

PRODUCT INFORMATION PACKET

Modal No: 145TTDR6013
Catalog No: GT0409
3,3600,DP,145JM,3/60/230/460
JM



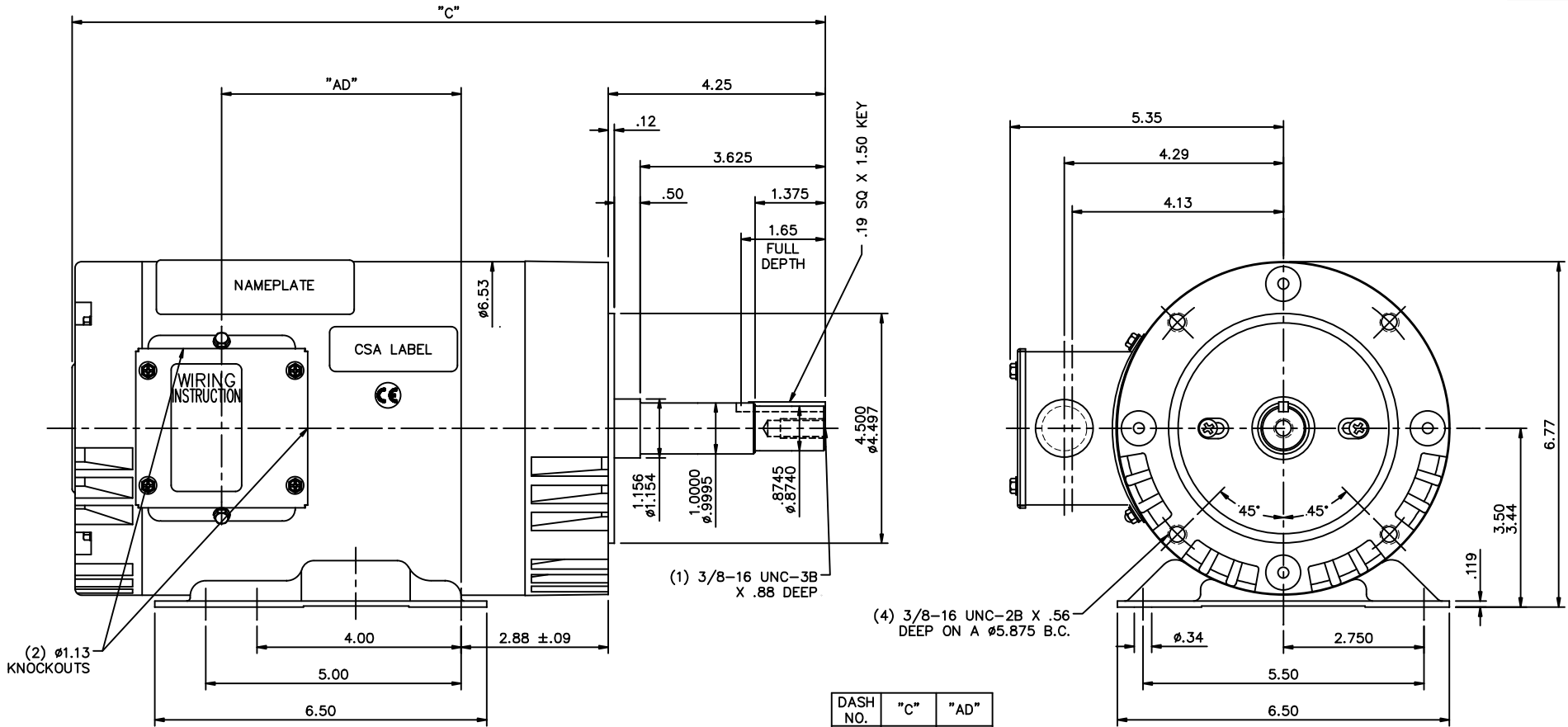
Regal and Marathon are trademarks of Regal Beloit Corporation or one of its affiliated companies.
©2017 Regal Beloit Corporation, All Rights Reserved. MC017097E

Nameplate Specifications

Output HP	3 Hp	Output KW	2.24 kW
Frequency	60 Hz	Voltage	230/460 V
Current	7.2/3.6 A	Speed	3490 rpm
Service Factor	1.15	Phases	3
Efficiency	86.5 %	Duty	CONTINUOUS
Insulation Class	F	Design Code	B
KVA Code	K	Frame	145JM
Enclosure	DP	Overload Protector	NOT
Ambient Temperature	40 °C	Drive End Bearing Size	6206
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	SQ CAGE INV RATED	Starting Method	LINE OR INVERTER
Poles	2	Rotation	REV
Mounting	RIGID	Motor Orientation	HORIZONTAL
Drive End Bearing	BALL	Opp Drive End Bearing	BALL
Frame Material	ROLLED STEEL	Shaft Type	JM
Overall Length	14.75 in	Frame Length	7.5 in
Shaft Diameter	0.88 in	Shaft Extension	4.25 in
Assembly/Box Mounting	F1 ONLY		



