

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 444TTGS6588

Catalog No: E580

Other Purpose Motor, 100 & 75 HP, 3 Ph, 60 & 50 Hz, 230/460 & 190/380 V, 1200 & 1000 RPM,
444T Frame, EPFC

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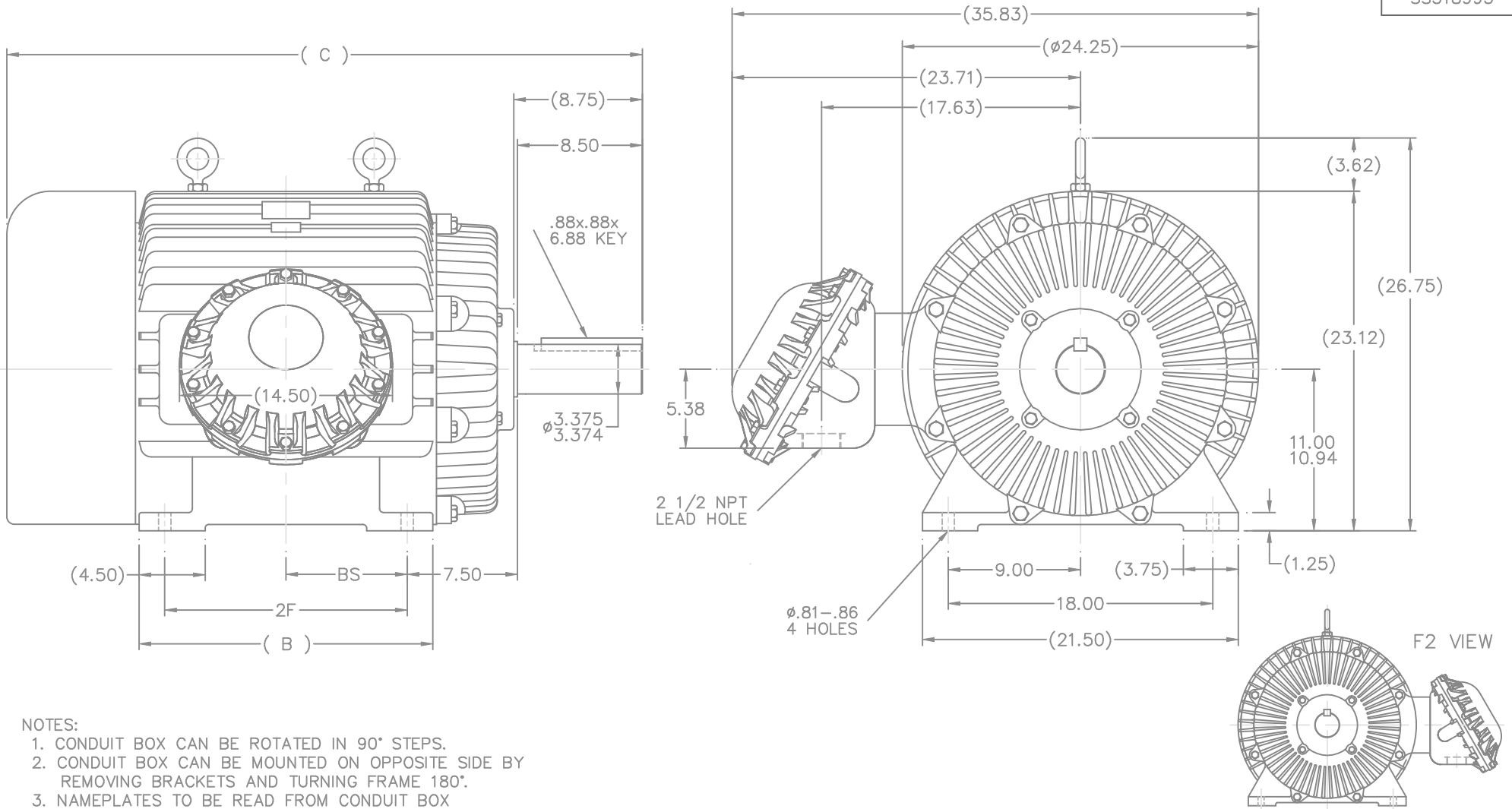
The logo for Regal Rexnord, featuring a stylized 'R' icon followed by the text 'RegalRexnord'.

Nameplate Specifications

Phase	3	Output HP	100 & 75 Hp
Output KW	75.0 & 56.0 kW	Voltage	230/460 & 190/380 V
Speed	1190 & 990 rpm	Service Factor	1.15 & 1.15
Frame	444T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Efficiency	94.5 & 94.1 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	238/119 & 216/108 A	Power Factor	83
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Drive End Bearing Size	6318	Opp Drive End Bearing Size	6316
UL	Listed	CSA	Y
CE	N	IP Code	54
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Inverter Rated	Starting Method	Line Or Inverter
Poles	6	Rotation	Reversible
Resistance Main	.072 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	41.25 in
Frame Length	18.50 in	Shaft Diameter	3.375 in
Shaft Extension	8.75 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE7308AD	Outline Drawing	B-SS518995-1850

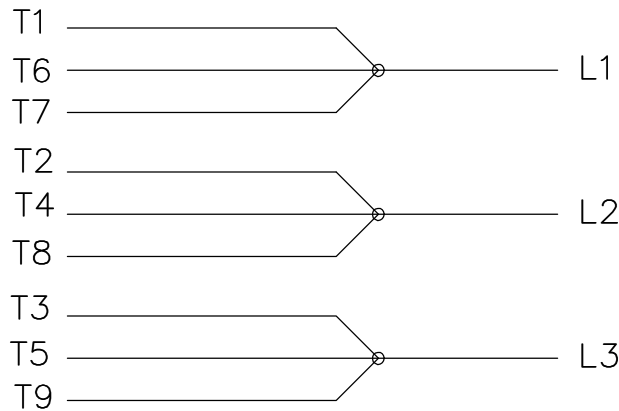


- NOTES:
1. CONDUIT BOX CAN BE ROTATED IN 90° STEPS.
 2. CONDUIT BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°.
 3. NAMEPLATES TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

