

PRODUCT INFORMATION PACKET



Model No: 056B17DRR70022A1
Catalog No: C186A
1 1/2,1725,DP,56H,1,60,115/208-230
Open Drip Proof (ODP)



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Nameplate Specifications

Output HP	1.50 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	12.6/6.4-6.3 A	Speed	1725 rpm
Service Factor	1.15	Phase	1
Efficiency	83.8 %	Duty	Continuous
Insulation Class	B	Design Code	L
KVA Code	J	Frame	56H
Enclosure	Drip Proof	Overload Protector	Automatic
Ambient Temperature	40 °C	Drive End Bearing Size	6205
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

Electrical Type	Capacitor Start Capacitor Run	Starting Method	Across The Line
Poles	4	Rotation	Selective Counterclockwise
Mounting	Rigid base	Motor Orientation	Horizontal
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	NEMA 56
Overall Length	13.99 in	Shaft Diameter	0.625 in
Shaft Extension	1.88 in	Assembly/Box Mounting	F1 Only
Outline Drawing	OL56100226-001	Connection Diagram	CDBD101

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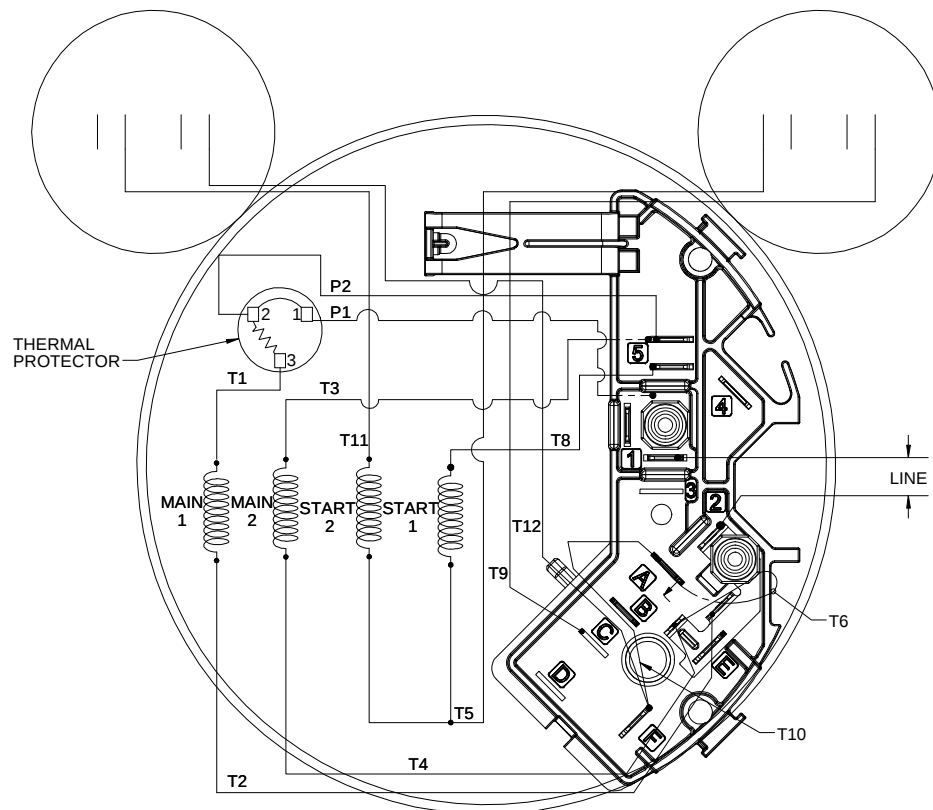
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B

B



CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE WITH PROTECTOR

NOTES:

1. FOR HI VOLTAGE REMOVE P2 FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE T2 FROM TERMINAL #2 AND PLACE ON TERMINAL #5
2. TO REVERSE ROTATION, INTERCHANGE T8 & T10.
3. SWITCH REF. 10003283-001-001
4. CONN DIAGRAM-NAMEPLATE DD10025

4

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DRAWING REVISION B	REVISION BY J.CORTEZ	DATE 07-24-2017
ECO ECO-0127749	APPROVED BY C.ARREOLA	DATE 07-24-2017
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TOLERANCES UNLESS
OTHERWISE SPECIFIED:

DEC.	INCH	mm	ANGLE
.X	±0.1	[±2.5]	±0.5°
.XX	±0.01	[±0.25]	
.XXX	±0.005	[±0.127]	
.XXXX	±0.0005	[±0.0127]	
REMOVE BURRS & BREAK SHARP			
EDGES: .003/.015 [0.076/.381]			
CORNER FILLETS: .02 [51]			
MACHINED SURFACES: $\frac{125}{\text{INCH}}$ $\frac{3.2}{\text{mm}}$			
mm SHOWN IN [BRACKETS]			

DRAWN BY
G. RODRIGUEZ

DATE

10-10-2016

APPROVED BY

R. VALENZUELA

DATE

10-10-2016

REFERENCE

CDBC102

THIRD ANGLE

PROJECTION

Regal Beloit America, Inc.

 DESCRIPTION
CONN DIAGRAM-EXTERNAL

MATERIAL

PROCESS/FINISH

SIZE

DRAWING NUMBER

CDBC101

SHEET

1 OF 1

CERTIFICATION DATA SHEET

Model#: 56B17DRR70022A1 A **WINDING#:** NB56473 NONE 3
CONN. DIAGRAM: CDBD101 **ASSEMBLY:** F1 ONLY
OUTLINE: OL56100226-001

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1 1/2	1.12	1800	1725	56H	DP	J	L

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/230	12.6/6.4-6.3	ACROSS THE LINE	CONTINUOUS	B3	1.15	40	3300

FULL LOAD EFF: 83.8	3/4 LOAD EFF: 82.5	1/2 LOAD EFF: 79.3	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 96	3/4 LOAD PF: 96.6	1/2 LOAD PF: 92.1	75.5	CAP START CAP RUN	3.4 / 1.7

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
4.5 LB-FT	89 / 44.5	10.11 LB-FT 336.87	8.72 LB-FT 290.79	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
0 dBA	10 dBA	0 LB-FT^2	0 LB-FT^2	0 SEC.	0	0 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	STANDARD 56	NONE	NONE	AISI 1215 (MS1000)	ROLLED STEEL
6205	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	AUTOMATIC	NONE	NONE	NONE	FALSE	NONE VOLTS

If Inverter equals NONE, contact factory for further information

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

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