PRODUCT INFORMATION PACKET

Modal No: 056C17D2073
Catalog No: B318
3/4,1725,DP,56,1/60/115/208-230
Open Drip Proof (ODP)

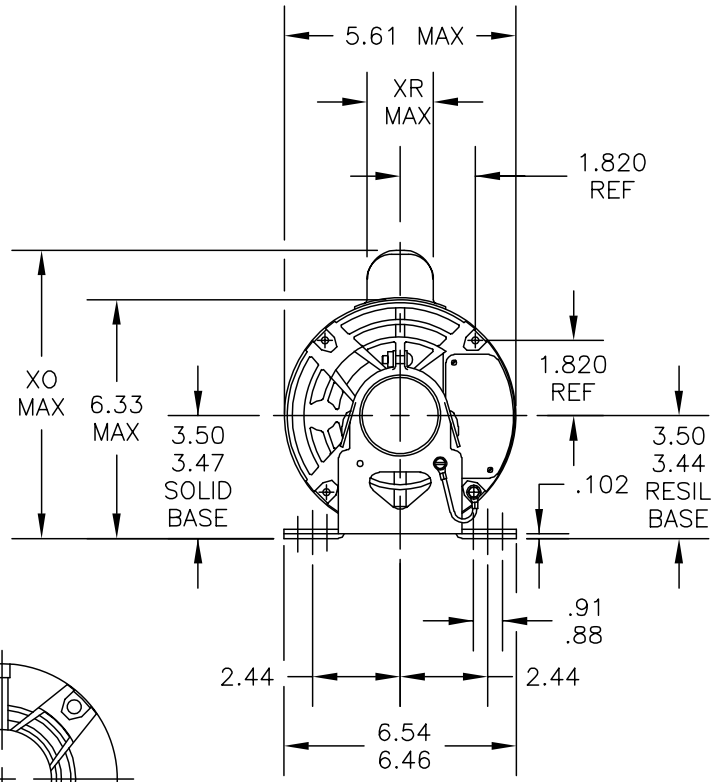
Nameplate Specifications

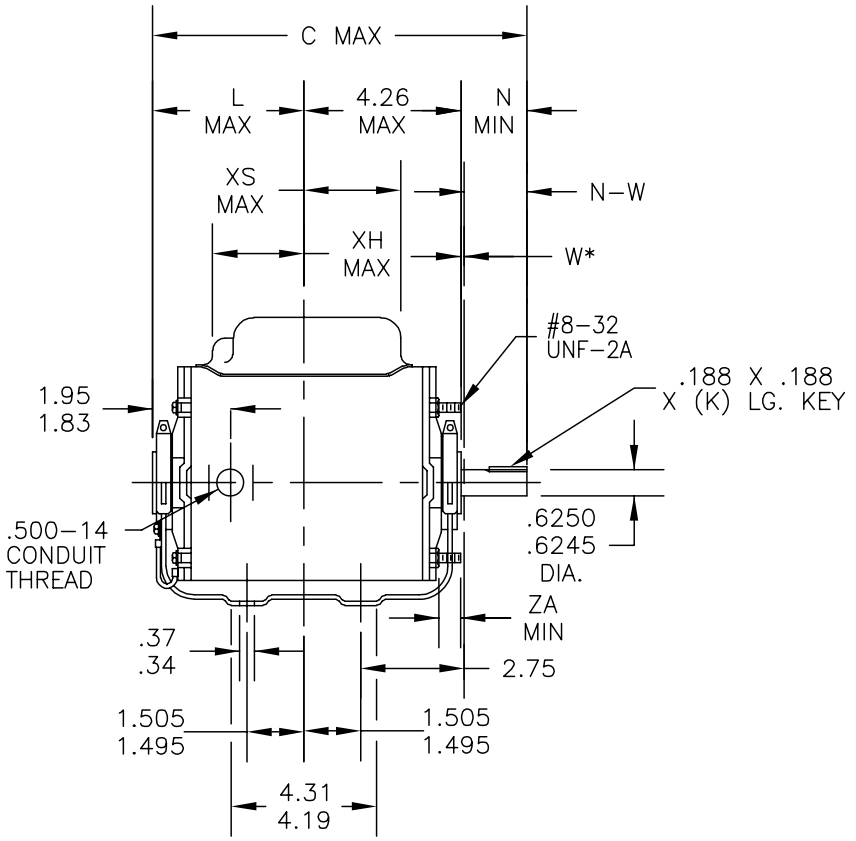
Output HP	**0.75 Hp**	Output KW	**0.56 kW**
Frequency	**60 Hz**	Voltage	**115/208-230 V**
Current	**10.0/5.2-5.0 A**	Speed	**1725 rpm**
Service Factor	**1.25**	Phases	**1**
Efficiency	**70.1 %**	Duty	**CONTINUOUS**
Insulation Class	**B**	Design Code	**NO DESIGN CODE**
KVA Code	**J**	Frame	**56**
Enclosure	**DP**	Overload Protector	**NOT**
Ambient Temperature	**40 °C**	Drive End Bearing Size	**6203**
Opp Drive End Bearing Size	**6203**	UL	**Recognized**
CSA	**Y**	CE	**N**
IP Code	**22**		

