

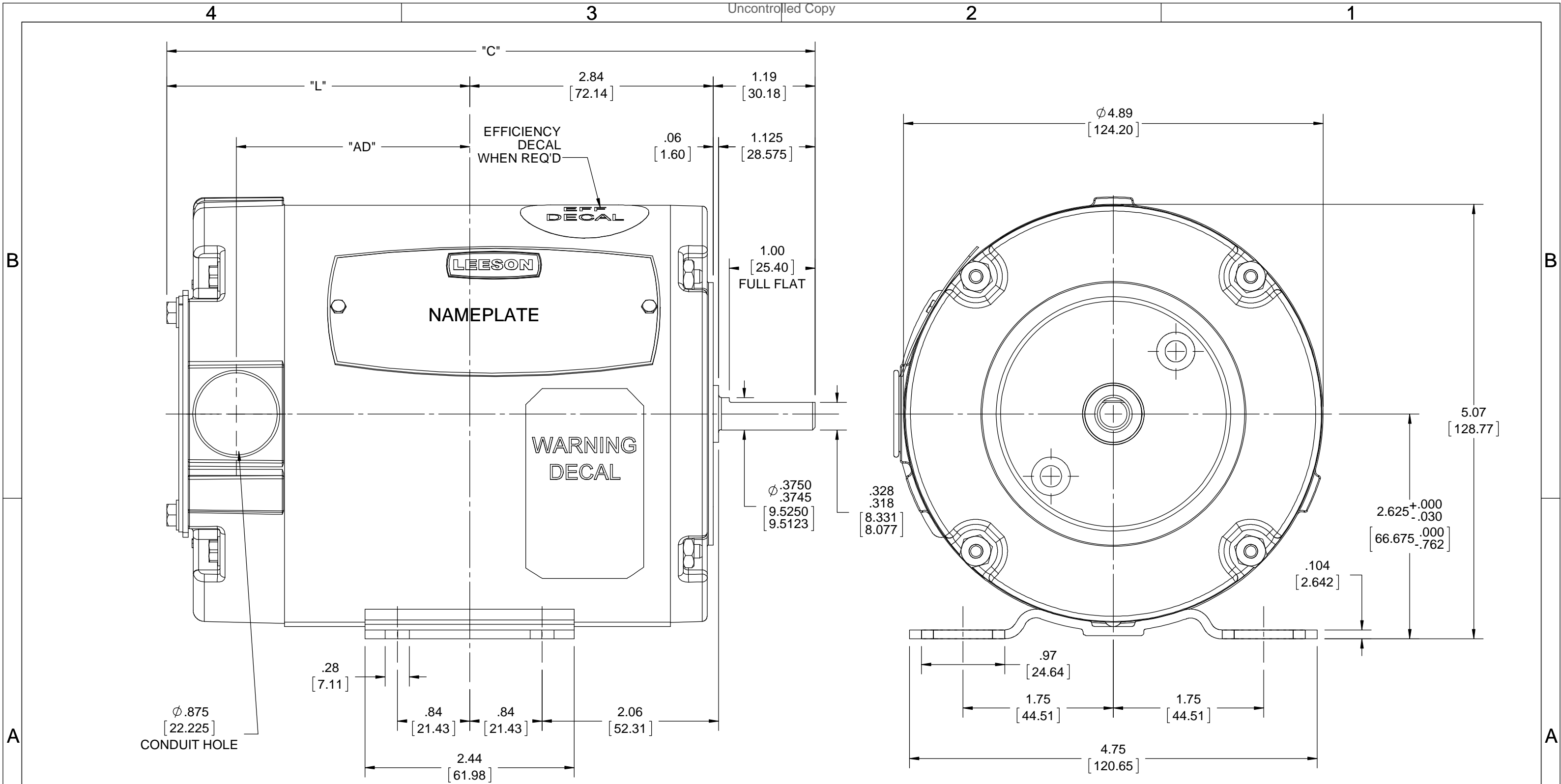


Nameplate Specifications

Phase	3	Output HP	0.25 Hp
Output KW	0.19 kW	Voltage	208-230/460 V
Speed	3450 rpm	Service Factor	1.0
Frame	42	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Efficiency	74 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	0.88/0.44 A	Power Factor	71
Duty	Continuous	Insulation Class	B
Design Code	NO DESIGN CODE	KVA Code	L
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Reversible
Resistance Main	0 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	STANDARD 42	Overall Length	8.06 in
Frame Length	5.00 in	Shaft Diameter	0.375 in
Shaft Extension	1.12 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	005010.01	Outline Drawing	027930-J42



NOTE:-
1. GASKETS THROUGHOUT.

FRAME	"C"	"L"	"AD"
G42	7.56 [192.02]	3.53 [89.66]	2.72 [69.08]
H42	7.81 [198.37]	3.78 [96.01]	2.97 [75.43]
J42	8.06 [204.72]	4.03 [102.36]	3.22 [81.78]

DRAWING REVISION	REVISION BY	DATE
A		
ECO	APPROVED BY	DATE
ECO-0139851		
ECO DESCRIPTION		
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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 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [0.51]			
MACHINED SURFACES: 125 INCH 3.2 mm			
mm SHOWN IN [BRACKETS]			

DRAWN BY	
A SUPPANAVAR	
DATE	12/05/2017
APPROVED BY	PK
DATE	02/15/2018
REFERENCE	027516
THIRD ANGLE PROJECTION	

REGAL™ Regal Beloit America, Inc.	
DESCRIPTION	
<p>OUTLINE</p> <p>42 FRAME -RIGID T.E.N.V.</p>	
MATERIAL	PROCESS/FINISH STANDARD
SIZE	DRAWING NUMBER
B	027930
SHEET	1 OF 1

005010-01

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

				TOLERANCES UNLESS SPECIFIED		REGAL ™ Regal Beloit America, Inc.		DRAWN RDW 04/12/02		
				DEC.	INCHES			CHK		
				.X	±.1			APPD		
				.XX	±.01			SCALE 1=1		
				.XXX	±.005	TITLE		REF FIG.2-51		
A	UPDATED TO REGAL LOGO	SAJ 06/26/15	AJY	.XXXX	±.0005	MAT'L.		FMF		
NO.	REVISION	BY & DATE	CHK	ANG	±1/2"	FINISH		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	04/12/02	CAD FILE		SIZE	DRAWING NO.	REV.
				DIST	BRF-NLV	00501001		A	005010-01	A



CERTIFICATION DATA SHEET

**1051 CHEYENNE AVE.
GRAFTON, WI 53024
PH. 262-377-8810**

CATALOG #: 092016.00

CONN. DIAGRAM: 005010.01

OUTLINE: 027930-J42

MOUNTING: F1 ONLY

WINDING #: T4726 3 A

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/4	0.19	3600	3450	42	TENV	L	NO DESIGN CODE

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
3	60	208-230/460	.88/.44	ACROSS THE LINE	CONTINUOUS	B4	1.0	40

FULL LOAD EFF:	74	3/4 LOAD EFF:	71.5	1/2 LOAD EFF:	64.5	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	71	3/4 LOAD PF:	62.7	1/2 LOAD PF:	54.2	0	SQ CAGE IND RUN

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
6 OZ-FT	6 / 3	20 OZ-FT 333 %	22.93 OZ-FT 382 %	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS / HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0.02 LB-FT^2	0 LB-FT^2	0 SEC.	0	- 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	BLUE - LEESON (ENAMEL)

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

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

*
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

