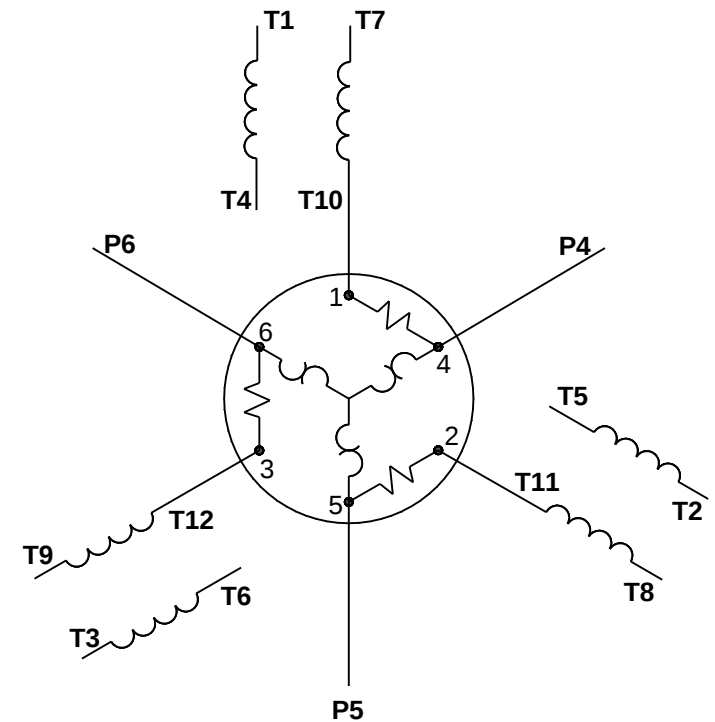
				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN AS 11/15/16												
				DEC.	INCHES		CHK	PVR 11/15/16											
				.X	±.1		APPD												
				.XX	±.03		TITLE												
				.XXX	±.005		OUTLINE - S56 FRAME												
				.XXXX	±.0005		RESILIENT MOUNT - DRIP PROOF												
							SCALE 1=2												
							REF OLME163920												
							FIMF												
							PREV												
A	NEW DRAWING			AS	11/15/16	PVR	XXXX	±.0005	MAT'L	3 PHASE									
NO.	REVISION			BY & DATE	CHK	ANG	±1/2"	FINISH	CAD FILE				SS404230	SIZE	B	DRAWING NO.	SS404230	REV.	A
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									
										DIST									

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

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



LINE LEADS



VOLTAGE	L1	L2	L3	JOIN	SEPARATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)	(P4), (P5), (P6)
LOW	T1,T7	T2,T8	T3,T9	(T4,P4) (T5,P5) (T6,P6)	

DRAWING REVISION D	REVISION BY SM	DATE 9/26/2016
ECO ECO-0109970	APPROVED BY SM	DATE 9/26/2016

ECO DESCRIPTION

UPDATED TO NEW TEMPLATE

COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED.
 PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF
 REGAL BELOIT AMERICA, INC. ("OWNER") AND CONTAINS OWNER'S PROPRIETARY
 INFORMATION. ANY PERSON, CORPORATION OR OTHER FIRM RECEIVING IT IS DEEMED,
 BY RECEIVING IT, TO AGREE THAT IT, AND/OR ANY PART OF IT, SHALL NOT BE DISCLOSED
 TO ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT
 AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER. THIS DOCUMENT SHALL
 BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN
 RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [.076/.381] X 45°			
CORNER FILLETS: R.02 [.51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY
ADH 02/25/74

DATE

APPROVED BY
JCW 03/11/74

DATE

REFERENCE

THIRD ANGLE
PROJECTION

Regal Beloit America, Inc.

DESCRIPTION

CONN DIAGRAM-EXTERNAL
TYPE "T" W/PROTECTOR

MATERIAL

DECAL - 004023

PROCESS/FINISH

ECO LAB

SIZE
A

DRAWING NUMBER

00502001

SHEET
1 OF 1



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

DATA VOLTS: 460

CERTIFICATION DATA SHEET

CONN. DIAGRAM 005020.01
OUTLINE: A-SS404230-750
WINDING: TE484125

NONE 3

CAT #:

E101520.00

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN	
0.33	0.25	1800	1745	S56	DP	TDR	M	B	
PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	230/460	1.2/6	ACROSS THE LINE	CONT	B	1.15	40	3300
F.L. EFF	73.4	3/4 LD EFF	71.2	1/2 LD EFF	62.4	GTD EFF	ELECT. TYPE		
F.L. PF	70.6	3/4 LD PF	62.5	1/2 LD PF	52.3	0.0	SQ CAGE IND RUN		
F.L. TORQUE		LR AMPS @ 460 V		L.R. TORQUE		B.D. TORQUE		F.L. RISE (°C)	
261	LB-FT	4.5		1,146 LB-FT		439%		1,258 LB-FT 482% 25	
PRESSURE @	POWER	ROTOR WK²	MAX. LOAD WK²	SAFE STALL TIME	STARTS/HOUR	MOTOR WGT			
999	DBA	1008 DBA	0.00 LB-FT²	0 LB-FT²	0 SEC.	0 LB.			

