

PRODUCT INFORMATION PACKET

Model No: 404TTDS7387

Catalog No: Y210

Other Purpose Motor, 50 HP, 3 Ph, 60 Hz, 460/796 V, 1200 RPM, 404T Frame, DP



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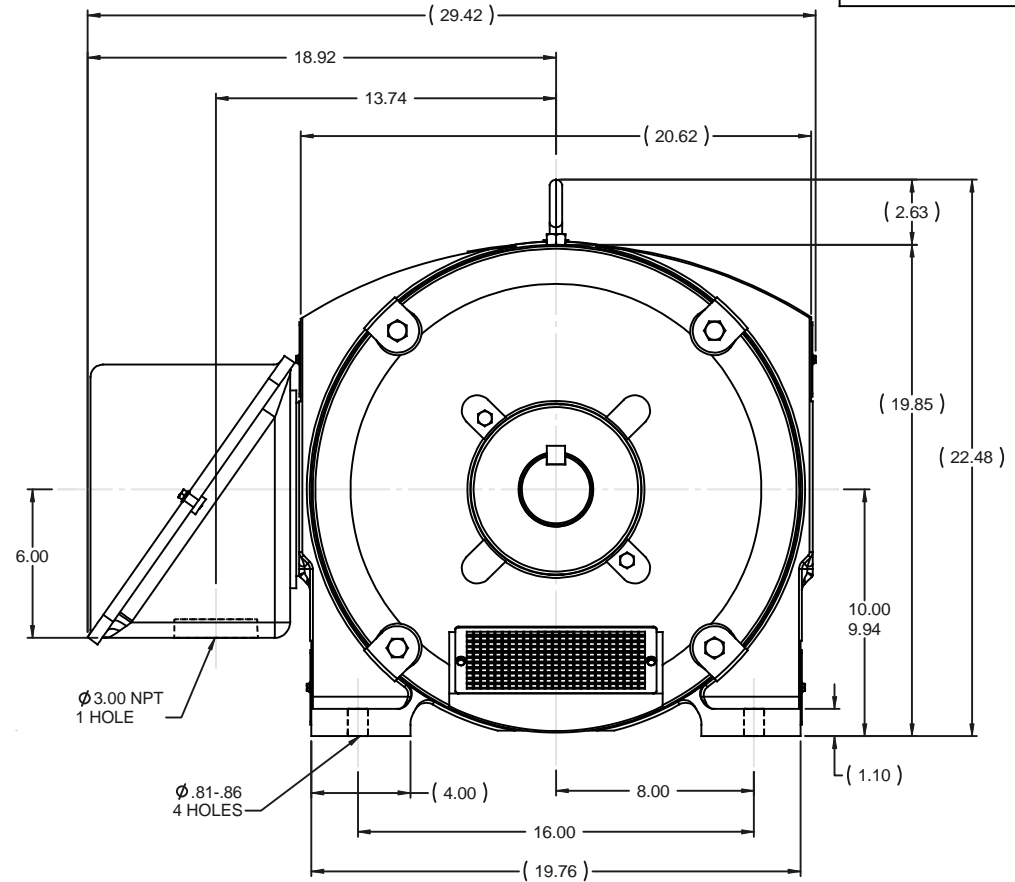
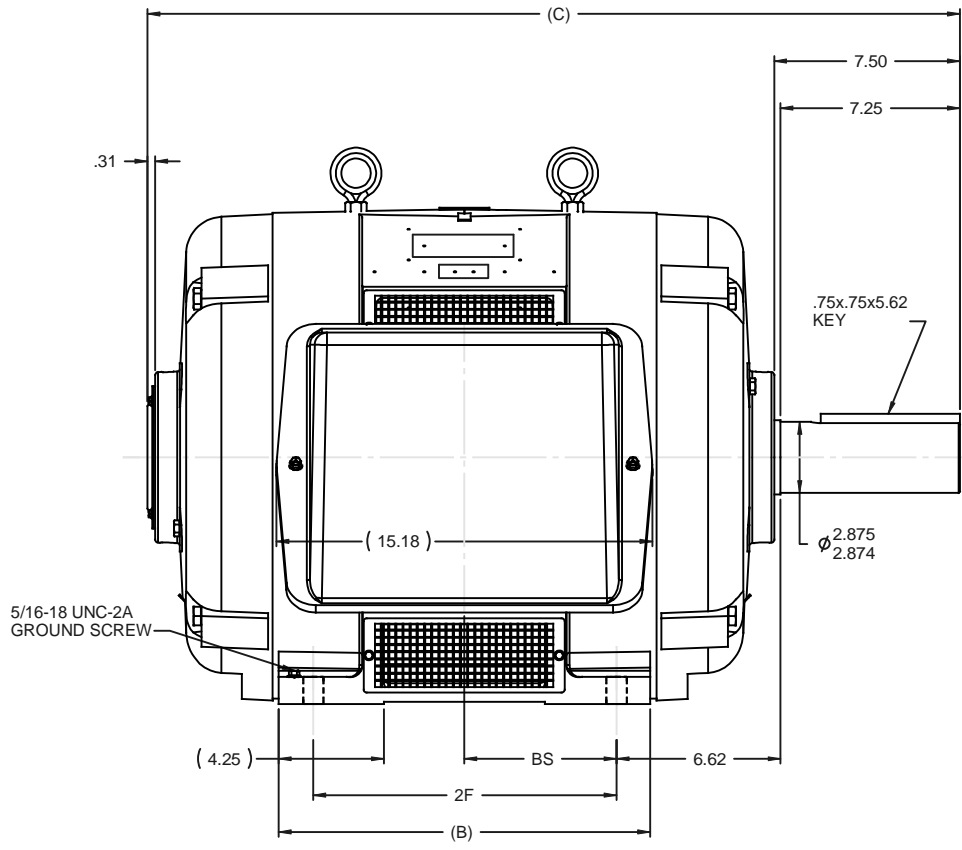
Nameplate Specifications

