

PRODUCT INFORMATION PACKET



Model No: C42T17NB1C

Catalog No: 092015.00

1/6HP..1725RPM.42.TENV.208-230/460V.3PH.60HZ.CONT.NOT.40C.1.0SF.RIGID.GENERAL
PURPOSE.C42T17NB1C

Totally Enclosed Non-Ventilated (TENV)



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Nameplate Specifications

Output HP	0.17 Hp	Output KW	0.13 kW
Frequency	60 Hz	Voltage	208-230/460 V
Current	0.88/0.44 A	Speed	1725 rpm
Service Factor	1	Phase	3
Efficiency	66 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	M	Frame	42
Enclosure	Totally Enclosed Non Ventilated	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	N
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid base	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Rolled Steel	Shaft Type	Single Special Extension
Overall Length	7.56 in	Frame Length	4.75 in
Shaft Diameter	0.375 in	Shaft Extension	1.12 in
Assembly/Box Mounting	F1 ONLY		
Outline Drawing	027930-H42	Connection Diagram	005010.01

4

3

Uncontrolled Copy

2

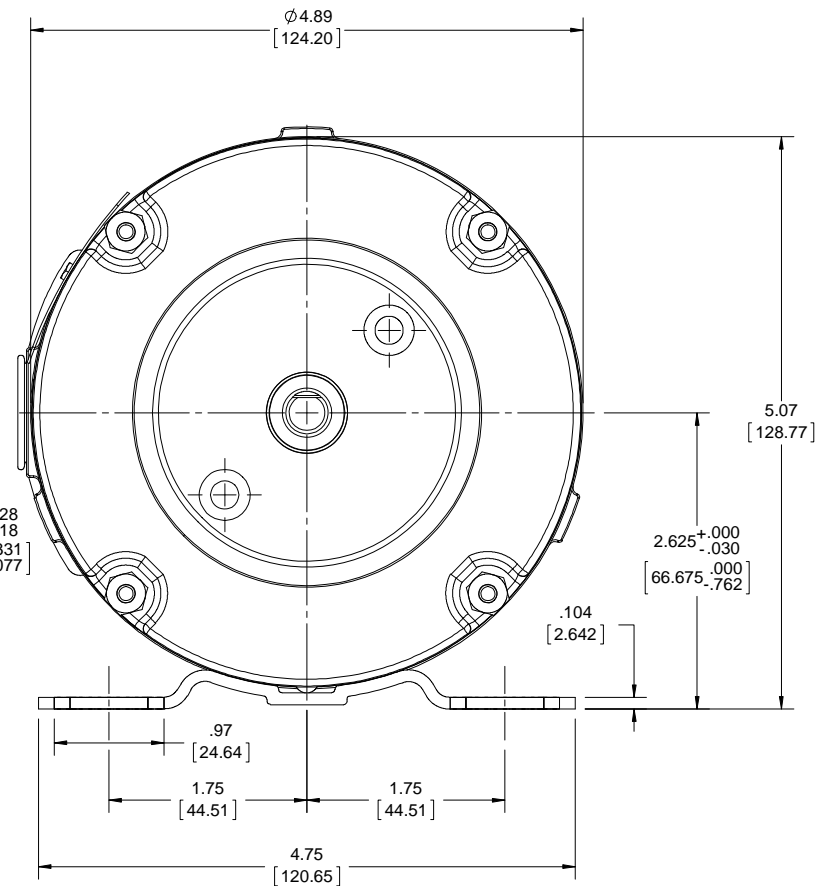
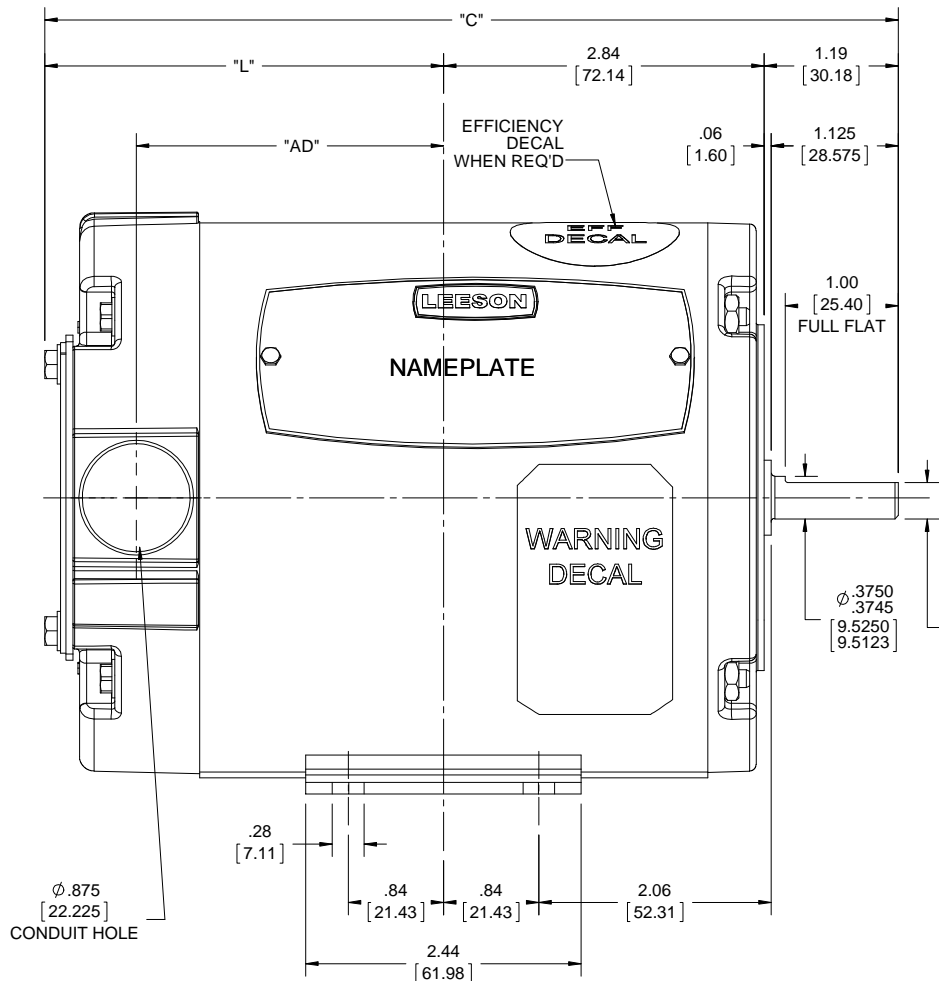
1

