

PRODUCT INFORMATION PACKET



Model No: 048S17T365

Catalog No: X911

General Purpose Farm Duty Motor, 0.33 & 0.13 HP, 1 Ph, 60 Hz, 115 & 115 V, 1800 & 1800 RPM,
48Z Frame, TEAO



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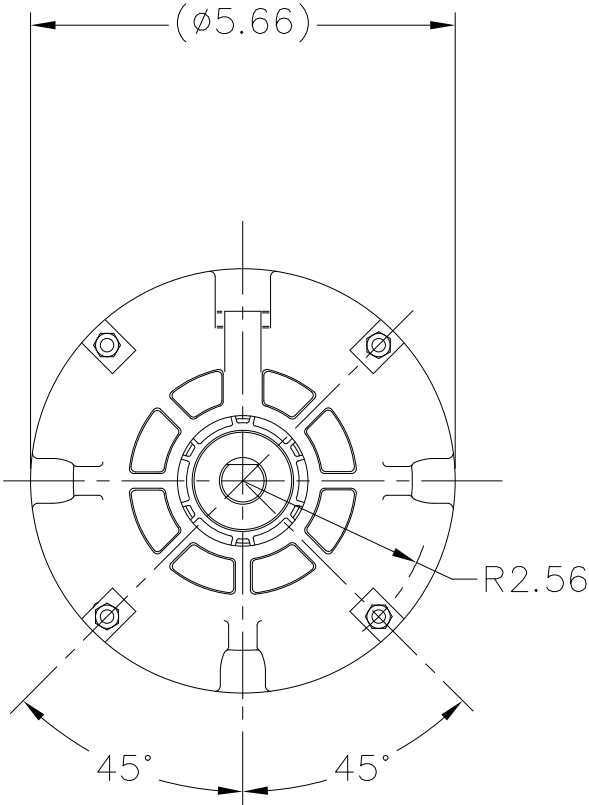
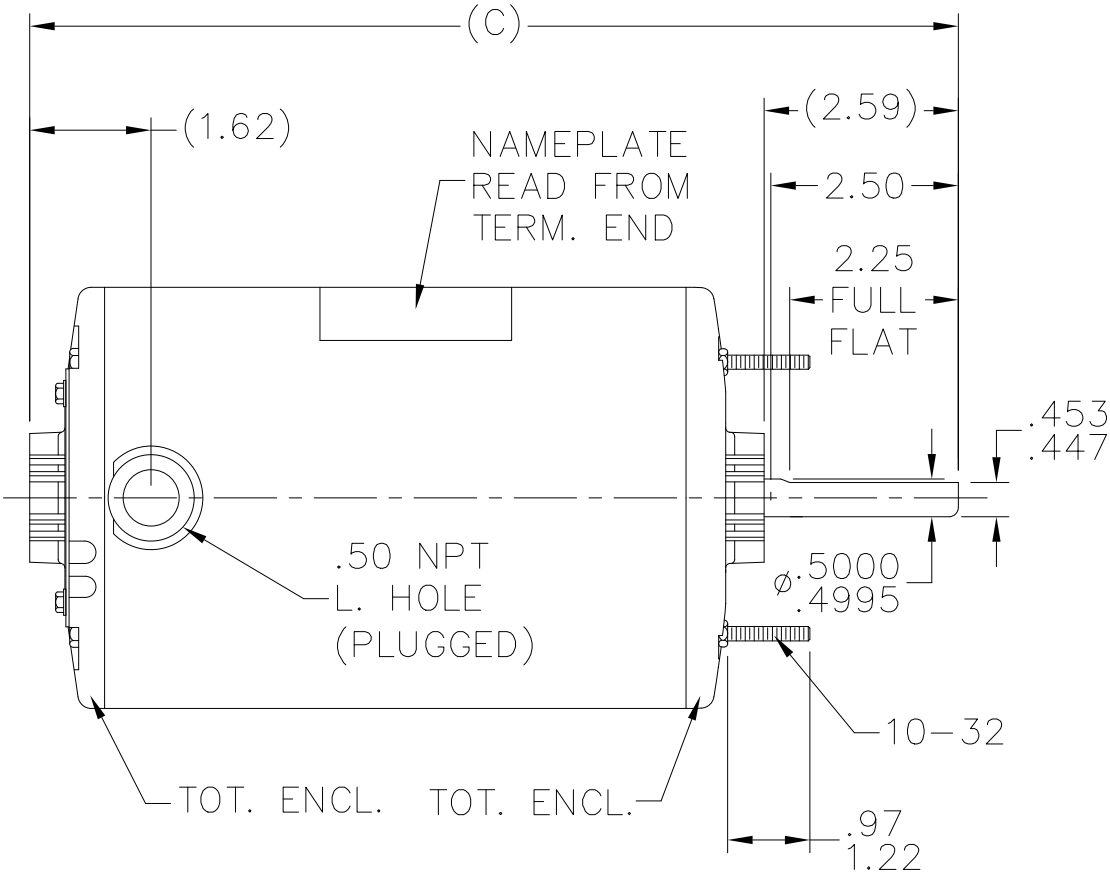


