

PRODUCT INFORMATION PACKET

Model No: 364TSTDBD4009

Catalog No: U1062

General Purpose Motors, Drip Proof, 75 HP, 3 Ph, 60 Hz, 200/400 V, 3568 RPM, 364TS



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Nameplate Specifications

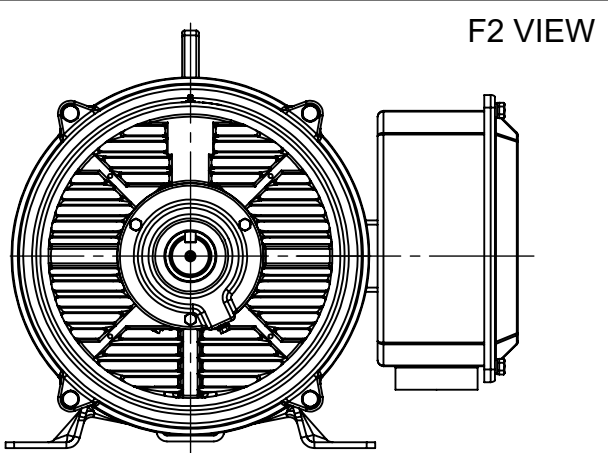
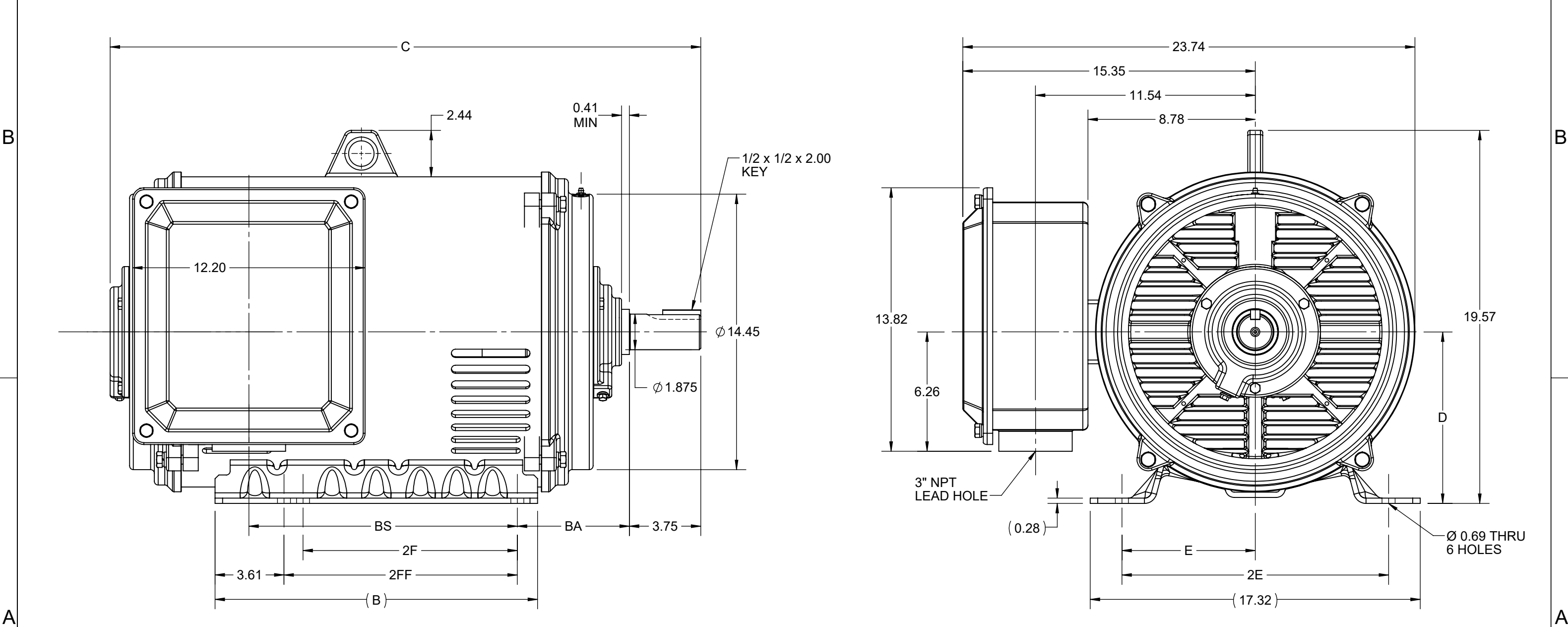
Output HP	75 Hp	Output KW	56.0 kW
Frequency	60 Hz	Voltage	200/400 V
Current	196.0/98.0 A	Speed	3568 rpm
Service Factor	1.15	Phase	3
Efficiency	93 %	Power Factor	88
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	F
Frame	364TS	Enclosure	Drip Proof
Thermal Protection	No	Ambient Temperature	50 °C
Drive End Bearing Size	6312	Opp Drive End Bearing Size	6312
UL	Listed	CSA	Y
CE	Y	IP Code	22
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Part Wdg Start & Wye Start Delta Run
Poles	2	Rotation	Reversible
Resistance Main	.116 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	TS	Shaft Diameter	1.875 in
Assembly/Box Mounting	F1/F2 CAPABLE		
Outline Drawing	SS620748-100	Connection Drawing	EE7308AA

