PRODUCT INFORMATION PACKET

Model No: B199726.00
Catalog No: B199726.00
General Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 & 1500 RPM, 405T Frame, DP

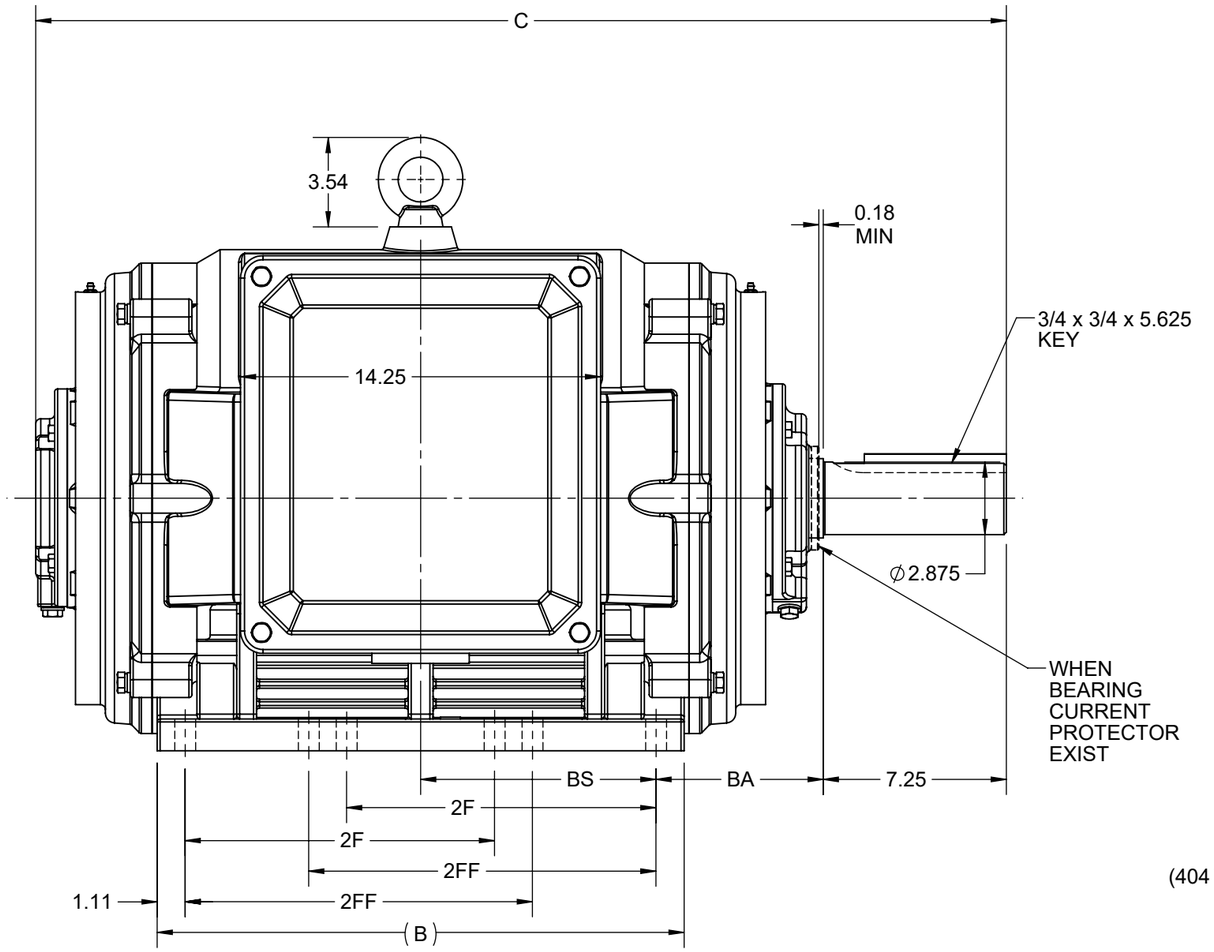
Nameplate Specifications

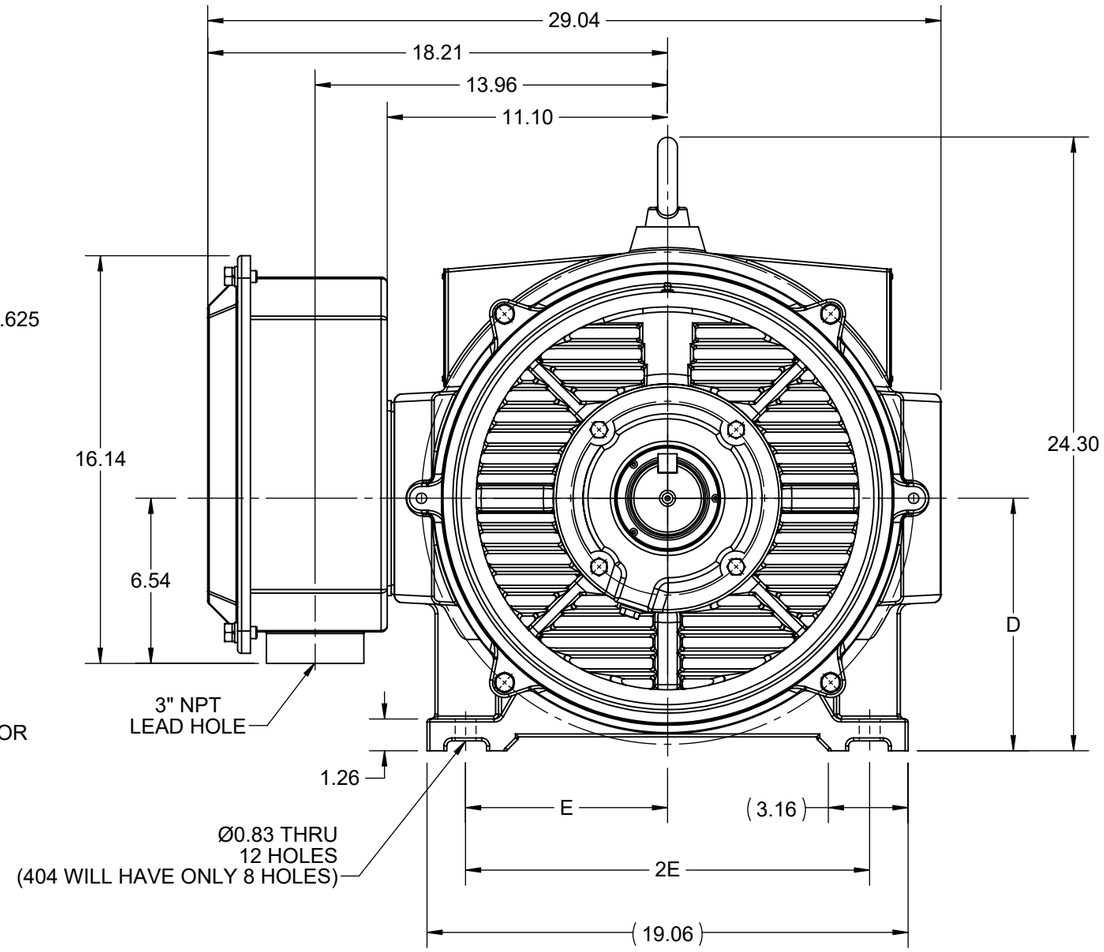
Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	460 & 380 V
Speed	1785 & 1485 rpm	Service Factor	1.15 & 1.15
Frame	405T	Enclosure	Drip Proof
Thermal Protection	No Protection	Efficiency	95.4 & 95 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	142 & 138 A	Power Factor	86.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6315
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

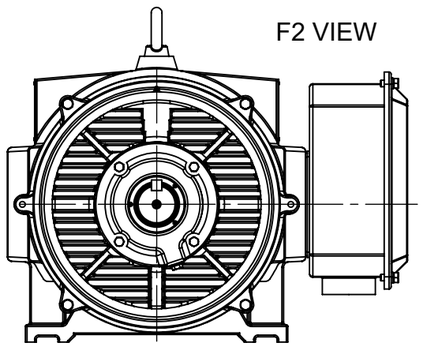
Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Part Wdg Start Or Inverter
Poles	4	Rotation	Reversible
Resistance Main	.044 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	T	Overall Length	38.78 in
Shaft Diameter	2.875 in	Shaft Extension	7.25 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS620754-405T	Connection Drawing	EE7341C

DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	19.29	36.86	10.00	8.00	16.00	---	12.25	6.62	8.54	F1 OR F2	404T
200	20.87	38.43				12.25	13.75		9.32		404/405T





F2 VIEW



DRAWING REVISION	REVISION BY	REV DATE/© DATE
C	GOPI J	09/02/2022
REQUEST NUMBER	APPROVED BY	DATE
CR-0006851	SBD	09/02/2022

REQUEST NUMBER DESCRIPTION
VIEWS UPDATED AS PER 3D

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

DRAWN BY	WY
DATE	21/07/2016
APPROVED BY	
DATE	
REFERENCE	
THIRD ANGLE PROJECTION	

Regal Rexnord — Regal Beloit America, Inc.

