PRODUCT INFORMATION PACKET

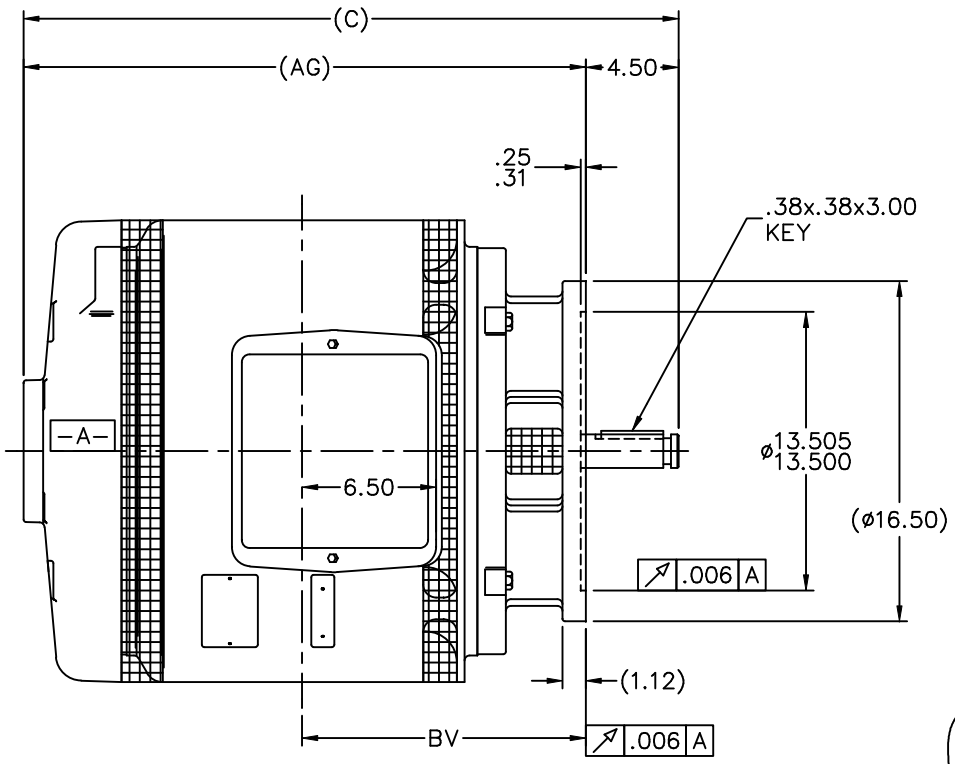
Model No: 404TTDS7376
Catalog No: M839
Other Purpose Motor, 60 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 404HPV Frame, DP

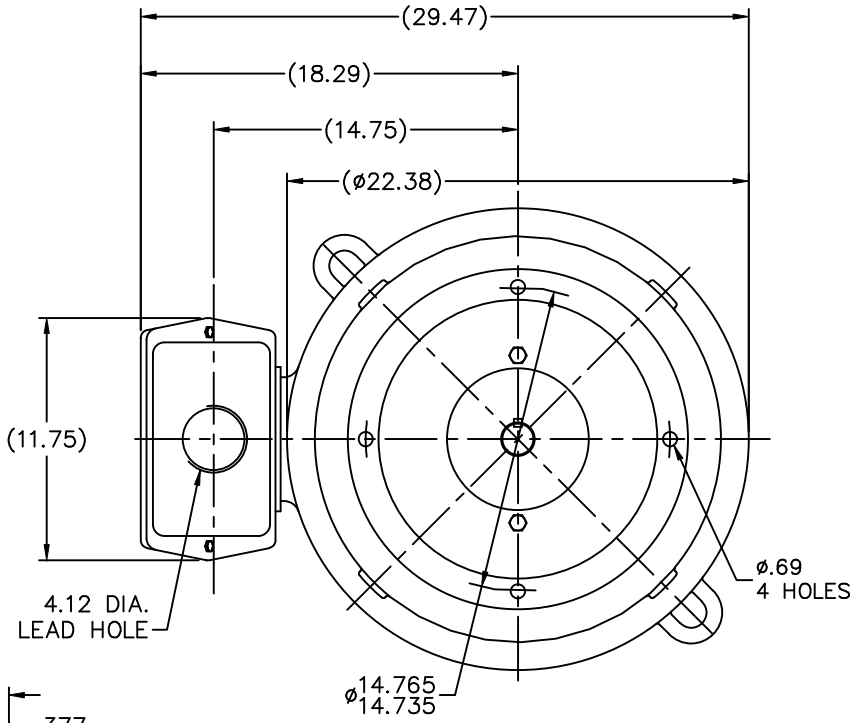
Nameplate Specifications

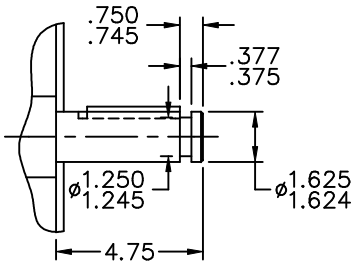
Output HP	60 Hp	Output KW	45.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	152.0/76.0 A	Speed	1185 rpm
Service Factor	1.15	Phase	3
Efficiency	91.7 %	Power Factor	81
Duty	Continuous	Insulation Class	B
Design Code	B	KVA Code	F
Frame	404HPV	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6314	Opp Drive End Bearing Size	6314
UL	Recognized	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.1952 Ohms	Mounting	Round
Motor Orientation	Shaft Down	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	HP	Overall Length	31.75 in
Frame Length	17.00 in	Shaft Diameter	1.625 in
Shaft Extension	4.5 in	Assembly/Box Mounting	F1/F2 CAPABLE
Outline Drawing	B-SS509981-1700	Connection Drawing	A-EE7308







DETAIL OF SHAFT EXTENSION

NOTE:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
2. NAMEPLATES TO BE READ FROM SHAFT EXT. SIDE OF MOTOR.