Nameplate Specifications

Phase	1	Output HP	0.33 & 0.13 Hp
Output KW	0.25 & 0.09 kW	Voltage	115 & 115 V
Speed	1725 & 1150 rpm	Service Factor	1.0 & 1.0
Frame	48Z	Enclosure	Totally Enclosed Air Over
Thermal Protection	Automatic	Efficiency	64.0 %
Ambient Temperature	40 °C	Frequency	60 Hz
Current	5.3 & 2.9 A	Power Factor	66
Duty	Continuous	Insulation Class	B
Design Code	2VT	KVA Code	P
Drive End Bearing Size	6203	Opp Drive End Bearing Size	6203
UL	Recognized	CSA	Y
CE	N	IP Code	43
Number of Speeds	2		

Technical Specifications

Electrical Type	Split Phase	Starting Method	Across The Line
Poles	4//6	Rotation	Selective Counterclockwise
Resistance Main	0 Ohms	Mounting	Round - Extended Studs
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Single Special Extension	Overall Length	11.34 in
Frame Length	6.75 in	Shaft Diameter	0.500 in
Shaft Extension	2.59 in	Assembly/Box Mounting	F1 ONLY
Connection Drawing	A-EE9005B	Outline Drawing	A-SS75127-675



TERM END

DASH	FR.	C	DASH	FR.	C
575	48	10.34	675	48	11.34
625	48	10.84			
650	48	11.09			

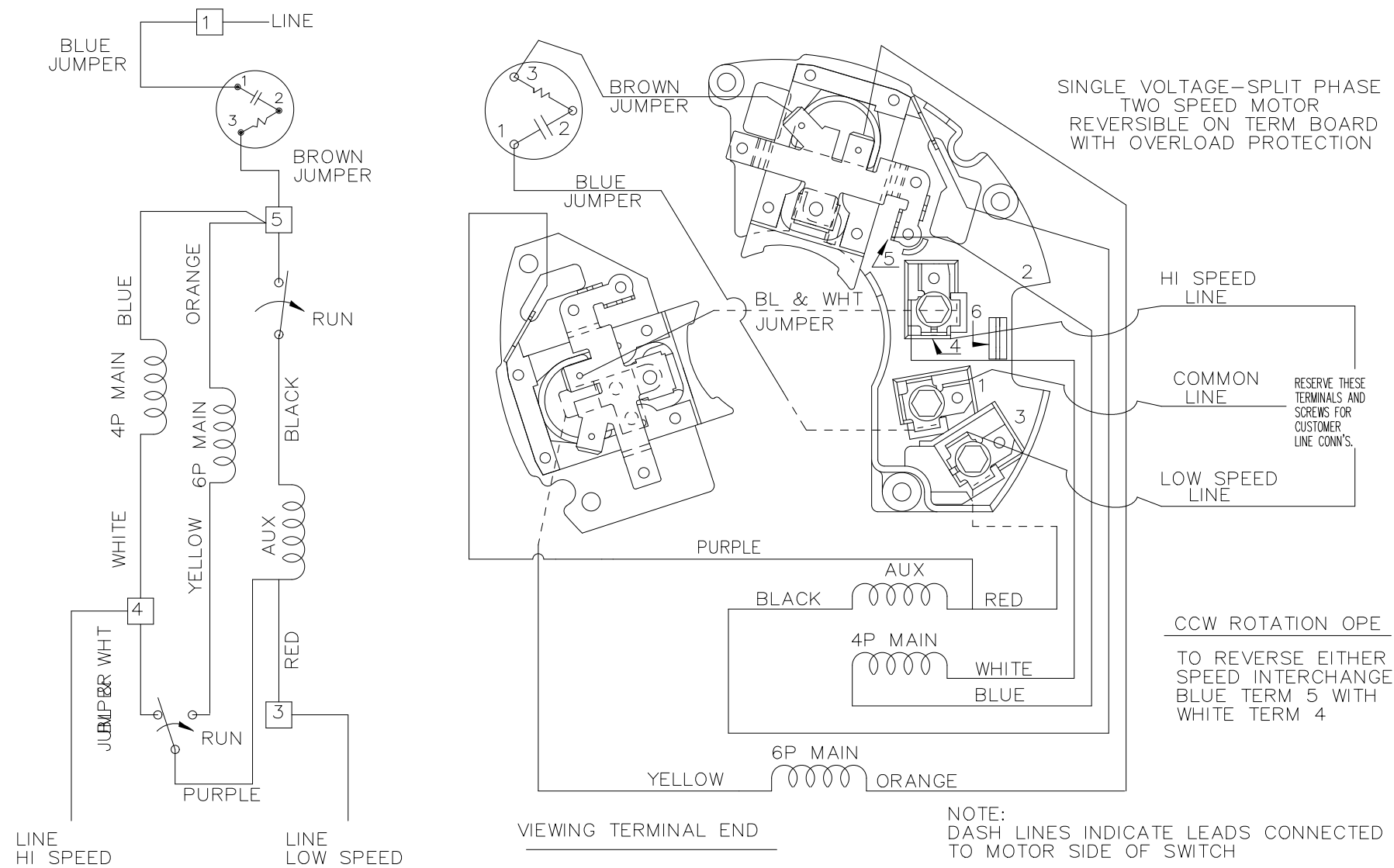
				TOLERANCES UNLESS SPECIFIED		 Regal Beloit America, Inc.	DRAWN RM 03-04-1991			
				DEC.	INCHES		CHK ML 03-05-1991			
4	CHG FROM MARATHON TO RRX TEMPLATE PER ECR-0233452	MD 4/30/24	DS	.X	±.1	TITLE OUTLINE	APPD RJS 03-08-1991			
3	UPDATED DRAWING	TJW 04/16/2007		.XX	±.03		SCALE 3=8			
2	REDRAWN IN AUTOCAD	TAT 05-09-2005	ML	.XXX	±.005		REF			
1	NEW DRAWING 3783642	RM 03-04-1991		.XXXX	±.0005	MAT'L.	FMF			
NO.	REVISION	BY & DATE	CHK	ANG	±7'30"	FINISH	PREV			
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 ss75127		SIZE	DRAWING NO.	PAGE OF	REV.
			DIST WP		3 of 6		A	SS75127		4

