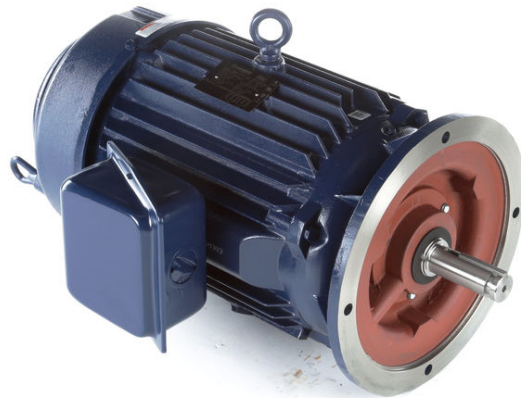


PRODUCT INFORMATION PACKET

Model No: 364TTFS16087
Catalog No: M906B
40,1200,TEFC,364HPV,3/60/230/460
Vertical Solid Shaft P-Base



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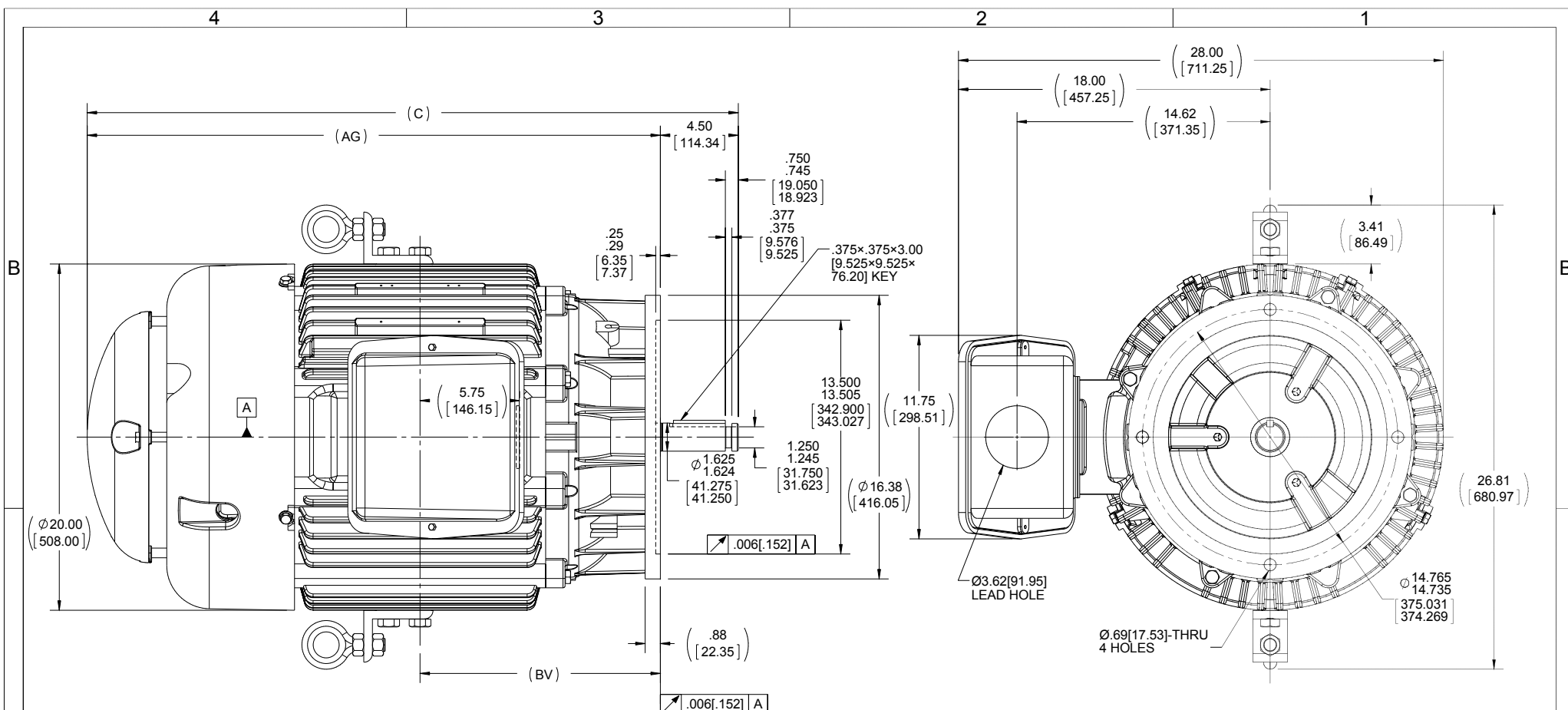
Nameplate Specifications