Output HP	50 Hp	Output KW	37.0 kW
Frequency	60 Hz	Voltage	460/796 V
Current	60.0/34.5 A	Speed	1120 rpm
Service Factor	1.15	Phase	3
Efficiency	87.5 %	Power Factor	89
Duty	Oil Well	Insulation Class	F
Design Code	D	KVA Code	G
Frame	404T	Enclosure	Drip Proof
Thermal Protection	No Protection	Ambient Temperature	40 °C
Drive End Bearing Size	6316	Opp Drive End Bearing Size	6316
UL	No	CSA	N
CE	N	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	.16 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	32.81 in
Frame Length	15.50 in	Shaft Diameter	2.875 in
Shaft Extension	7.5 in	Assembly/Box Mounting	F2/F1 Capable
Connection Drawing	A-EE7304H	Outline Drawing	B-SS513937-1550

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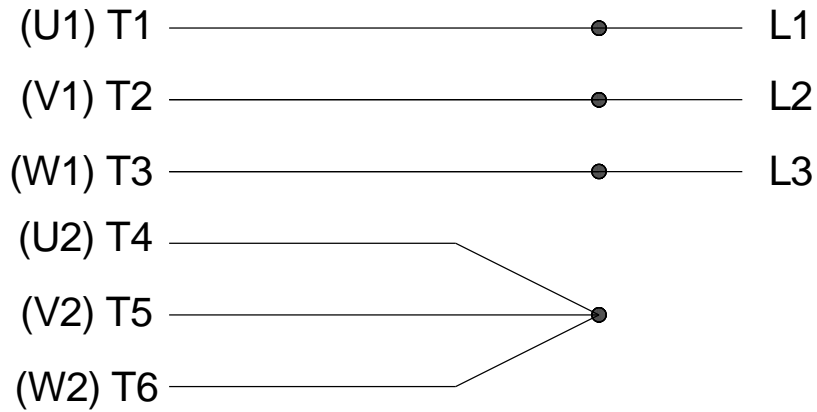


- NOTES:
 1- BOX CAN BE ROTATED IN 90° STEPS
 2- BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
 3- NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

