

PRODUCT INFORMATION PACKET

marathon[®]
Motors

Model No: 444TTGS4038

Catalog No: U085

Other Purpose Motor, 125 & 100 HP, 3 Ph, 60 & 50 Hz, 460 & 380 V, 1800 & 1500 RPM, 444T Frame, EPFC

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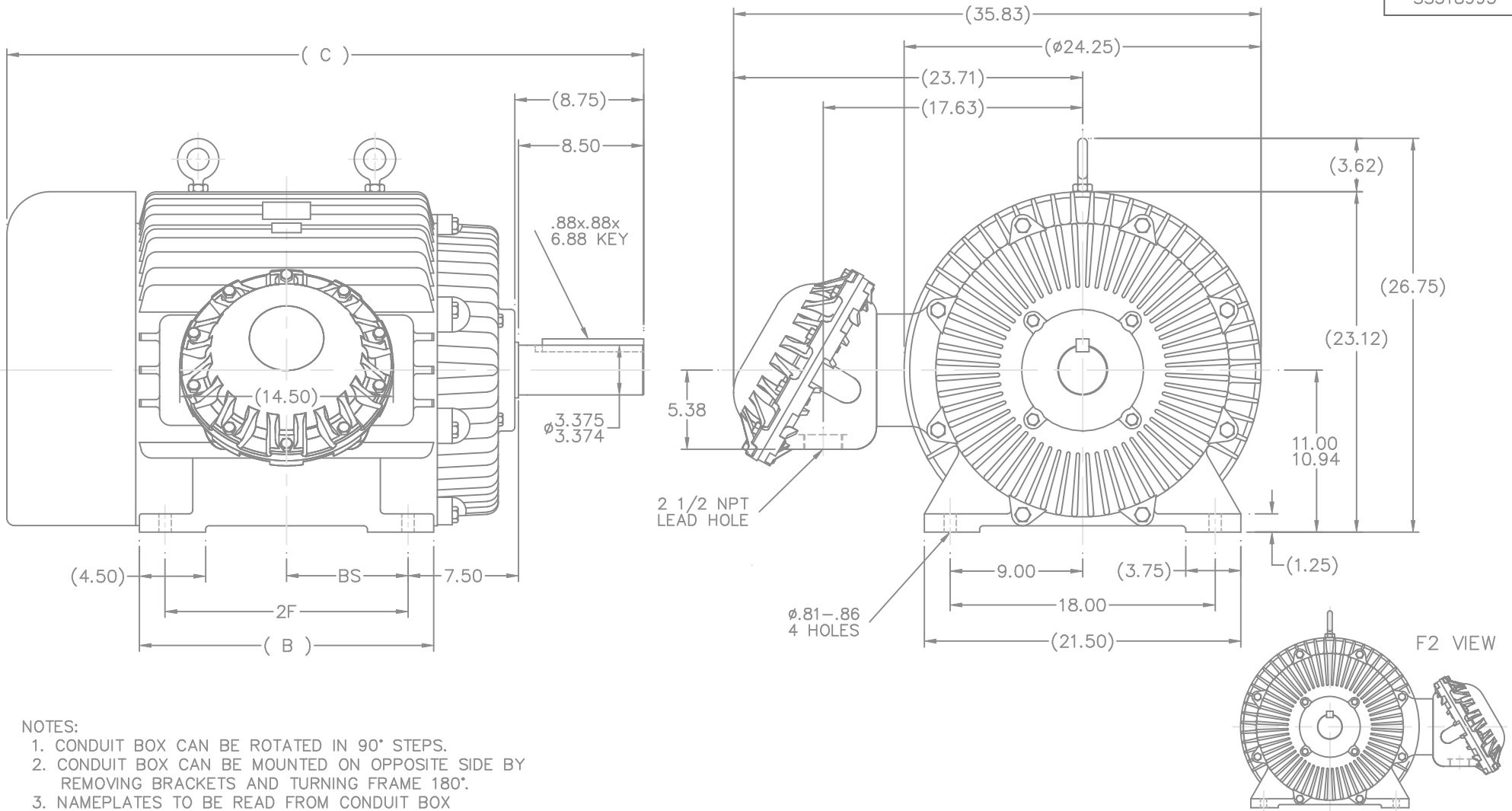
RegalRexnord

Nameplate Specifications

Phase	3	Output HP	125 & 100 Hp
Output KW	93.0 & 75.0 kW	Voltage	460 & 380 V
Speed	1780 & 1480 rpm	Service Factor	1.15 & 1.15
Frame	444T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Efficiency	94.5 & 93.6 %
Ambient Temperature	40 °C	Frequency	60 & 50 Hz
Current	142 & 145 A	Power Factor	87
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	4	Rotation	Reversible
Resistance Main	.031 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
Outline Drawing	B-SS518995-1850	Connection Drawing	A-EE7300S