(1) 3/8-16 UNC-3B X .88 DEEP

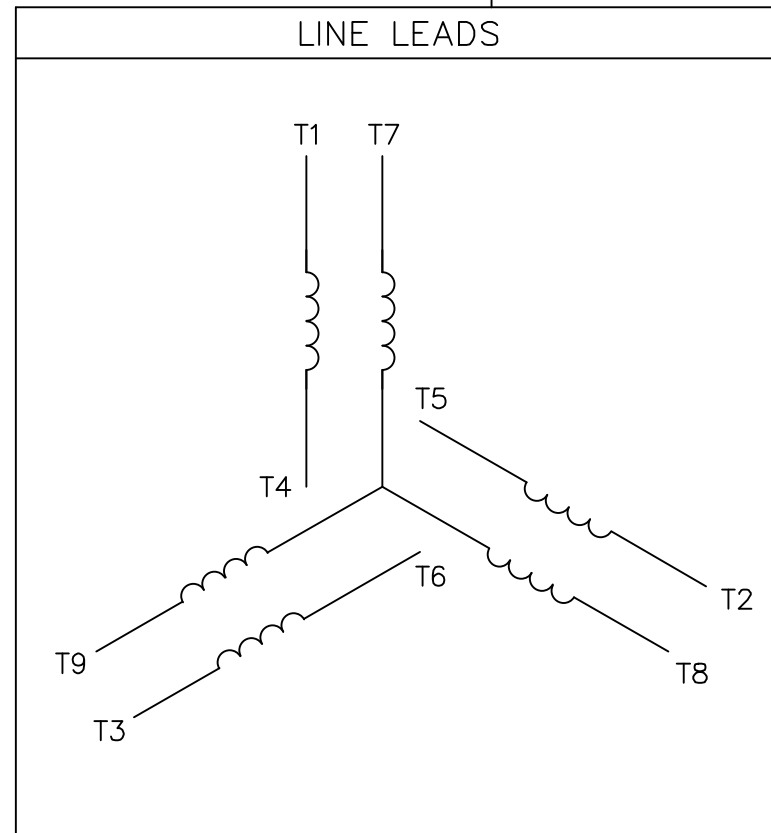
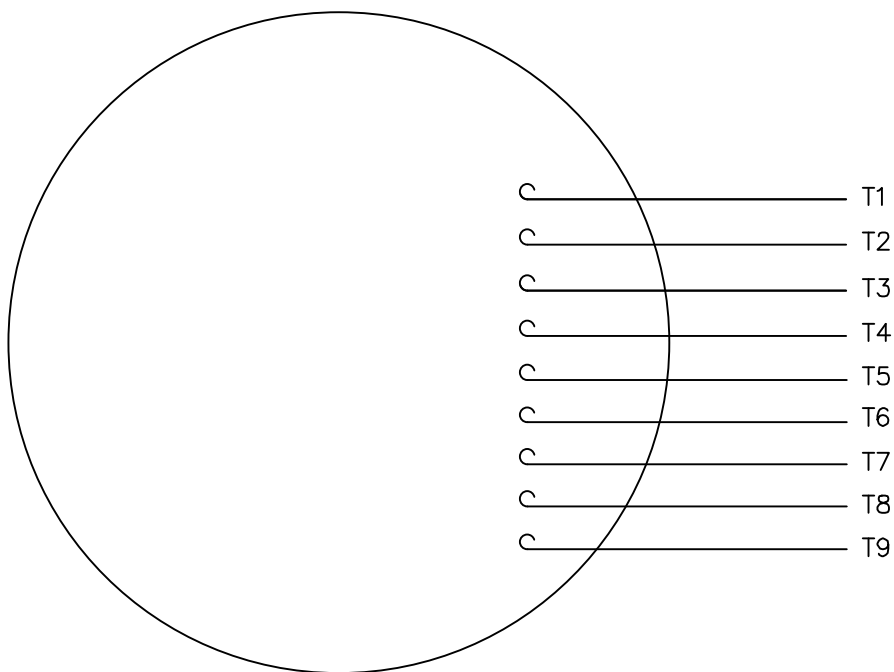
(4) 3/8-16 UNC-2B X .56 DEEP ON A Ø5.875 B.C.

DASH NO.	"C"	"AD"
650	13.75	3.69
700	14.25	4.19
750	14.75	4.69
800	15.25	5.19
825	15.50	5.44
850	15.75	5.69
875	16.00	5.94
900	16.25	6.19
950	16.75	6.69

MAXIMUM FACE RUNOUT .004 T.I.R.
 MAXIMUM PILOT ECCENTRICITY .004 T.I.R.
 PERMISSIBLE SHAFT RUNOUT .002 T.I.R.

NO.		REVISION	BY & DATE	CHK	ANG	±1/2"	RFP	CAD FILE	029012	SIZE	DRAWING NO.	REV.
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												
							TOLERANCES UNLESS SPECIFIED DEC. INCHES .X ±.1 .XX ±.03 .XXX ±.005 .XXXX ±.0005				DRAWN JD 10/11/10 CHK APPD SCALE 1=2 REF 028950 FMF PREV	
							TITLE OUTLINE - 145JM FRAME DRIP PROOF - RIGID "C"		MAT'L JM PUMP MOTOR		REF 028950 FMF PREV	
							FINISH CAD FILE		029012		B 029012	

VIEW FROM OUTSIDE OF MOTOR AT SWITCH END.



VOLTAGE	L1	L2	L3	JOIN & INSULATE
HIGH	T1	T2	T3	(T4,T7) (T5,T8) (T6,T9)
LOW	T1,T7	T2,T8	T3,T9	T4,T5,T6

NO.	REVISION	BY & DATE	CHK	TOLERANCES UNLESS SPECIFIED	
				DEC.	INCHES
				.X	±.1
				.XX	±.01
				.XXX	±.005
				.XXXX	±.0005
				ANG	±1/2°



TITLE: EXTERNAL WIRING DIAGRAM
3 PHASE W/O PROTECTOR

MAT'L: DECAL - 004014

FINISH: 4 of 4

DRAWN RDW 04/12/02

CHK

APPD

SCALE 1=1

REF FIG.2-51

FMF

PREV