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	SILENT BA	HORIZONTAL	NO	NONE	NO	NONE	N - LEESON WATTS
BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL	
DE ODE								
BALL BALL	POLYREX EM	STANDARD 56	NONE	NONE	1144 STRESSPROOF (C-223)		ROLLED STEEL	
6203 6203								
THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE HEATERS		
NONE	AUTOMATIC	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	0	0	0	0	0.150	ODE		

NOTES		INVERTER TORQUE: NONE INV. HP SPEED RANGE: NONE
ENCODER: NONE		BRAKE: NONE FT-LB: NONE VOLTAGE: NONE
NONE		
NONE		
DATE: 1/31/2018		UL: Y(LEESON UL REC)

1/31/2018

E101520.00



Data@ 460 V

Motor Load Data									
Load	0%	25%	50%	75%	100%	115%	125%		LR
Current (amps)	0.43	0.44	0.49	0.53	0.60	0.63	0.66		4.5
Torque (ft-lb)	0.00	64.8	130	196	261	300	326		1,146
RPM	1800	1770	1760	1780	1745	1,735	1730		0
Efficiency (%)		48.0	62.4	71.2	73.4	75.7	76.3		
P.F. (%)	20.4	37.3	52.3	62.5	70.6	74.5	76.4		0.0

Motor Speed Data

	LR	Pull-Up	BD	Rated	Idle	Information Block	
Speed (RPM)	0	900	1440	1745	1800		
Current (Amps)	4.5	4.2	2.10	0.60	0.43	HP	0.3
Torque (ft-lb)	1,146	1,042	1,258	261	0.00	Sync. RPM	1800

Information Block

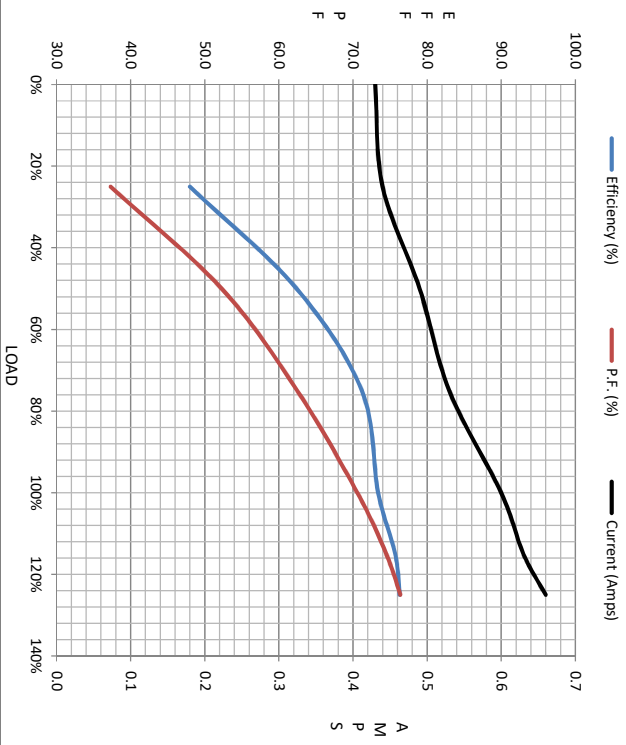
Current (Amps)	4.5	4.2	2.10	0.60	0.43
Torque (ft-lb)	1,146	1,042	1,258	261	0.00

Efficiency (%)

P.F. (%)

Current (Amps)

HP	0.3			
Sync. RPM	1800			
Frame	48			
Enclosure	DP			
Construction	TDR			
Voltage	230/460 V			
Frequency	60 Hz			
Design	B			
LR Code letter	M			
Service Factor	1.15			
Temp Rise @ FL	25 °C			
Duty	CONT			
Ambient	40 °C			
Elevation	1,000 feet			
Rotor/Shaft wk²	0.00 Lb-Ft²			
Ref Wdg	TE48+125 NONE			
Sound Pressure @ 1M	999 dBA			
VFD Rating	NONE			
Outline Dwg	A-SS404230-750			
Conn. Diag	005020.01			
Additional Specifications:				
0				
EQUIV CKT (OHMS / PHASE)				
R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000



Speed -Torque Curve