DESCRIPTION
OUTLINE
404/405T FR NEMA ODP CAST IRON

MATERIAL | PROCESS/FINISH

SIZE	DRAWING NUMBER	SHEET
B	SS620754	1 OF 1

EE7341C

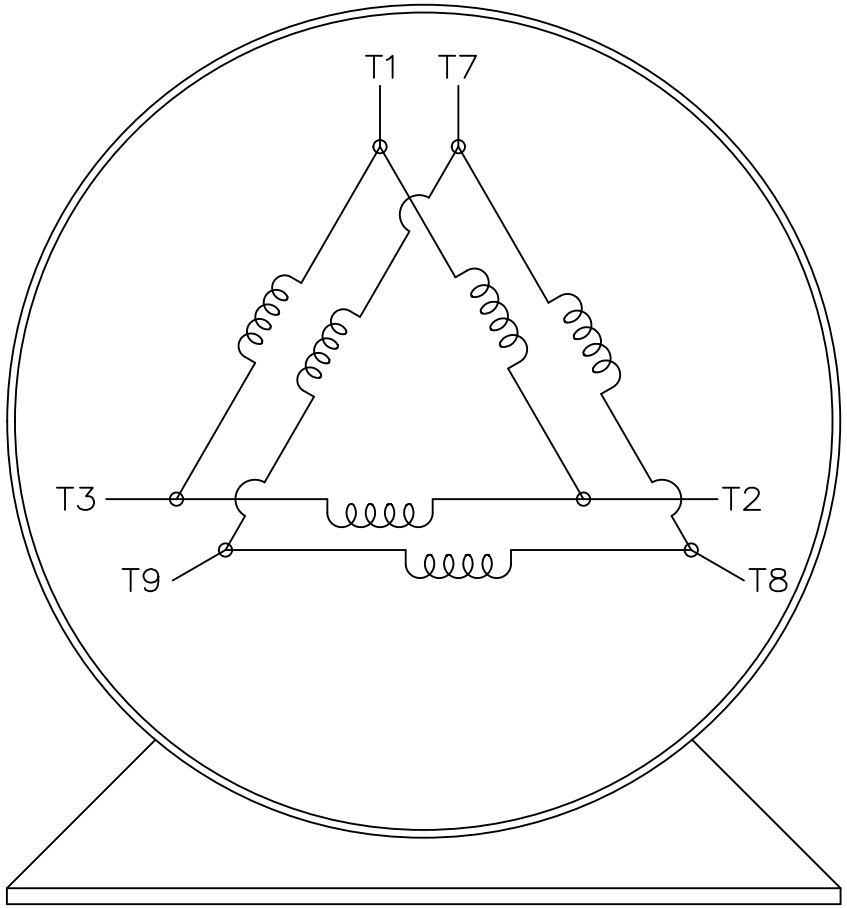
THREE PHASE – PART WINDING START
DELTA – 6 LEADS

START

CONNECT T1 TO LINE 1
CONNECT T2 TO LINE 2
CONNECT T3 TO LINE 3
T7–T8–T9 OPEN

RUN

CONNECT T1&T7 TO LINE 1
CONNECT T2&T8 TO LINE 2
CONNECT T3&T9 TO LINE 3



VIEW OF TERMINAL END

IF MOTOR HAS 2 T'S

START

CONNECT T1,T1 TO LINE 1
CONNECT T2,T2 TO LINE 2
CONNECT T3,T3 TO LINE 3
T7,T7–T8,T8–T9,T9 OPEN

RUN

CONNECT T1,T1&T7,T7 TO LINE 1
CONNECT T2,T2&T8,T8 TO LINE 2
CONNECT T3,T3&T9,T9 TO LINE 3

NO.	REVISION	BY & DATE	CHK
E	NOTE ADDED FOR 2 T'S	NAR 17-12-2020	RC
D	RE-DRAWN WITH REGAL LOGO ECO-0110493	WGJ 09-30-2016	EMH

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	± –
.XX	± –
.XXX	± –
.XXXX	± –
ANG	± –

REGAL REGAL - BELOIT CORPORATION

TITLE: CONNECTION DIAGRAM 3Ø – 6 LEADS

MAT'L.

FINISH

RFP

DIST

CAD FILE EE7341C

DRAWN	BLR 03-09-1998
CHK	ML 03-23-1998
APPD	GK 03-23-1998
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7341C | PAGE OF | REV. E