PRODUCT INFORMATION PACKET

Model No: TO112
Catalog No: E1008
General Purpose Motor, 2 HP, 3 Ph, 60 Hz, 575 V, 1800 RPM, 145T Frame, ODP

Nameplate Specifications

Output HP	2 Hp	Output KW	1.5 kW
Frequency	60 Hz	Voltage	575 V
Current	2 A	Speed	1730 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	145T	Enclosure	Open Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	Y	Number of Speeds	1

Technical Specifications

Electrical Type	POLYPHASE	Starting Method	Across The Line
Poles	4	Rotation	Reversible
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	12.20 in
Frame Length	6.75 in	Shaft Diameter	0.875 in
Shaft Extension	2.25 in		
Outline Drawing	SS620597	Connection Drawing	A-EE7300

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(C)

(2.00)

(3/16x3/16x1 3/8)
KEY

(0.875)

(ø.35)

2F

2F

(0.50)

(2.25)

(2.25)

(BB)

(5.91)

(6.70)

(6.89)

(3.50)

(0.12)

3/4" NPT
LEAD HOLE

(.71)

1.26

(2.75)

8 HOLES

(5.50)

(6.50)
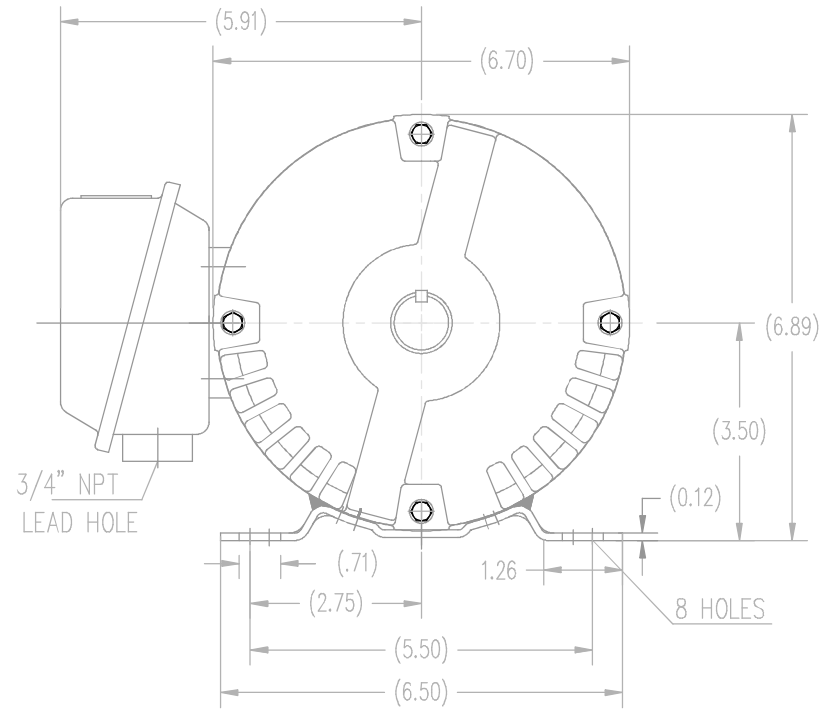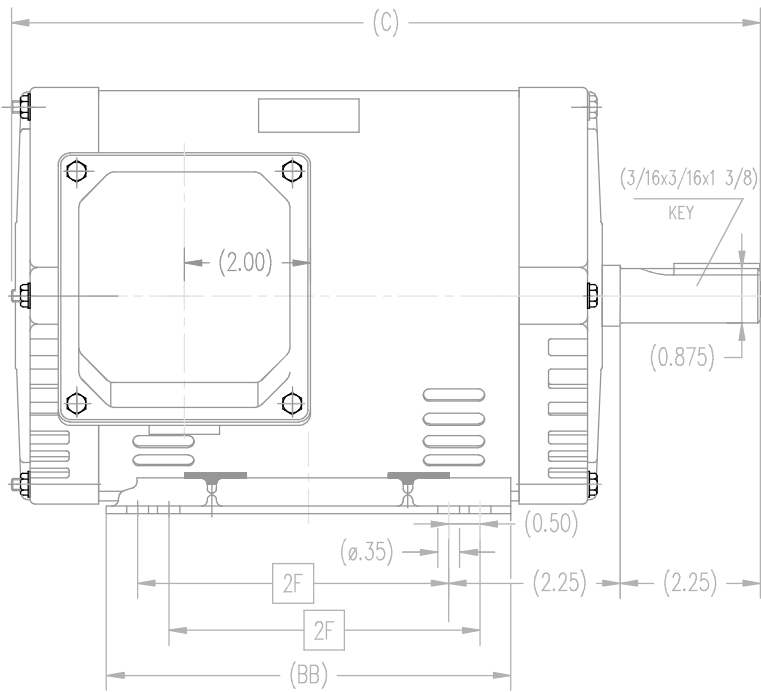
DRAWING MAY NOT BE TO SCALE

FRAME	C	BB	2F
143T	11.20	5.55	4.00
145T	12.20	6.53	5.00

			TOLERANCES UNLESS SPECIFIED		REGAL-BELOIT CORPORATION	DRAWN ZYH 06-25-2012
			DEC.	INCHES		CHK HZJ 06-25-2012
			.X	±.1		APPD CL 06-25-2012
			.XX	±.03	TITLE	SCALE 1=1
			.XXX	±.005	OUTLINE 143/145T FR ODP–ROLL STEEL	REF
			.XXXX	±.0005	MAT'L.	FMF HWADA
NO.	REVISION	BY & DATE	CHK	ANG ±1/2°	FINISH	PREV
			RFP		CAD FILE SS620597	SIZE B	DRAWING NO. SS620597	REV. 1
			DIST			

THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS

TERMINAL BLOCK WHEN SPECIFIED

T1 — L1
T2 — L2
T3 — L3

**IF MOTOR HAS
9 LEADS**

T1(U1)
T1(U1) — L1
T1(U1)

T2(V1)
T2(V1) — L2
T2(V1)

T3(W1)
T3(W1) — L3
T3(W1)

**IF MOTOR HAS
6 LEADS**

T1(U1)
— L1
T1(U1)

T2(V1)
— L2
T2(V1)

T3(W1)
— L3
T3(W1)

A-9806 DECAL

B

T1

C

A — T1(U1)
T2(V1)
T3(W1)

T3

T2

D

VIEW OF TERMINAL END

**OPTIONAL CORD
CONNECTION**

L1 — WHITE
L2 — RED
L3 — BLACK

DRAWING REVISION	REVISION BY	REV DATE/© DATE		DRAWN BY	
AC	BS	26/07/2022		DA	
REQUEST NUMBER	APPROVED BY	DATE		DATE	
CR-0010402	SN	26/07/2022		03-26-1993	

REQUEST NUMBER DESCRIPTION
DRAWING UPDATED

PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

APPROVED BY
TB
DATE
03-26-1993

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION
CONNECTION DIAGRAM
EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR

REFERENCE | MATERIAL | PROCESS/FINISH

THIRD ANGLE
PROJECTION

SIZE: A

DRAWING NUMBER
EE7300

SHEET
1 OF 1