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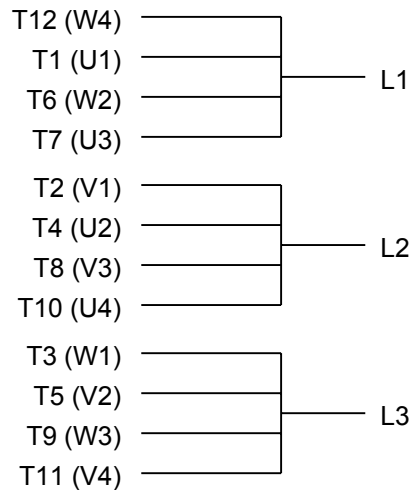
4				3				2			1
DASH NO.	B	C	D	E	2E	2F	2FF	BA	BS	MOUNTING	FRAME
100	16.93	29.44	9.00	7.00	14.00	11.25	12.25	5.88	12.52	F1 OR F2	364TS
200		31.01							14.09		365TS



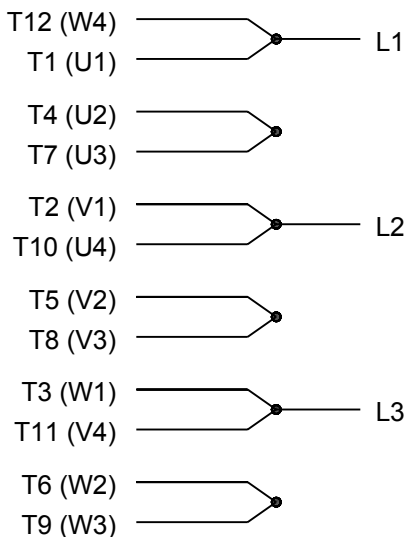
DRAWING REVISION C	REVISION BY RAM	REV DATE/© DATE 01/02/2022
REQUEST NUMBER CR-0006669	APPROVED BY SBD	DATE 01/02/2022
REQUEST NUMBER DESCRIPTION VIEWS UPDATED AS PER 3D		
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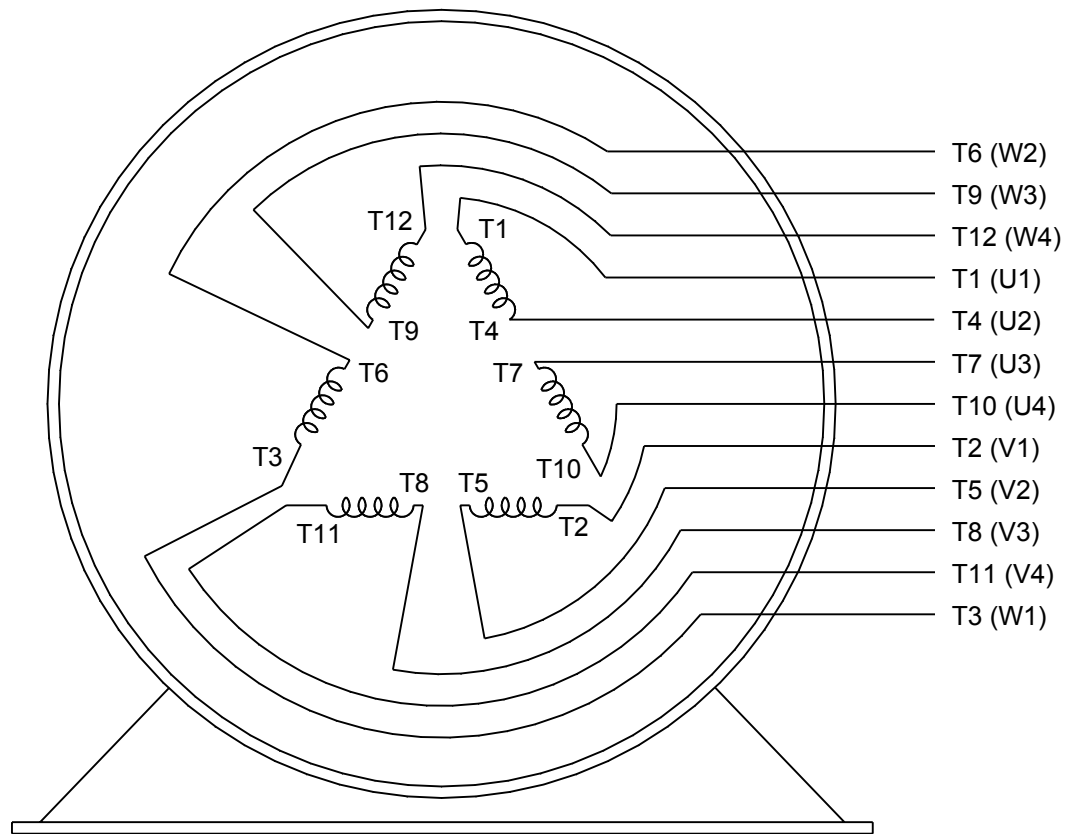
DRAWN BY ZHU XIAOWEI	 Regal Beloit America, Inc.	
DATE 27/04/2021		
APPROVED BY	DESCRIPTION OUTLINE 364/365TS FR NEMA ODP RS	
DATE	MATERIAL	PROCESS/FINISH
REFERENCE	SIZE B	DRAWING NUMBER SS620748
THIRD ANGLE PROJECTION	SHEET 1 OF 1	