DASH	FRAME	B	C	2F	BS
1550	404T	15.00	32.81	12.25	6.12
1700	405T	16.50	34.31	13.75	6.88

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN DA 02-06-1991
		DEC	INCHES			CHK TB 02-11-1991
4	C BOX LEAD HOLE WAS ϕ 2.50 NPT 2 HOLES CN 32922	DRS 12-07-2004	ML	x	\pm .1	APPR ML 02-11-1991
3	UPDATED C BOX GEOMETRY CN 28063	DRS 12-07-2004	XX	\pm .03	TITLE OUTLINE - DR.PR.	SCALE 1:5
2	ADDED SCREENS TO FRONT & REAR BRACKETS 4041416	DJK 06-18-1993	XXX	\pm .005	404 & 405T FR. - SCREENS - GRD SCREW	REF
1	NEW DRAWING CN 13005	DA 02-06-1991	XXXX	\pm .0005	MATL	FMF
NO	REVISION	BY & DATE	CHK	ANG	FINISH	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 SS513937		SIZE	DRAWING NO
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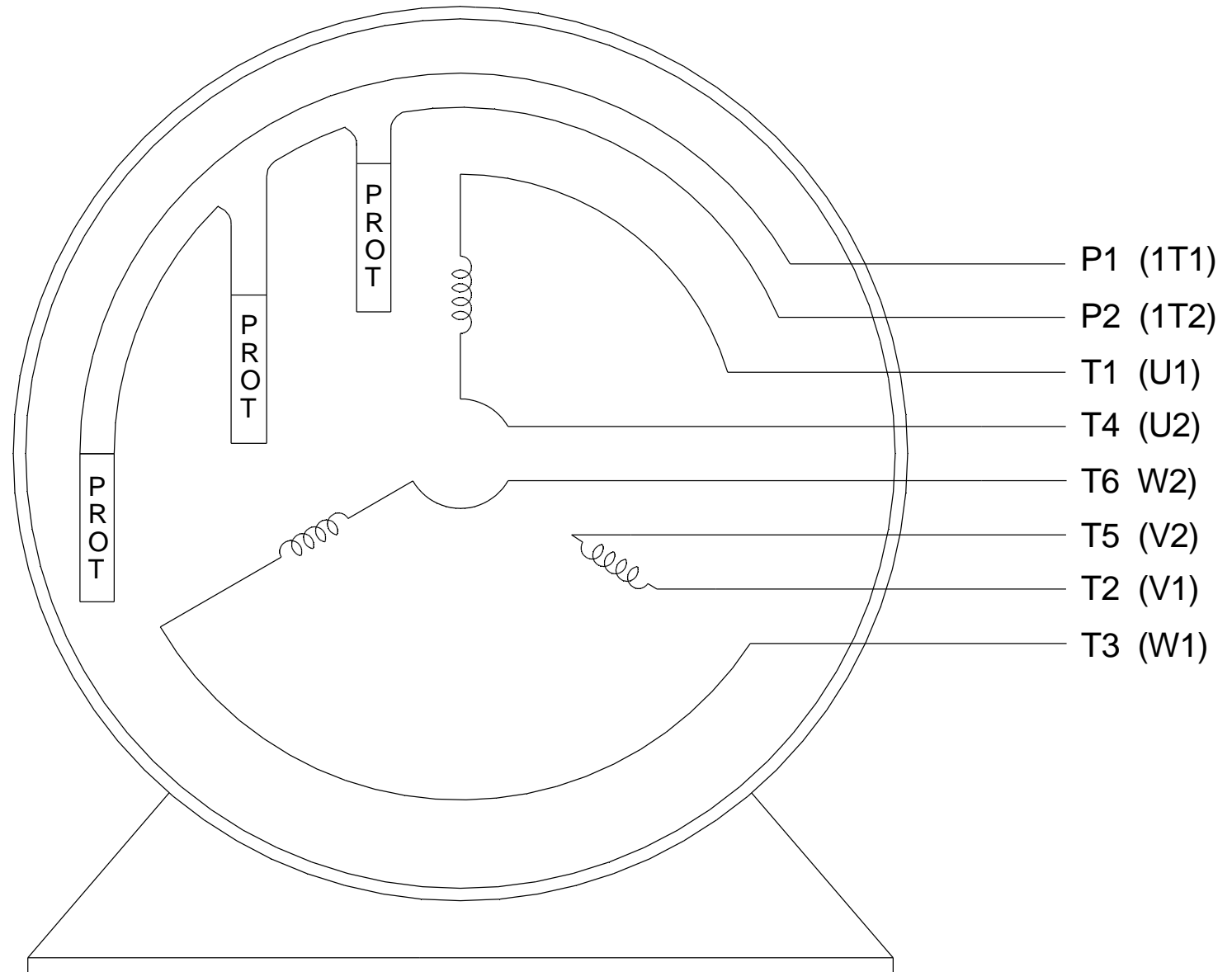
"Y" RUN




"Δ" BOOST



WHEN MORE THAN ONE
PROTECTOR IS USED,
CONNECT IN SERIES



VIEW OF TERMINAL END
3 ∅ DUAL VOLTAGE MOTOR

DRAWING REVISION A	REVISION BY HV	DATE 12-17-2014	TOLERANCES UNLESS OTHERWISE SPECIFIED: DEC. INCH mm ANGLE .X ±0.1 [±2.5] ±0.5° .XX ±0.01 [±0.25] XXX ±0.005 [±0.127] .XXXX ±0.0005 [±0.0127] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.076/.381] CORNER FILLETS: .02 [.51] MACHINED SURFACES: 125/3.2 INCH mm mm SHOWN IN [BRACKETS]	DRAWN BY BLR	 Regal Beloit America, Inc.	
ECO ECO-0065198	APPROVED BY EMH	DATE 12-17-2014		DATE 03-07-1998		
ECO DESCRIPTION REDRAWN IN SOLIDWORKS, REMOVED GRND. NOTE				APPROVED BY ML	DESCRIPTION CONN DIAGRAM-EXTERNAL DUAL VOLTAGE - 3 PHASE - 6 LEAD DELTA - Y	
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				REFERENCE	PROCESS/FINISH	
			THIRD ANGLE PROJECTION	SIZE A	DRAWING NUMBER EE7304H	SHEET 1 OF 1