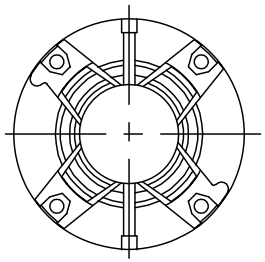
Technical Specifications

Electrical Type	**CAP START IND RUN**	Starting Method	**ACROSS THE LINE**
Poles	**4**	Rotation	**SELECTIVE CCW**
Mounting	**RESILIENT BASE-EXTENDED STUDS**	Motor Orientation	**HORIZONTAL**
Drive End Bearing	**BALL**	Opp Drive End Bearing	**BALL**
Frame Material	**ROLLED STEEL**	Shaft Type	**T**
Overall Length	**10.72 in**	Shaft Diameter	**0.63 in**
Shaft Extension	**1.88 in**	Assembly/Box Mounting	**F1 ONLY**

52A111270







VIEW SHOWING PE VENTILATION OPENINGS

*W IS A CLEARANCE DUE TO VARIATION IN PARTS & ASSEMBLY.

PT	TYPE	RBC SIZE	NEMA FR	C	K	L	N	N–W	XH	XO	XR	XS	ZA	MIN. SHELL
2	KC	37	56	10.72	1.38	4.63	1.88	2.01/1.79	3.07	7.85	1.60	2.70	.69	6.62
1	KC	36	56	10.32	1.38	4.23	1.88	2.01/1.79	3.10	8.20	2.10	2.64	.72	6.22

NO.	REVISION	BY & DATE	CHK
F	ECS DIMENSIONS ADDED PER ECO–0059212	PVN 9/5/14	DS
5	REDRAWN IN DRAFT SIGHT – NO CHANGES	UD 11/06/12	PKG
4	CHANGED 'ZA' DIMENSION PER IS12–5156	UD 11/06/12	DS
3	CHG TO RBC FORMAT PER IS05–1777	PKG 04/28/06	
2	CHG CLAMP BOLT TO #8–32 PER IS05–0952	RK 04/15/05	
1	ADDED P2	DS 12/21/04	

