

PRODUCT INFORMATION PACKET

Model No: 184UTTS8078

Catalog No: P317

Automotive Duty Motor, 1.50 HP, 3 Ph, 60 Hz, 460 V, 1200 RPM, 184U Frame, TENV

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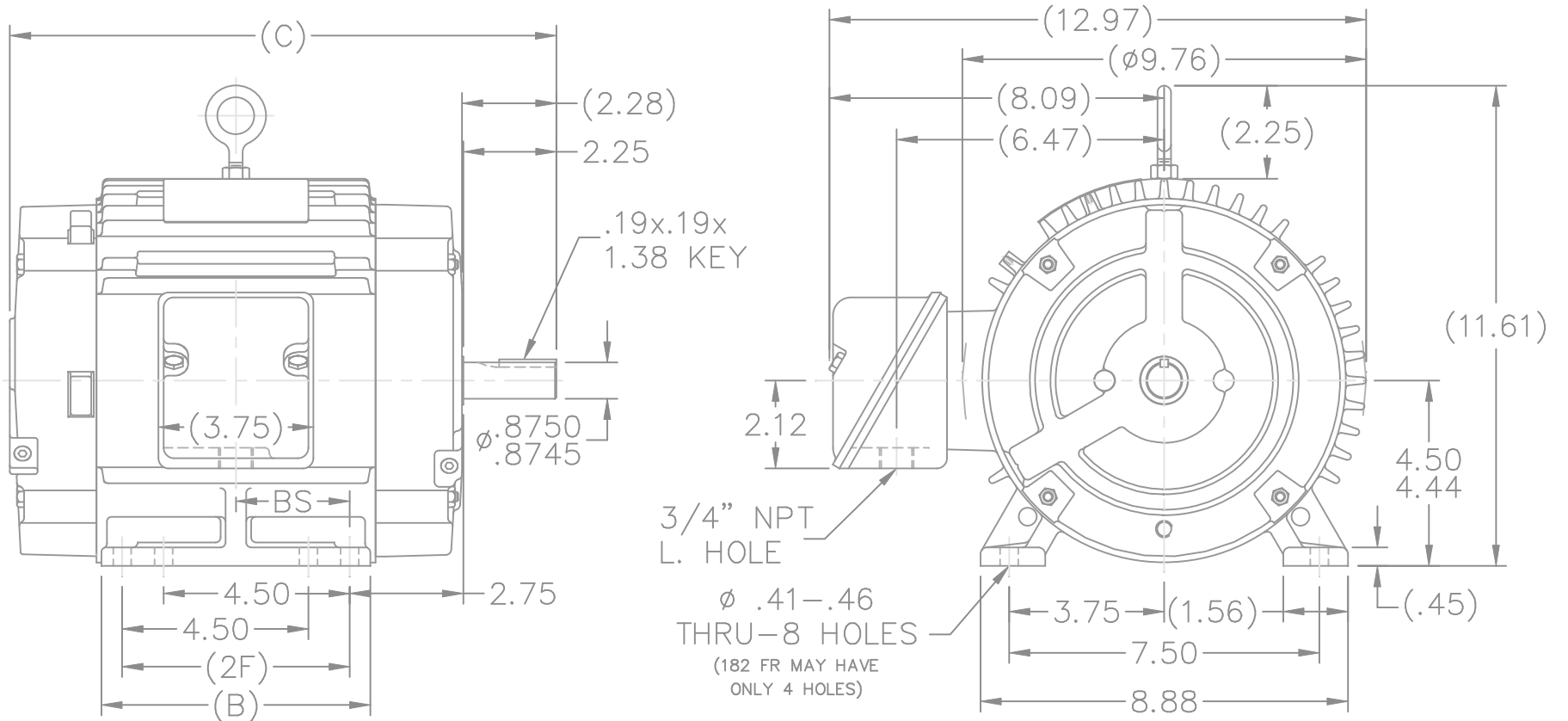


Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	460 V
Current	2.2 A	Speed	1175 rpm
Service Factor	1	Phase	3
Efficiency	86.5 %	Power Factor	71.5
Duty	Continuous	Insulation Class	F
Design Code	B	KVA Code	L
Frame	184U	Enclosure	Totally Enclosed Non Ventilated
Thermal Protection	No Protection	Ambient Temperature	65 °C
Drive End Bearing Size	6206	Opp Drive End Bearing Size	6205
UL	Recognized	CSA	Y
CE	Y	IP Code	43
Number of Speeds	1		

Technical Specifications

Electrical Type	Squirrel Cage Induction Run	Starting Method	Across The Line
Poles	6	Rotation	Reversible
Resistance Main	7.75 Ohms	Mounting	Rigid Base
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Cast Iron
Shaft Type	U	Overall Length	13.21 in
Frame Length	6.75 in	Shaft Diameter	0.880 in
Shaft Extension	2.28 in	Assembly/Box Mounting	F1/F2 Capable
Outline Drawing	A-SS68737-675	Connection Drawing	A-EE7300



- 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. NAMEPLATE TO BE READ FROM CONDUIT BOX SIDE OF MOTOR

DASH	FRAME	B	C	2F	BS
575	182TZ	5.50	12.21	4.50	2.25
675	184TZ	6.50	13.21	5.50	2.75

			TOLERANCES UNLESS SPECIFIED			DRAWN MRB 10-22-1998					
			DEC.	INCHES		CHK ML 10-26-1998					
			.X	±.1		APPD GK 10-29-1998					
3	REDRAWN IN AUTOCAD	TAT 05-19-2005	ML	.XX	±.03	SCALE 1=4					
2	REVISED TO CAST IRON COND. BOX MU36616	KL 04-23-2001		.XXX	±.005	REF					
1	NEW DRAWING CN 26867	MRB 10-29-1998		.XXXX	±.0005	FMF					
NO.	REVISION	BY & DATE	CHK	ANG	±'	FINISH	PREV				
			RFP			CAD FILE ss68737	SIZE A	DRAWING NO. SS68737	PAGE	OF	REV. 3
			DIST	LB							