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

DRAWING REVISION K	REVISION BY AJW	DATE 07-17-2015
ECO ECO-0081632	APPROVED BY T. VUE	DATE 07-17-2015
ECO DESCRIPTION REV'D IEC MARKINGS PER IEC 60034-8		
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DRAWN BY LZ	 Regal Beloit America, Inc.	
DATE 01-12-1994		
APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL	
DATE 01-14-1994	3Ø-2/1 DELTA-12 LEADS	
REFERENCE	MATERIAL	PROCESS/FINISH
THIRD ANGLE PROJECTION 	SIZE A	DRAWING NUMBER EE7308AA
		SHEET 1 OF 1



P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311

DATA VOLTS: 400

CERTIFICATION DATA SHEET

CUSTOMER:**ORDER #:****CONN. DIAGRAM:****OUTLINE:****WINDING:****SPEED:**

EE7308AA

SS620748-100

HA22252110

NONE

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CUSTOMER P.O. #:**REFERENCE MODEL #:****CAT #:****CUSTOMER PART #:****MOUNTING:**

364TSTDBD4009

U1062

F1/F2 CAPABLE

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC RPM	FL RPM	FRAME	ENCLOSURE	TYPE	KVA CODE	DESIGN
75	56	3600	3568	364TS	DP	TDC	F	B

PH	HZ	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB	ELEV.
3	60	200/400	196/98	PWS & YDRUN	CONT	F	1.15	50	3300

F.L. EFF	93.0	3/4 LD EFF	93.0	1/2 LD EFF	92.4	GTD EFF	91.7	ELECT. TYPE	SQ CAGE IND RUN
F.L. PF	88.0	3/4 LD PF	86.0	1/2 LD PF	80.0				

F.L. TORQUE	LR AMPS @ 460 V	L.R. TORQUE	B.D. TORQUE	F.L. RISE (°C)
110 LB-FT	581	168 LB-FT	265 LB-FT	45

SOUND PRESSURE @ 3 FT.	SOUND	POWER	ROTOR WK ²	MAX. LOAD WK ²	SAFE STALL TIME	STARTS/HOUR	APPROX.	MOTOR WGT
999 dBA	1008 dBA		8.12 LB-FT ²	35 LB-FT ²	22 SEC.	2	625 LB.	

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	MOTOR ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	RIGID	HORIZONTAL	NO	NONE	YES	NONE	RED (ENAMEL)

BEARINGS	GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT	MATERIAL	FRAME MATERIAL
DE BALL	POLYREX EM	TS	NONE	NONE	1045 HOT ROLLED (C-204)		ROLLED STEEL
6312 BALL							

THERMOSTATS	PROTECTORS	WDG RTD's	BRG RTD's	THERMISTORS	CONTROL	SPACE	HEATERS
NONE	NOT	NONE	NONE	NONE	FALSE		NA

R1 (ohms/ph)	R2 (ohms/ph)	X1 (ohms/ph)	X2 (ohms/ph)	Xm (ohms/ph)	VIBRATION (in/sec)	FLOAT
0.040075614	0.015879017	0.170888469	0.216257089	6.308506616	0.150	ODE

* N O T E S *				INVERTER TORQUE: NONE		
				INV. HP SPEED RANGE: NONE		
				ENCODER: NONE		
				NONE		
				NONE PPR		
PREPARED BY: _____				BRAKE: NONE		
DATE: 11/17/2021				NONE		
				FT-LB: NA		
				VOLTAGE: NONE		
				HZ: _____		
FORM: 3531 REV. 4 2/27/06				UL: NO LETTER - ALL BRANDS-UL LISTED FIRE PUMP MOTORS		

FORM: 3531 REV_4 2/27/06

UL: NO LETTER - ALL BRANDS-UL LISTED FIRE PUMP MOTORS