Output HP	40 Hp	Output KW	30.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	100.0/50.0 A	Speed	1185 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Duty	Continuous
Insulation Class	F	Design Code	B
KVA Code	G	Frame	364HPV
Enclosure	Totally Enclosed Fan Cooled	Overload Protector	No
Ambient Temperature	40 °C	Drive End Bearing Size	6312
Opp Drive End Bearing Size	6312	UL	Recognized
CSA	Y	CE	Y
IP Code	43		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Mounting	Round	Motor Orientation	SHAFT DOWN
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	Cast Iron	Shaft Type	HP
Overall Length	37.61 in	Frame Length	14.50 in
Shaft Diameter	1.625 in	Shaft Extension	4.50 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	B-SS518657-1450	Connection Diagram	A-EE7308

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

(REPLACES B-SS507344)

DASH	FRAME	C	AG	BV
1450	360HPV	37.61 [955.29]	33.11 [840.99]	13.88 [352.55]

DRAWING REVISION F	REVISION BY AJW	DATE 07-21-2015
ECO ECO-0081851	APPROVED BY JHA	DATE 07-21-2015
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS		
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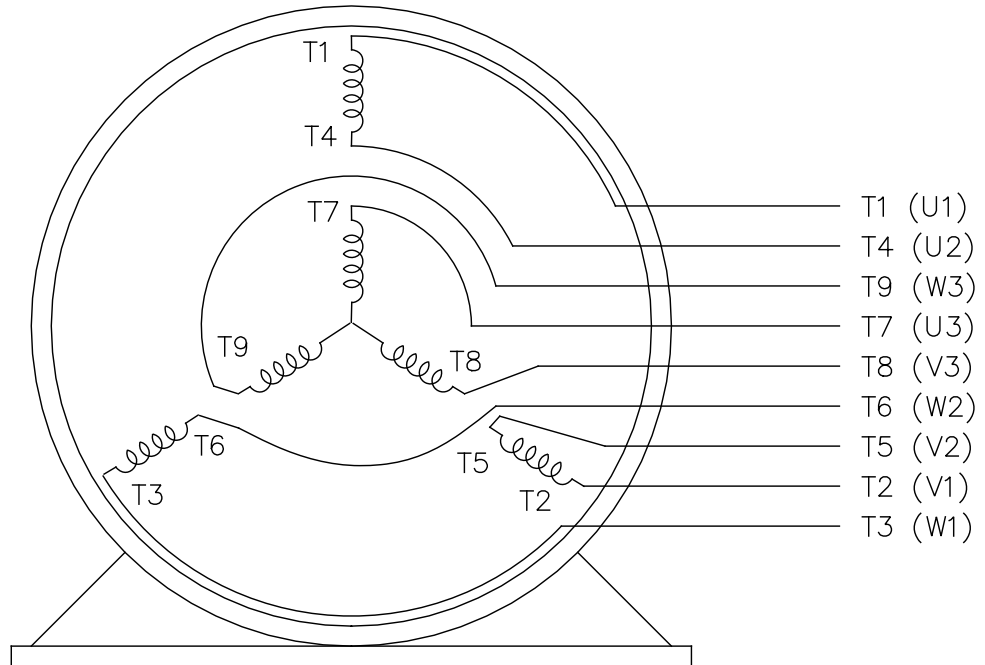
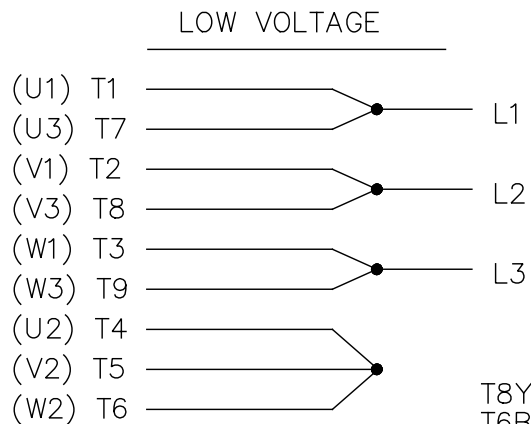
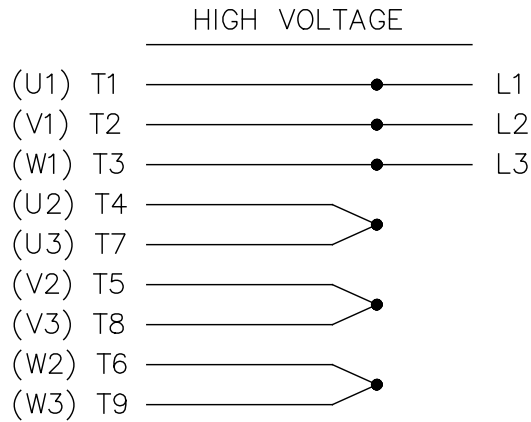
TOLERANCES UNLESS OTHERWISE SPECIFIED:		
DEC.	INCH	mm
.X	+0.1	[+2.5]
.XX	+0.03	[+0.76]
.XXX	+0.005	[+0.127]
.XXXX	+0.0005	[+0.0127]
REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [076/.381] X 45°		
CORNER FILLETS: R.02 [51]		
MACHINED SURFACES: 200 $\sqrt{\text{INCH}}$ 5.1 $\sqrt{\text{mm}}$		
mm SHOWN IN [BRACKETS]		

