

# PRODUCT INFORMATION PACKET

Model No: 056B17DRR70019A1  
Catalog No: EG277A  
1,1725,DP,56,1,60-50,100-120/200-240  
Open Drip Proof (ODP)



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### Nameplate Specifications

Output HP	<b>1 Hp</b>	Output KW	<b>0.75 kW</b>
Frequency	<b>60 Hz</b>	Voltage	<b>120/240 V</b>
Current	<b>7.6/3.8 A</b>	Speed	<b>1725 rpm</b>
Service Factor	<b>1.15</b>	Phase	<b>1</b>
Efficiency	<b>82.6 %</b>	Duty	<b>CONTINUOUS</b>
Insulation Class	<b>B</b>	Design Code	<b>N</b>
KVA Code	<b>L</b>	Frame	<b>56C</b>
Enclosure	<b>DP</b>	Overload Protector	<b>MANUAL</b>
Ambient Temperature	<b>40 °C</b>	Drive End Bearing Size	<b>6203</b>
Opp Drive End Bearing Size	<b>6203</b>	UL	<b>Recognized</b>
CSA	<b>Y</b>	CE	<b>Y</b>
IP Code	<b>22</b>		

### Technical Specifications

Electrical Type	<b>CAP START CAP RUN</b>	Starting Method	<b>ACROSS THE LINE</b>
Poles	<b>4</b>	Rotation	<b>SELECTIVE CCW</b>
Mounting	<b>RIGID</b>	Motor Orientation	<b>HORIZONTAL</b>
Drive End Bearing	<b>BALL</b>	Opp Drive End Bearing	<b>BALL</b>
Frame Material	<b>ROLLED STEEL</b>	Shaft Type	<b>STANDARD 56</b>
Overall Length	<b>12.31 in</b>	Shaft Diameter	<b>0.63 in</b>
Shaft Extension	<b>1.94 in</b>	Assembly/Box Mounting	<b>F1 ONLY</b>
Outline Drawing	<b>OL56100227-001</b>	Connection Diagram	<b>CDBD101</b>

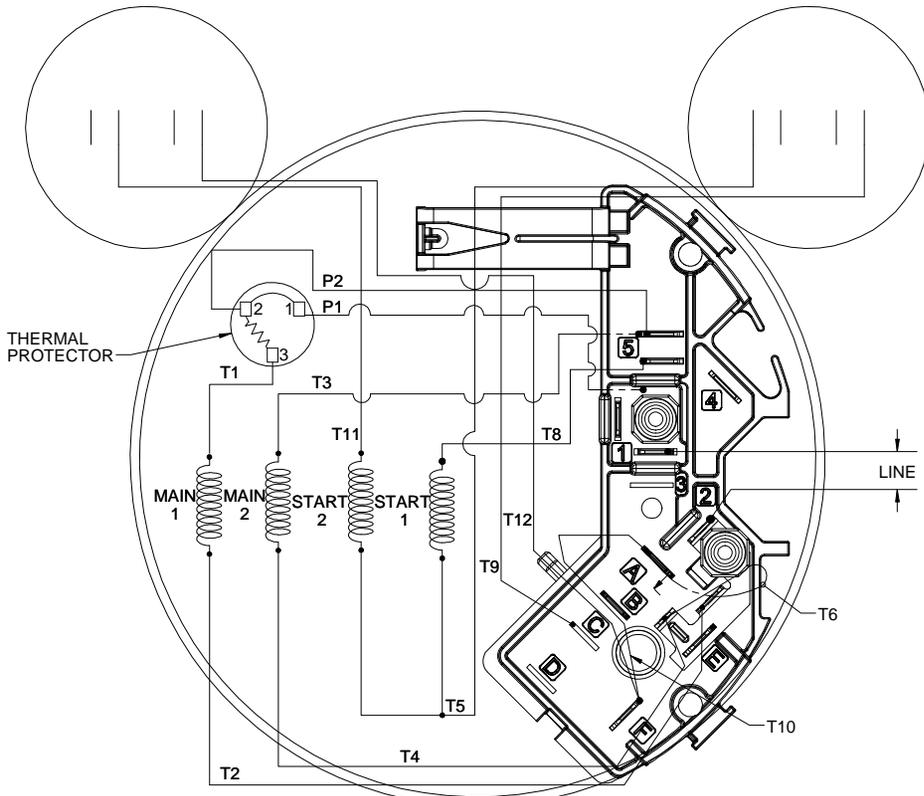
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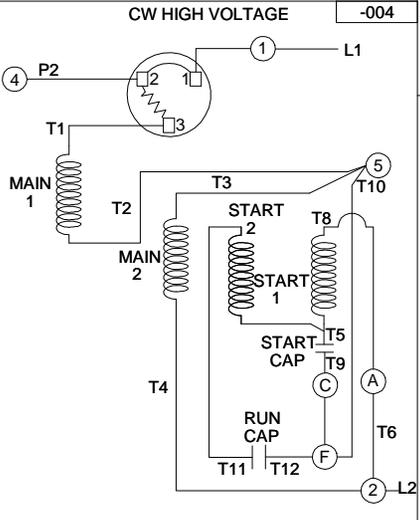
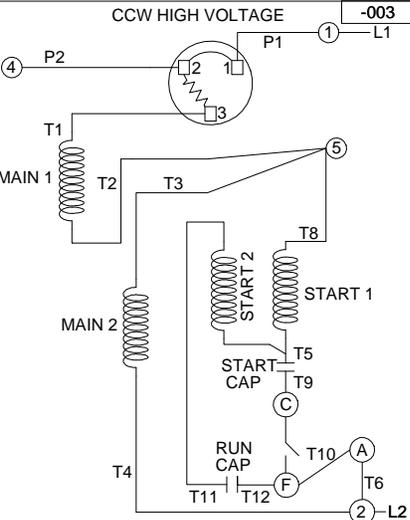
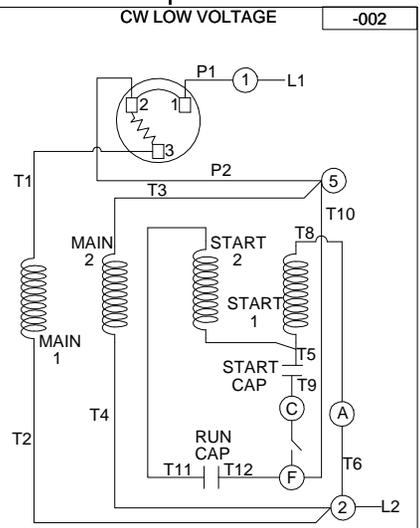
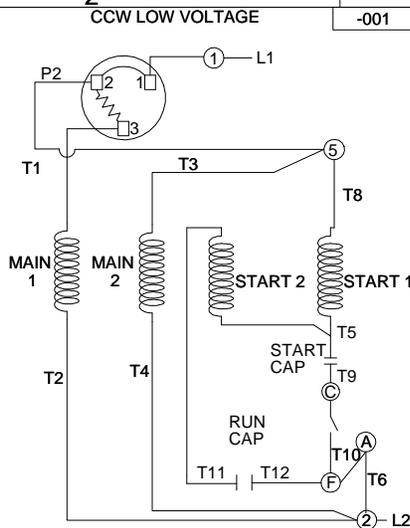
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CCW/CW ROTATION-CAP START AND CAP RUN DUAL VOLTAGE WITH PROTECTOR



