

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)



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Nameplate Specifications

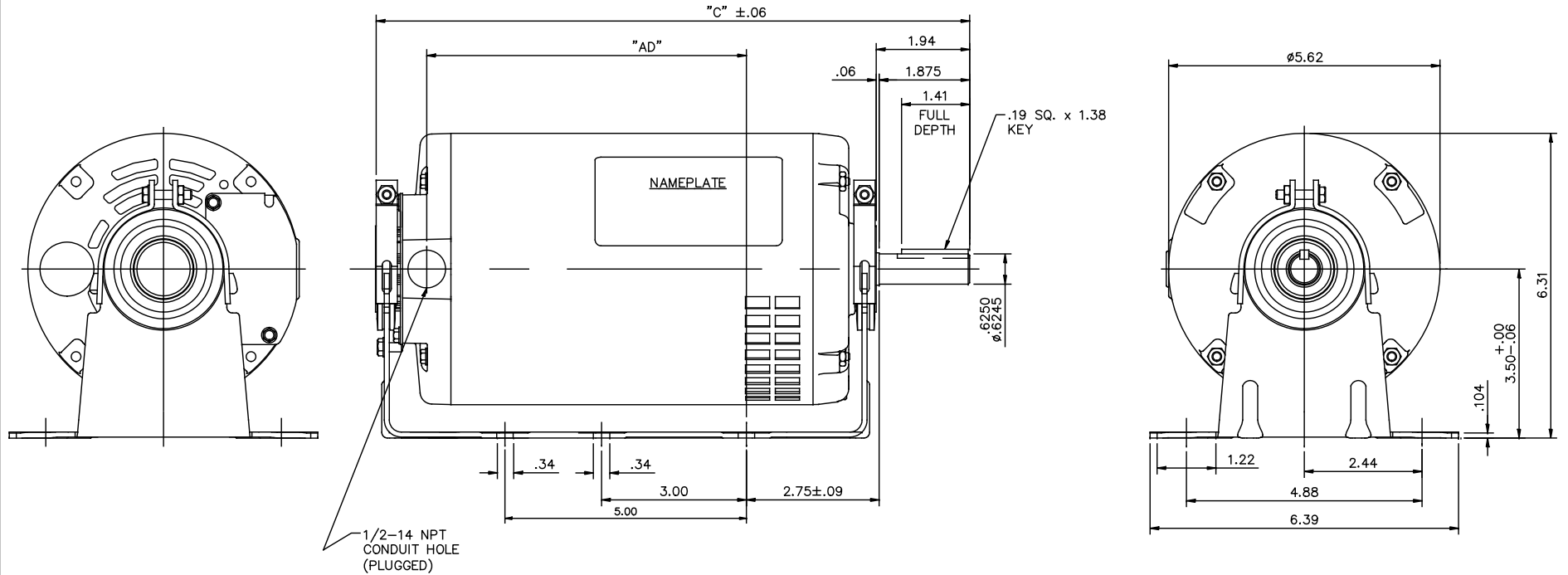
Output HP	0.33 Hp	Output KW	0.25 kW
Frequency	60 Hz	Voltage	230/460 V
Current	1.2/0.60 A	Speed	1725 rpm
Service Factor	1.35	Phase	3
Efficiency	73.4 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	M	Frame	S56
Enclosure	Drip Proof	Overload Protector	Automatic
Ambient Temperature	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

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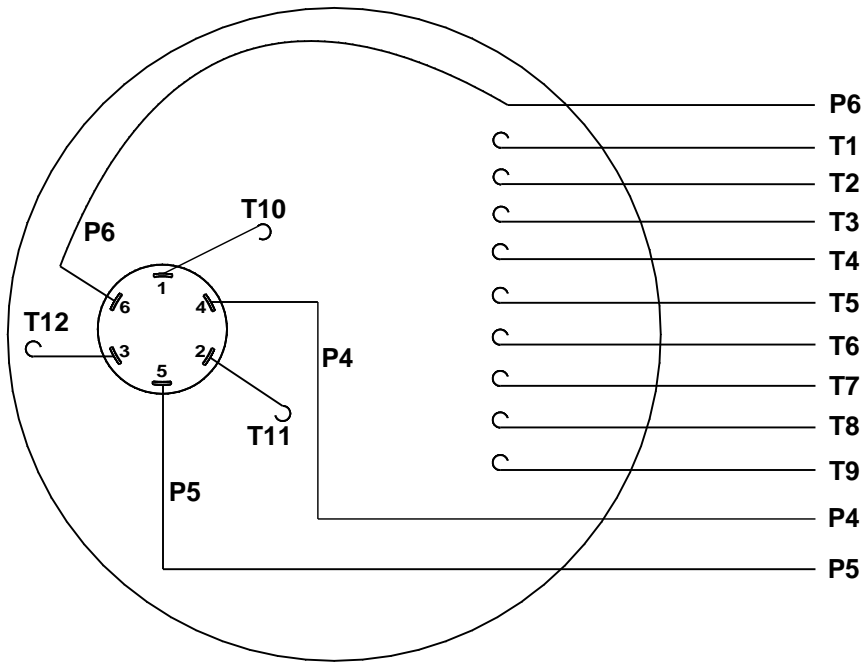
SS404230