- 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

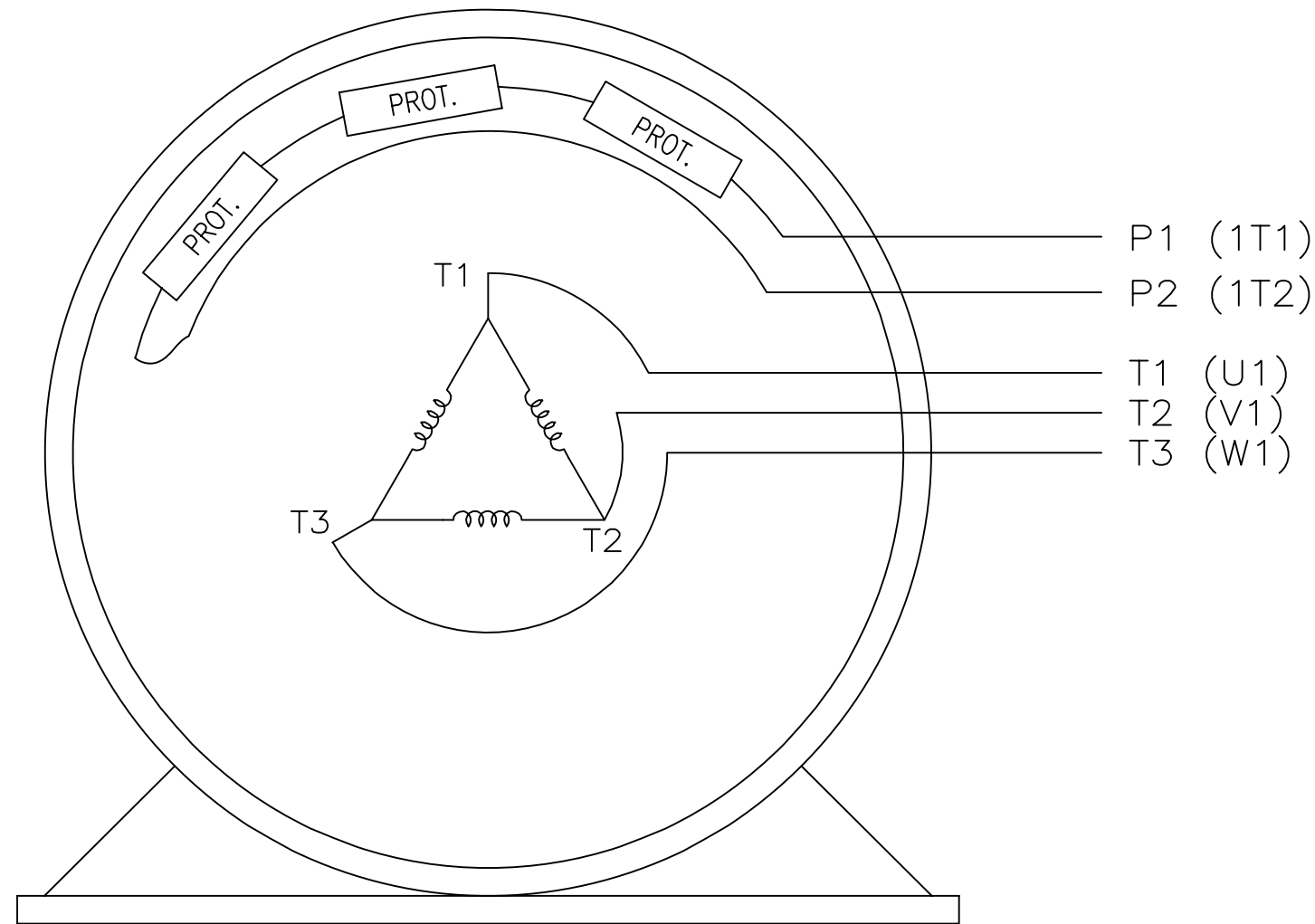
DASH	FRAME	B	C	2F	BS
1850	444T	18.00	41.25	14.50	7.25
2050	445T	20.00	43.25	16.50	8.25

		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
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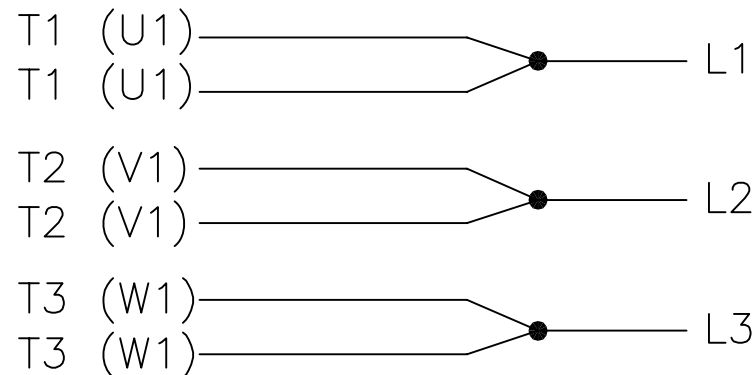
EE7300S

THREE PHASE – SINGLE VOLTAGE MOTOR

TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



IF MOTOR HAS MULTIPLE
T'S PER LEAD CONNECT
TOGETHER LIKE T'S



A-9806 DECAL

VIEW OF TERMINAL END

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED			DRAWN	PAGE	OF	REV.		
				DEC.	INCHES	FINISH					NO.	REV.
F	UPDATED TITLE BLOCK	HV 02-27-2014	EWB	.X	± -		KL	12-15-1999				
3	REMOVED "N.C." FROM PROT.'S MU61770	JJB 08-02-2010		.XX	± -		CHK	DJK 12-15-1999				
2	ADDED IEC MARKINGS MU61770	KL 09-16-2004	EAB	.XXX	± -		APPD	DJK 12-15-1999				
1	NEW DRAWING	KL 12-16-1999		.XXXX	± -				SCALE	1=1		
									REF			
									FMP			
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				DIST	WA-LB-SB			A	EE7300S			F