B

B

A

A



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-0139851	APPROVED BY	DATE
ECO DESCRIPTION		
OUTLINE CONVERSION PROJECT		
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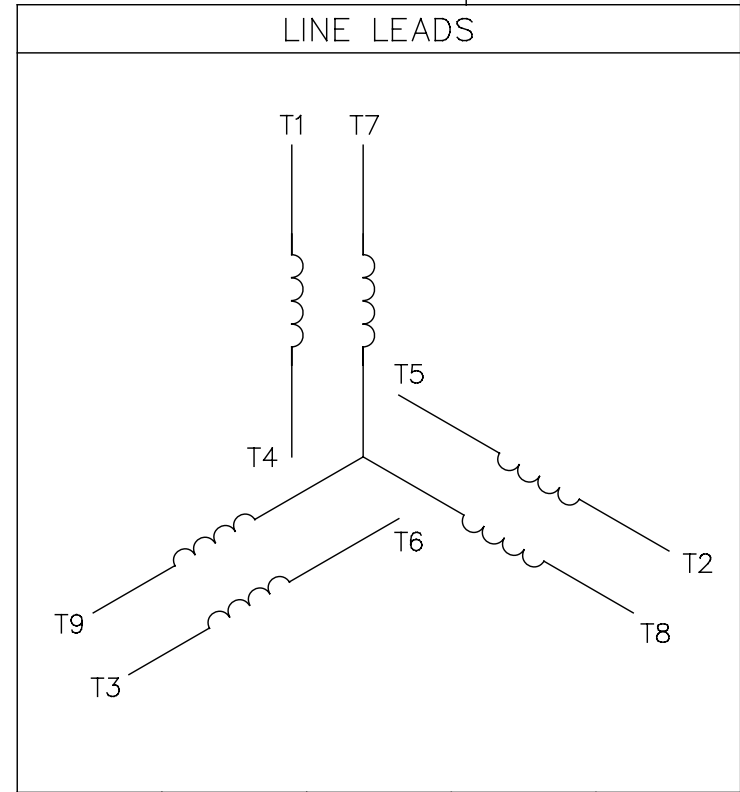
TOLERANCES UNLESS OTHERWISE SPECIFIED:			
DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [0.076/.381] X 45°			
CORNER FILLETS: R.02 [51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

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

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