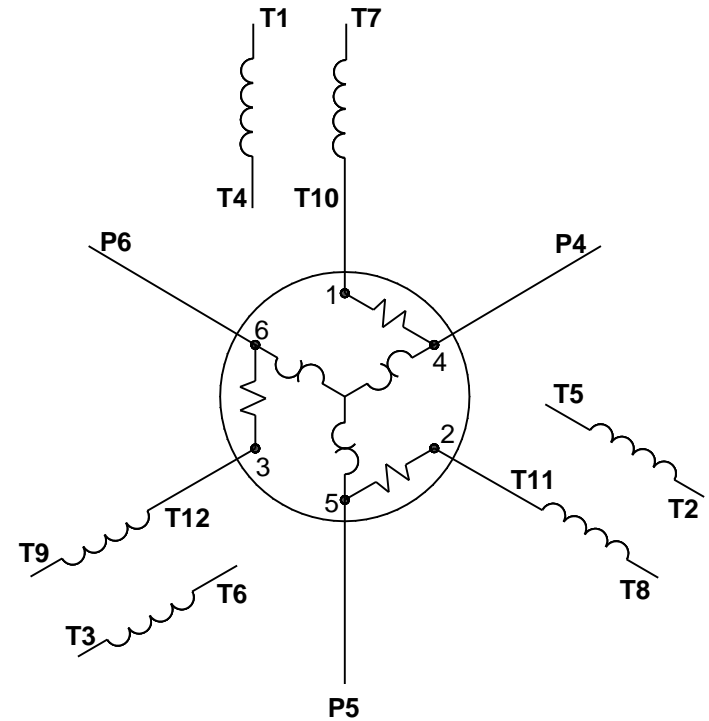
DASH NO.	"C"	"AD"
750	12.31	6.62

TOLERANCES UNLESS SPECIFIED				REGAL™ Regal Beloit America, Inc.		DRAWN AS 11/15/16		
DEC.	INCHES	CHK	PVR	CHK	PVR	CHK	PVR	
.X	±.1							
.XX	±.03							
.XXX	±.005							
A	NEW DRAWING	AS	11/15/16	PVR	.XXX	±.0005	MAT'L	3 PHASE
	REVISION		BY & DATE	CHK	ANG	±1/2"	FINISH	PREV
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				DIST			B	SS404230
								REV. A

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		
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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/ INCH √ 3.2/ mm √
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	



CERTIFICATION DATA SHEET

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

DATA VOLTS: 460

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	F.L. PF	3/4 LD EFF	7/12	1/2 LD EFF	62.4	GTD EFF	0.0	ELECT. TYPE
73.4	70.6	3/4 LD PF	62.5	1/2 LD PF	52.3			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	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	
BALL BALL 6203	POLYREX EM	STANDARD 56	NONE	NONE	1144	STRESSPROOF (C-223)	ROLLED STEEL	

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMOSTATS	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

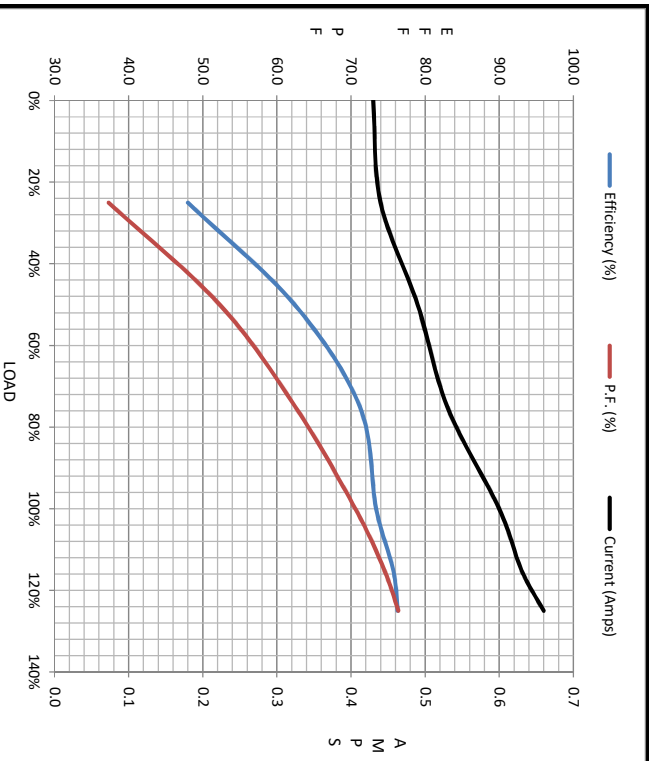
INVERTER TORQUE:	INVERTER TORQUE:	INVERTER TORQUE:
NONE	NONE	NONE
INV. HP SPEED RANGE:	INV. HP SPEED RANGE:	INV. HP SPEED RANGE:
NONE	NONE	NONE
ENCODER:	ENCODER:	ENCODER:
NONE	NONE	NONE
BRAKE:	BRAKE:	BRAKE:
NONE	NONE	NONE
FT-LB:	FT-LB:	FT-LB:
NA	NA	NA
VOLTAGE:	VOLTAGE:	VOLTAGE:
NONE	NONE	NONE
UL:	UL:	UL:
Y:(LEESON UL REC)	Y:(LEESON UL REC)	Y:(LEESON UL REC)

DATE:	DATE:	HZ:
1/31/2018	1/31/2018	



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

Motor Speed Data						Information Block																					
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ref Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Conn. Diag	Additional Specifications:	
Speed (RPM)	0	900	1440	1745	1800	0.3	1800	48	DP	TDR	230/460	60	B	M	1.15	25	CONT	40	1,000	0.00	TE484125	999	NONE	A-SS404230-750	005020,01		
Current (Amps)	4.5	4.2	2.10	0.60	0.43						V	Hz			°C	°C		°C	feet	LB-Ft ²	dB(A)						
Torque (ft-lb)	1,146	1,042	1,258	261	0.00																						



EQUIV CKT (OHMS / PHASE)					
R1	R2	X1	X2	Xm	
0.0000	0.0000	0.0000	0.0000	0.0000	