DRAWN BY TJB
DATE 08-10-2001
APPROVED BY GK
DATE 08-13-2001
REFERENCE
THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION OUTLINE 360HPV-TEFC-VERT. 'P' BASE	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER SS518657
	SHEET 1 OF 1

EE7308

THREE PHASE
DUAL VOLTAGE MOTOR



VIEW OF TERMINAL END

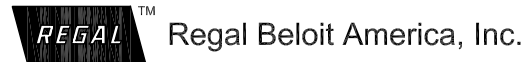
REF.
WINDING DIAGRAM

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	ANG	TOLERANCES UNLESS SPECIFIED		FINISH	DRAWN RM 11/20/1990				
					DEC.	INCHES						
5	CHG TO REGAL LOGO	SL 09/10/2015	AB					CHK ML 11/21/1990				
4	REVISED IEC NOTATIONS	MSG 11/15/2011	CMN	.X	±.1			APPD SAS 04/24/2003				
3	ADDED IEC NOTATIONS... (U1), (V1) ETC. MU95194	MSG 5/10/2010	MJS	.XX	±.02			SCALE 1=1				
2	ADDED THE OPTIONAL CORD CONNECTION MU46318	RDH 04/24/2003	DRS	.XXX	±.005		TITLE CONNECTION DIAGRAM 3Ø - DUAL VOLTAGE MOTOR	REF				
1	REDRAWN	RM 11/20/1990		.XXXX	±.0005		MAT'L.	FMF				
					±7'30"			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	CAD FILE ee7308	SIZE A	DRAWING NO. EE7308	PAGE OF 5	REV. 5
							DIST WP					



Data Sheet

143TDR16088

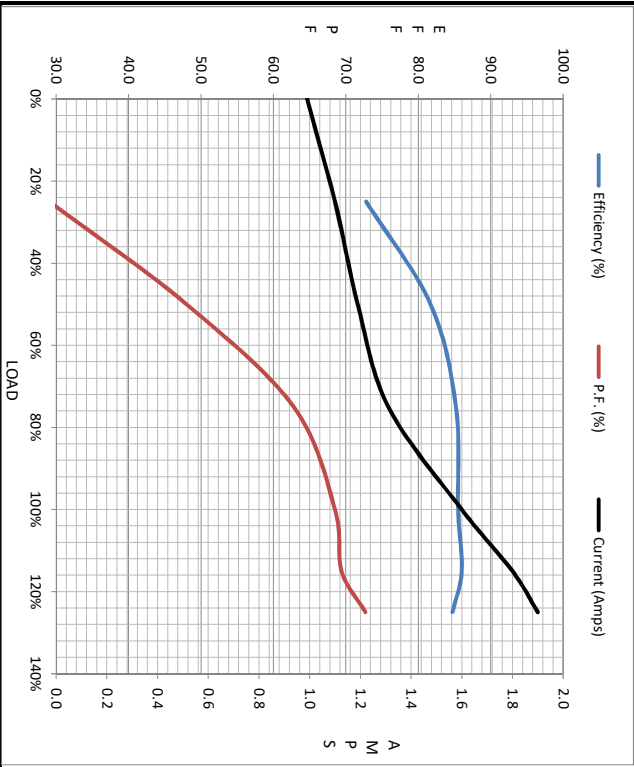


Submital Data @ 460 V

Date: 8/30/2018
 Customer:
 Attention:
 Submitted by: FAREEDA DUDEKULA

Load	Motor Load Data									
	0%	25%	50%	75%	100%	115%	125%	LR		
Current (Amps)	0.99	1.10	1.19	1.31	1.60	1.80	1.90	14.5		
Torque (ft-lb)	0.00	0.73	1.47	2.22	2.98	3.4	3.8	12.0		
RPM	1800	1791	1780	1770	1760	1,754	1749	0		
Efficiency (%)		72.8	81.7	85.2	85.5	86.0	84.7			
P.F. (%)	8.2	29.1	48.0	62.8	68.5	69.4	72.7	0.0		

	Motor Speed Data					Information Block																					
	LR	Pull-Up	BD	Rated	Idle	HP	Sync. RPM	Frame	Enclosure	Construction	Voltage	Frequency	Design	LR Code letter	Service Factor	Temp Rise @ FL	Duty	Ambient	Elevation	Rotor/Shaft wk ²	Ret Wdg	Sound Pressure @ 1M	VFD Rating	Outline Dwg	Com. Diag	Additional Specifications:	
Speed (RPM)	0	900	1575	1760	1800	1.0	1800	140182TFC080	DP	TDR	230/460	60	A	N	1.15	21	CONT	40	1,000	0.12	DR	0	NONE	607-0290-700	005010.01		
Current (Amps)	14.5	13.0	9.9	1.60	0.99																						
Torque (ft-lb)	12.0	11.0	15.0	2.98	0.00																						



R1	R2	X1	X2	Xm
0.0000	0.0000	0.0000	0.0000	0.0000