NOTES:

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

DRAWING REVISION B	REVISION BY J.CORTEZ	DATE 07-24-2017
ECO ECO-0127749	APPROVED BY C.ARREOLA	DATE 07-24-2017
ECO DESCRIPTION UPDATED DWG TO CHANGE MOTOR ROTATION.		
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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 [0.076/3.81]			
CORNER FILLETS: .02 [51]			
MACHINED SURFACES: 125/3.2			
mm SHOWN IN [BRACKETS]			

DRAWN BY G. RODRIGUEZ	DATE 10-10-2016
APPROVED BY R. VALENZUELA	DATE 10-10-2016
REFERENCE CDCD102	THIRD ANGLE PROJECTION

Regal Beloit America, Inc.	
DESCRIPTION CONN DIAGRAM-EXTERNAL	
MATERIAL	PROCESS/FINISH
SIZE B	DRAWING NUMBER CDBD101
	SHEET 1 OF 1

**CERTIFICATION DATA SHEET**

**Model#:** 56B17DRR70019A1 A      **WINDING#:** NB56475 NONE 3  
**CONN. DIAGRAM:** CDBD101      **ASSEMBLY:** F1 ONLY  
**OUTLINE:** OL56100227-001

**TYPICAL MOTOR PERFORMANCE DATA**

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1&1	0.75&0.75	1800	1725&1425	56C	DP	L	N

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60/50	100-120/200-240#100-120/200-240	7.6/3.8&10.2-10/5.1-5	ACROSS THE LINE	CONTINUOUS	B3	1.15/1.15	40	3300

FULL LOAD EFF:	3/4 LOAD EFF:	1/2 LOAD EFF:	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
82.6&81.5	83.7	81.1			
FULL LOAD PF:	3/4 LOAD PF:	1/2 LOAD PF:			
96&77.6	95.3	91	75.5	CAP START CAP RUN	2.1 / 1.1

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
3 LB-FT	68.4 / 34.2	8.94 LB-FT 298.13	7.99 LB-FT 266.25	-

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
C-FACE	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
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	MANUAL	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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