TOLERANCES UNLESS SPECIFIED	
DEC.	INCHES
.X	±0.1
.XX	±0.02
.XXX	±0.005
.XXXX	±0.0005
ANG	±1.0

REGAL BELOIT CORPORATION

TITLE: OUTLINE
DRIP PROOF–SOLID OR RESIL BASE–BALL

MAT'L.
FINISH
CAD FILE 52A111270
RFP
DIST

DRAWN	DR 12/16/04
CHK	
APPD	DR 12/16/04
SCALE	1=1
REF	
FMF	
PREV	

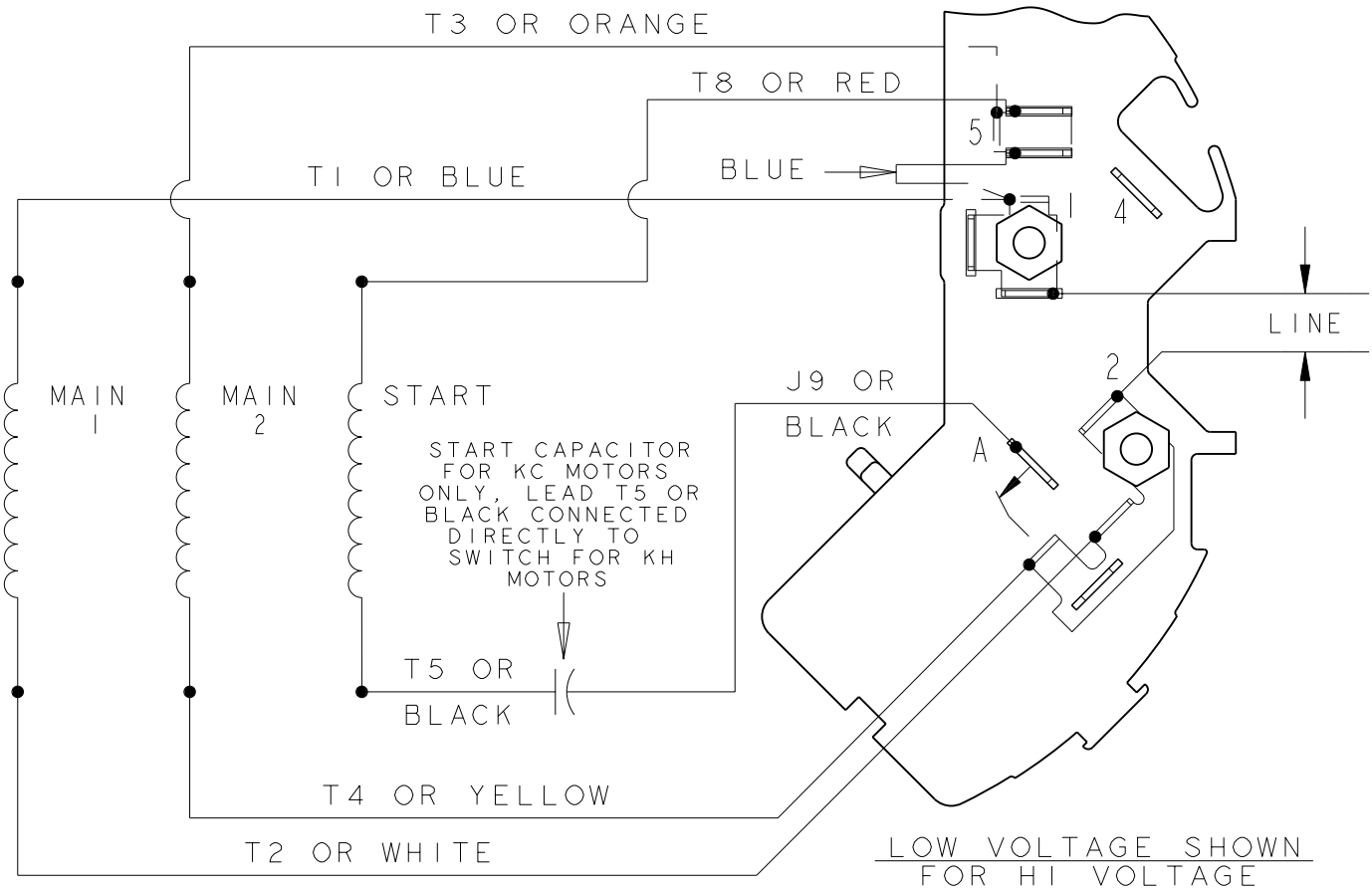
SIZE A | DRAWING NO. 52A111270 | REV. F

THIRD ANGLE PROJECTION

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
2	UPDATED FORMAT	01/04/06	MAM

SHEET 1 | REV 2 | SIZE | DRAWING NO. 52A105381AA

EITHER ROTATION - DUAL VOLTAGE
TYPE KC OR KH



LOW VOLTAGE SHOWN
FOR HI VOLTAGE
SEE NOTE #1

NOTE #1 - FOR HI VOLTAGE REMOVE BLUE FROM TERMINAL #5 AND PLACE ON TERMINAL #4, REMOVE WHITE (T2) FROM TERMINAL #2 AND PLACE ON TERMINAL #5.

NOTE #2 - TO REVERSE ROTATION INTERCHANGE RED (T8) AND BLACK (J9-KC OR T5-KH) LEADS.

NOTE #3 - WHEN MORE THAN ONE CAPACITOR IS USED CONNECT IN PARALLEL.

SWITCH (C) - 115D958AB

REF. DIAG. - 121A852

CONNECTION LABEL - 52X332050

SIGNATURES		DATE
MODEL	M.D.PAPE	06/29/87
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	M.D.P.	06/29/87

FOR ADDITIONAL INFO REFER TO:
APPLIED PRACTICES .
DIMENSIONS ARE IN INCHES
MATERIAL .

SOLID MODEL: 52A105381AA

REGAL BELOIT — REGAL-BELOIT CORPORATION

TITLE **CONNECTION DIAGRAM**

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FMF: 30 FRAME SWITCH REDESIGN

SIZE	DRAWING	REV
A	52A105381AA	2

SCALE: 1.000 | REF. No: . | SHEET 1 of 1

CERTIFICATION DATA SHEET

Model#:	56C17D2073 N	**WINDING#:**	52X332050P1 NONE 0
CONN. DIAGRAM:	52A105381AA	**ASSEMBLY:**	F1 ONLY
OUTLINE:	52A111270P2		

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
3/4	.56	1800	1725	56	DP	J	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	10.0/5.2-5.0	ACROSS THE LINE	CONTINUOUS	B3	1.25	40	3300

FULL LOAD EFF: 70.1	3/4 LOAD EFF: 68	1/2 LOAD EFF: 64	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 69.6	3/4 LOAD PF: 61	1/2 LOAD PF: 49	70	CAP START IND RUN	6.4 / 3.2

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
36.5 LB-FT	44.2 / 22.1	49.4 LB-FT 135	79 LB-FT 216	-

SOUND PRESSURE @ 3 FT.	SOUND POWER	ROTOR WK^2	MAX. WK^2	SAFE STALL TIME	STARTS /HOUR	APPROX. MOTOR WGT
- dBA	- dBA	0 LB-FT^2	- LB-FT^2	10 SEC.	-	22 LBS.

*** SUPPLEMENTAL INFORMATION ***

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

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	PG-44A	T	NONE	NONE	1144 STRESSPROOF (C-223)	ROLLED STEEL
6203	6203						

THERMO-PROTECTORS				THERMISTORS	CONTROL	SPACE /n HEATERS
THERMOSTATS	PROTECTORS	WDG RTDs	BRG RTDs			
NONE	NOT	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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FORM 3531 REV.3 02/07/99

** Subject to change without notice.