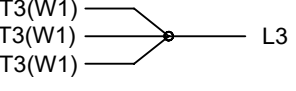
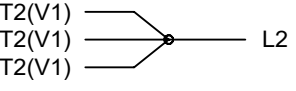
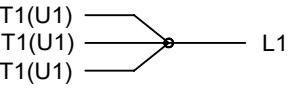
THREE PHASE - SINGLE VOLTAGE
MOTOR - CONDUIT BOX @ 'A'

TERMINAL BLOCK WHEN SPECIFIED

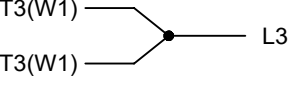
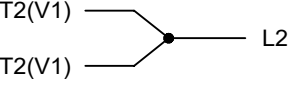
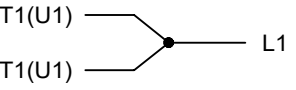
TO REVERSE ROTATION:
INTERCHANGE ANY TWO LINE
LEAD CONNECTIONS



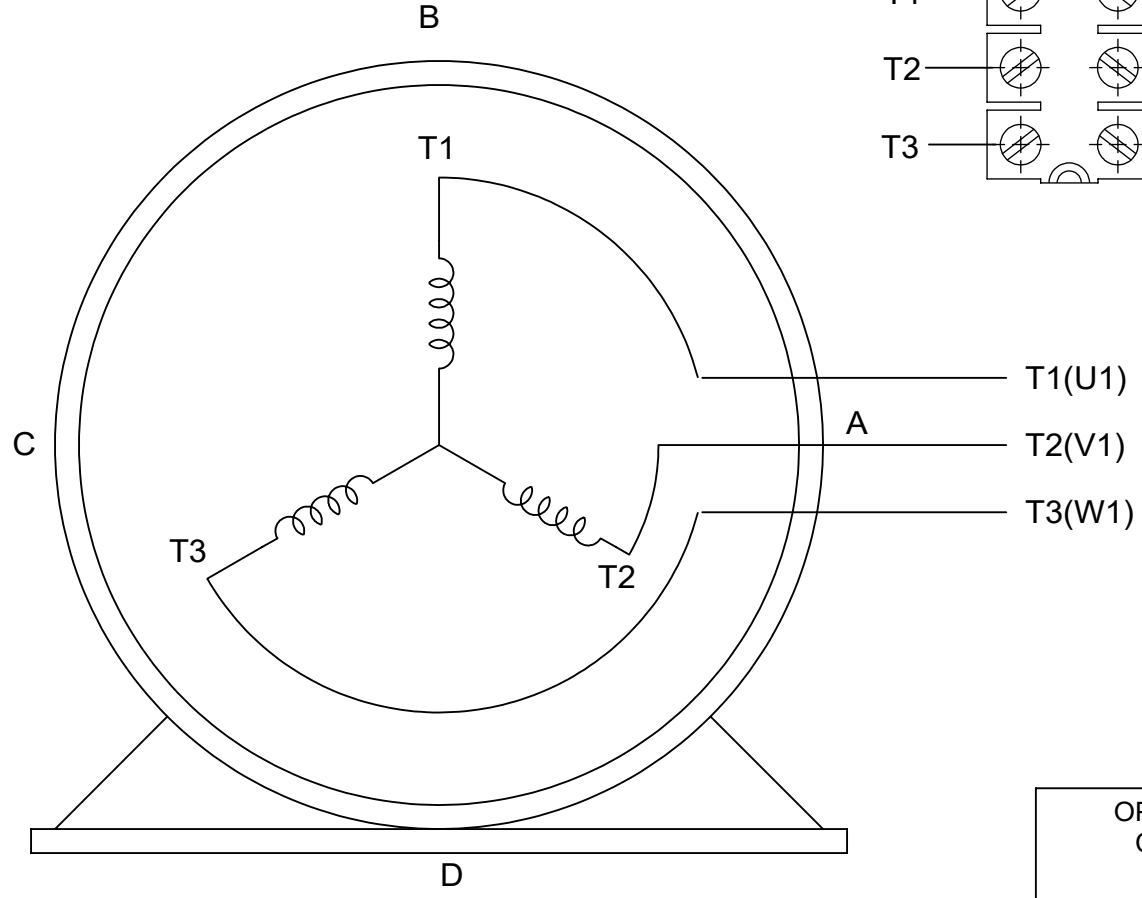
IF MOTOR HAS
9 LEADS



IF MOTOR HAS
6 LEADS



A-9806 DECAL



VIEW OF TERMINAL END

OPTIONAL CORD CONNECTION	
L1	WHITE
L2	RED
L3	BLACK

DRAWING REVISION AC	REVISION BY BS	REV DATE/© DATE 26/07/2022
REQUEST NUMBER CR-0010402	APPROVED BY SN	DATE 26/07/2022

PRIMARY DIMENSIONS ARE INCH
mm DIMENSIONS IN [BRACKETS]
ARE FOR REFERENCE ONLY

DRAWN BY DA	DATE 03-26-1993
APPROVED BY TB	DATE 03-26-1993
REFERENCE	
THIRD ANGLE PROJECTION	

		Regal Beloit America, Inc.	
DESCRIPTION CONNECTION DIAGRAM EXTERNAL - SINGLE VOLTAGE - 3Ø MOTOR			
MATERIAL		PROCESS/FINISH	
SIZE A	DRAWING NUMBER EE7300		SHEET 1 OF 1

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