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DRAWING REVISION 4	REVISION BY KVDG	REV DATE/ © DATE 05/06/2025	TOLERANCES (EXCEPT AS NOTED): DEC. INCH mm ANGLE .X ±0.1 [±3] ±0.5° .XX ±0.01 [±0.3] .XXX ±0.005 [±0.13] .XXXX ±0.0005 [±0.013] REMOVE BURRS & BREAK SHARP EDGES: .003/.015 [.08/.38] x 45 CORNER FILLETS: R.02 [.5] MACHINED SURFACES:		DRAWN BY RM	 Regal Beloit America, Inc.	
REQUEST NUMBER ECR-0242555	APPROVED BY DS	DATE 05/06/2025			DATE 12-03-1990	APPROVED BY GK	DESCRIPTION CONNECTION DIAGRAM 48 FR. TWO SPEED
REQUEST NUMBER DESCRIPTION UPDATED THE DRAWING TO RRX TEMPLATE.					DATE 12-03-1990	REFERENCE	MAT'L PROCESS/FINISH
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							SHEET 1 OF 1



CERTIFICATION DATA SHEET

CUSTOMER: REGAL BELOIT DE MEXICO
ORDER #: MU130306
CONN. DIAGRAM: A-EE9005B
OUTLINE: A-SS75127-675
WINDING #: SE48(4-6)7

CUSTOMER PO#:
MODEL #: 48S17T365 A
CUSTOMER PART
#:
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

HP	kW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1/3	0.25	1800	1725	48Z	TEAO	P	2VT

PH	Hz	VOLTS	AMPS	START TYPE	DUTY	INSL	S.F.	AMB°C
1	60	115	5.3	ACROSS THE LINE	CONTINUOUS	B3	1	40

FULL LOAD EFF:	64	3/4 LOAD EFF:	56	1/2 LOAD EFF:	48.3	GTD. EFF	ELEC. TYPE
FULL LOAD PF:	66(0.66)	3/4 LOAD PF:	63	1/2 LOAD PF:	52.8	59.5	SPLIT PHASE

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
24 LB-FT	5.76	105.3 LB-FT	105.3 LB-FT	-

*** SUPPLEMENTAL INFORMATION ***

DE BRACKET TYPE	ODE BRACKET TYPE	MOUNT TYPE	ORIENTATION	SEVERE DUTY	HAZARDOUS LOCATION	DRIP COVER	SCREENS	PAINT
STANDARD	STANDARD	ROUND-EXTENDED STUDS	HORIZONTAL	FALSE	NONE	FALSE		GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	ROLLED STEEL
DE	ODE						
BALL	BALL	POLYREX EM	SGL SPL EXT	00 x 2.50 IN SEF WITH 2.25 IN FULL F	NONE	1144 STRESSPROOF (C-223)	CAST IRON
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	UT LCK RTR ONI	NONE	NONE	NONE	FALSE	NONE

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INVERTER TORQUE:	NONE
INV. HP SPEED RANGE:	NONE
ENCODER:	NONE
NONE	NONE
NONE	NONE PPR
BRAKE:	NONE
NONE	P/N NONE
NONE	NONE
NONE	FT-LB NONE V NONE Hz