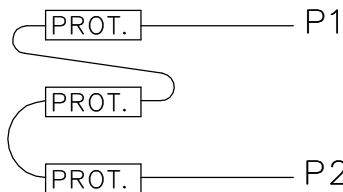
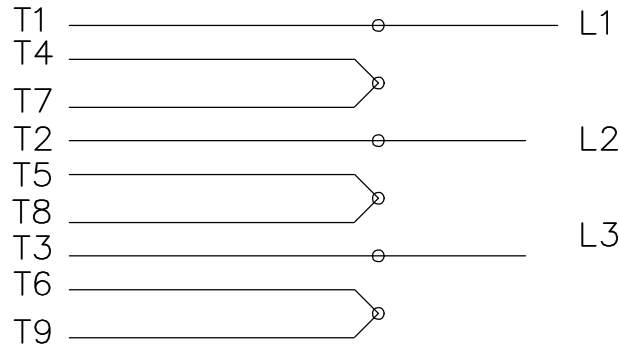
DASH	FRAME	B	C	2F	BS
1850	444T	18.00	41.25	14.50	7.25
2050	445T	20.00	43.25	16.50	8.25

		TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC		DRAWN HLB 02-18-2002	
		DEC.	INCHES			CHK	DRS 02-18-2002
		.X	±.1			APPD	DJK 02-18-2002
3	ADDED F2 VIEW	RJW	01-19-2007	ML	.XX ±.03	SCALE	5=32
2	UPDATED EYEBOLTS TO 2 WAS 1	DRS	08-22-2002	ML	.XXX ±.005	TITLE OUTLINE	
1	NEW DRAWING	HLB	02-18-2002	DJK	.XXXX ±.0005	440T FR. - EXP. PR.	REF
NO. REVISION		BY & DATE		CHK	ANG ±7'30"	MAT'L	FMF
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 ss518995	PREV	
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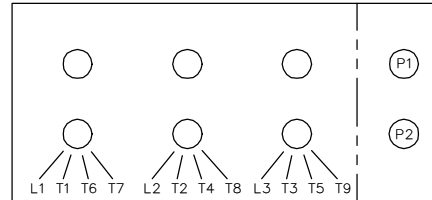
LOW VOLTAGE



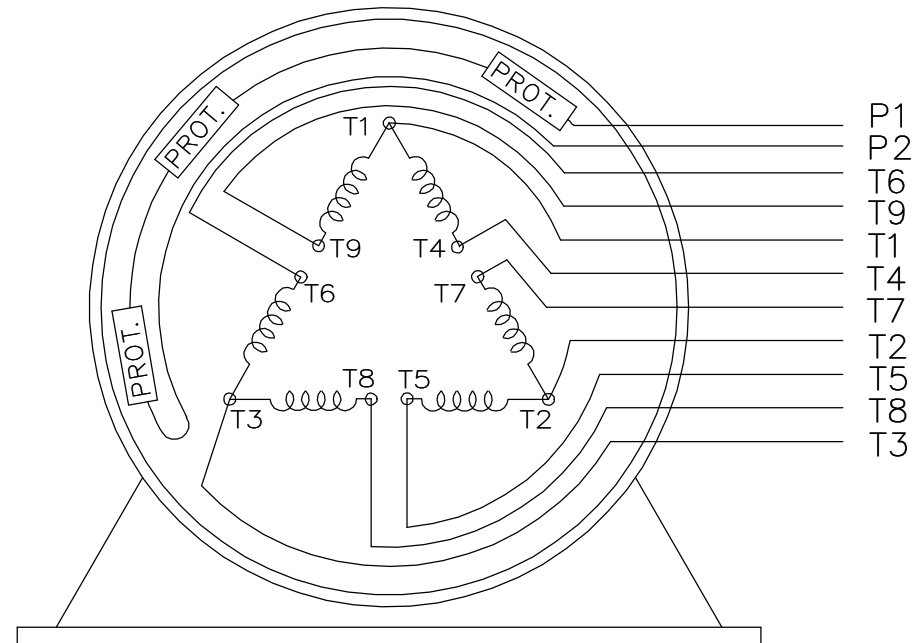
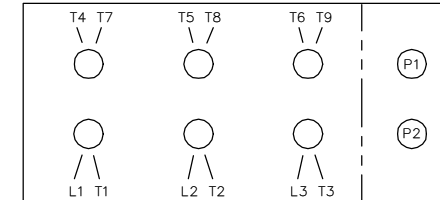
HIGH VOLTAGE



LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

WHEN MORE THAN ONE PROT. IS USED; PROT. ARE CONNECTED IN SERIES

DRAWING REVISION L	REVISION BY JP	REV DATE/© DATE 06-21-2019	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±7° 30" .XX ±0.02 [±0.5] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013]	DRAWN BY MJD	Regal Beloit America, Inc.
ECO ECO-0168744	APPROVED BY MH	DATE 06-21-2019		DATE 12-19-1997	
ECO DESCRIPTION UPDATED TO CURRENT STANDARDS			REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] X 45° CORNER FILLETS: R.02 [.5] MACHINED SURFACES: 200/ 5.1 INCH mm	APPROVED BY GK	DESCRIPTION CONN DIAGRAM-EXTERNAL
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			SIZE A	DRAWING NUMBER EE7308AD	SHEET 1 OF 1