DASH	FRAME	C	AG	BV	
1700	400HP	31.75	27.25	13.75	

NO.	REVISION	BY & DATE	CHK
6	UPDATE FNT. BRKT. W/B-507009B MU83335	RWR 12-17-2007	ML
5	UPDATED DRAWING	RJW 04-17-2007	ML
4	REDRAWN IN AUTOCAD	TAT 07-22-2004	ML
3	REDRAWN ON CADD	DRS 01-28-2002	

TOLERANCES UNLESS SPECIFIED: DEC. INCHES; .X ±.1; .XX ±.03; .XXX ±.005; .XXXX ±.0005; ANG ±7'30"

MARATHON ELECTRIC

TITLE OUTLINE – VERT. P' BASE
400HP FR. – SCREENS – DR.PR. – WP-1

MAT'L.

FINISH

CAD FILE ss509981

RFP

DIST WA

DRAWN DRS 01-25-2002
CHK ML 01-25-2002
APPD GK 01-28-2002
SCALE 1=6
REF
FMF
PREV

SIZE B | DRAWING NO. SS509981 | PAGE OF | REV. 6

EE7308

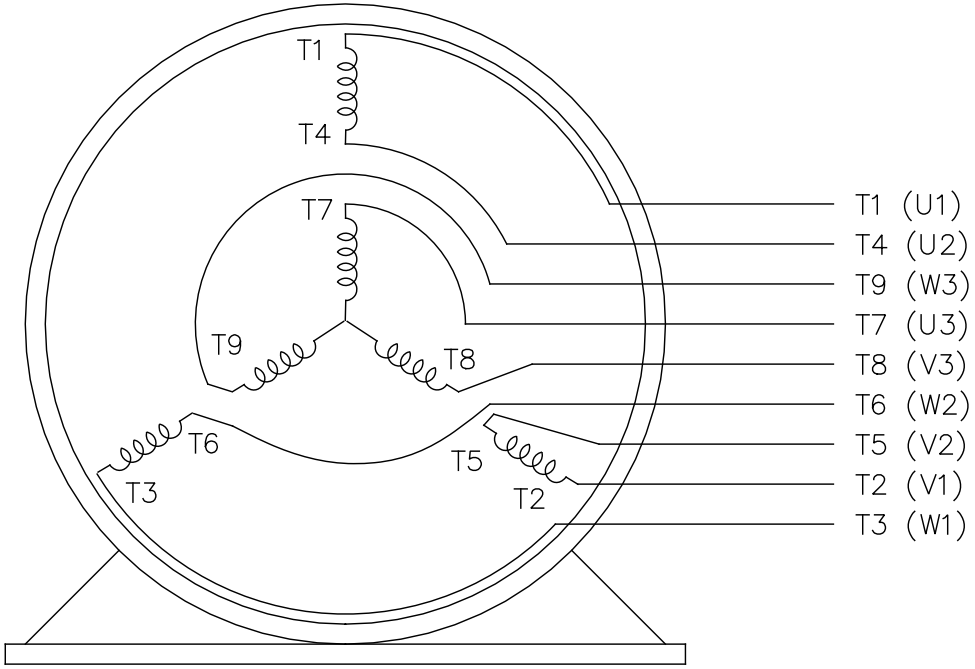
THREE PHASE
DUAL VOLTAGE MOTOR

HIGH VOLTAGE

(U1) T1 — L1
(V1) T2 — L2
(W1) T3 — L3
(U2) T4
(U3) T7
(V2) T5
(V3) T8
(W2) T6
(W3) T9

LOW VOLTAGE

(U1) T1
(U3) T7 — L1
(V1) T2
(V3) T8 — L2
(W1) T3
(W3) T9 — L3
(U2) T4
(V2) T5
(W2) T6



VIEW OF TERMINAL END

REF.
WINDING DIAGRAM

T8Y, T2Y, T2BL, T4BX, T2EC, T2G
T6BZ, T2B, T6BL, T4AV, T6B, T4B

OPTIONAL CORD CONNECTION

L1 — WHITE
L2 — RED
L3 — BLACK

NO.	REVISION	BY & DATE	CHK
5	CHG TO REGAL LOGO	SL 09/10/2015	AB
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS
1	REDRAWN	RM 11/20/1990	

TOLERANCES UNLESS SPECIFIED

DEC.	INCHES
.X	±.1
.XX	±.02
.XXX	±.005
.XXXX	±.0005
ANG	±7'30"

Regal Beloit America, Inc.

TITLE CONNECTION DIAGRAM
3ø – DUAL VOLTAGE MOTOR

MAT'L.
FINISH
CAD FILE ee7308
RFP
DIST WP

DRAWN RM	11/20/1990
CHK ML	11/21/1990
APPD SAS	04/24/2003
SCALE	1=1
REF	
FMF	
PREV	

SIZE A | DRAWING NO. EE7308 | PAGE OF | REV. 5