

PRODUCT INFORMATION PACKET

Model No: 444TTGS11077

Catalog No: U976

Other Purpose Motor, 100 HP, 3 Ph, 60 Hz, 230/460 V, 1200 RPM, 444T Frame, EPFC



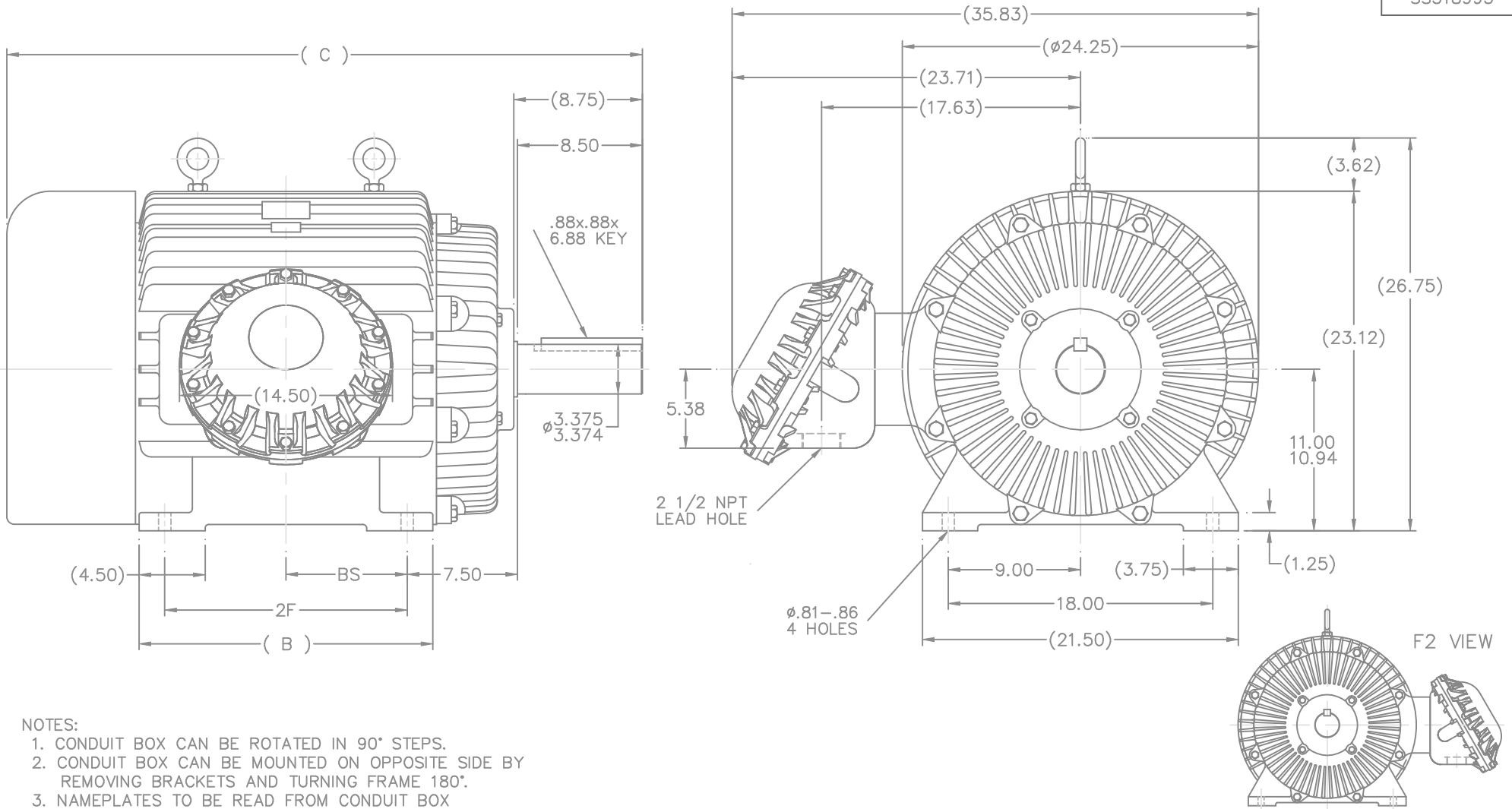
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Nameplate Specifications

Output HP	100 Hp	Output KW	75.0 kW
Frequency	60 Hz	Voltage	230/460 V
Current	238.0/119.0 A	Speed	1190 rpm
Service Factor	1.15	Phase	3
Efficiency	94.1 %	Power Factor	84
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	G
Frame	444T	Enclosure	Explosion Proof Fan cooled
Thermal Protection	No Protection	Ambient Temperature	40 °C
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 Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	.082 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-EE7308K	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

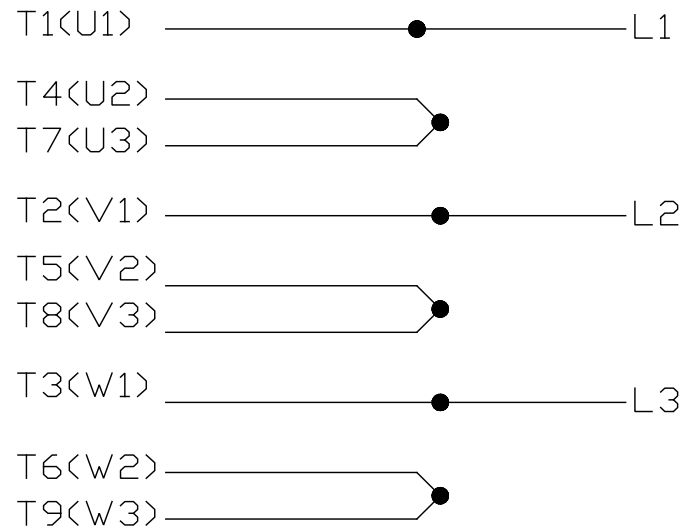
DASH	FRAME	B	C	2F	BS
1850	444T	18.00	41.25	14.50	7.25
2050	445T	20.00	43.25	16.50	8.25

		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
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LOW VOLTAGE



HIGH VOLTAGE



VIEW OF TERMINAL END

			TOLERANCES UNLESS SPECIFIED		 REGAL - BELOIT CORPORATION	DRAWN PGK 06-04-1997					
NO.	REVISION	BY & DATE	CHK	ANG		±	INCHES	CHK	ML 06-05-1997		
E	CORRECTED IEC MARKINGS ECD-0111208	WGJ 01-23-2017	EMH	DEC.				APPD	GK 06-15-1997		
D	RE-DRAWN WITH REGAL LOGO ECD-0110493	WGJ 09-30-2016	EMH	.X	±.1						
8	ADDED IEC DESIGNATIONS MU95020	TJW 4/30/2010	MJS	.XX	±.02		TITLE	CONNECTION DIAGRAM	SCALE		
7	REVISED HIGH VOLTAGE L2 WAS L3 CN52600-354	MRB 09-21-1998		.XXX	±.005			REF			
6	REDRAWN ON CADD	PGK 06-05-1997		.XXXX	±.0005		MAT'L.	FMF			
					±7'30"		FINISH	PREV			
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