REV 1 - CHANGED LOGO FROM MARATHON TO LEESON - 3/25/2025



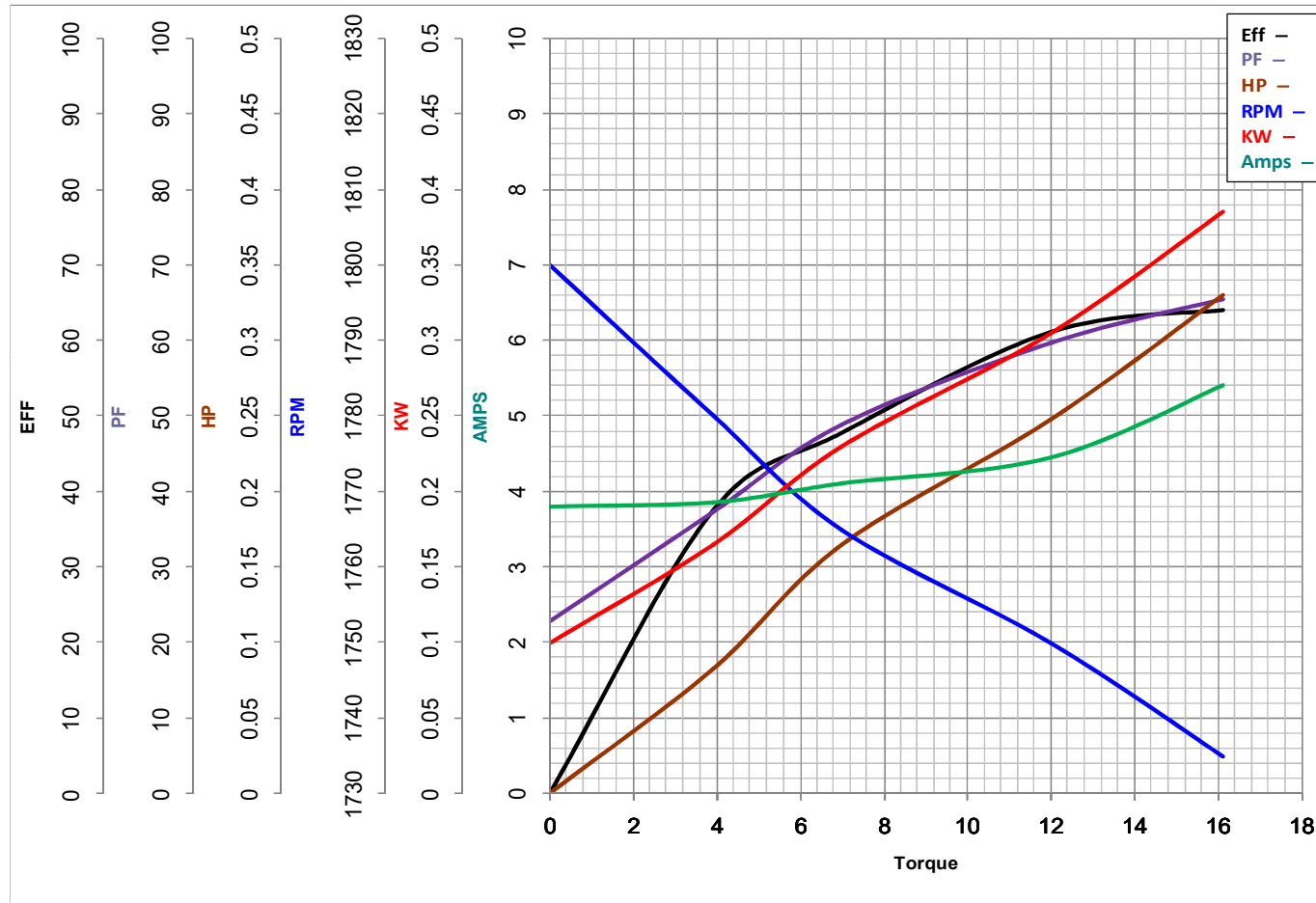
REGAL REXNORD CORPORATION

TYPICAL PERFORMANCE CURVE for AC MOTOR

Customer

Curve at

115
60
0.33

Volts
HZ
HP
HP 0.34&0.13PHASE 1Model No 48S17T365VOLTS 115&115Catalog No X911HZ 60&60RPM 1725&1150

Torque in OZ FT

FL TORQUE 16.1 OZ FTBD TORQUE 37.1 OZ FTLR TORQUE 20.5 OZ FTFL AMPS 5.3PU TORQUE 19.2LR AMPS 36.4

OZ FT

WINDING SE48(4-6)7-1

Date 1/2/2019

REV 1 - CHANGED LOGO FROM MARATHON TO LEESON - 3/25/2025