

PRODUCT INFORMATION PACKET

Model No: 056C34D2121
Catalog No: J057
1,3450,DP,56J,1/60/115/208-230
Single Phase



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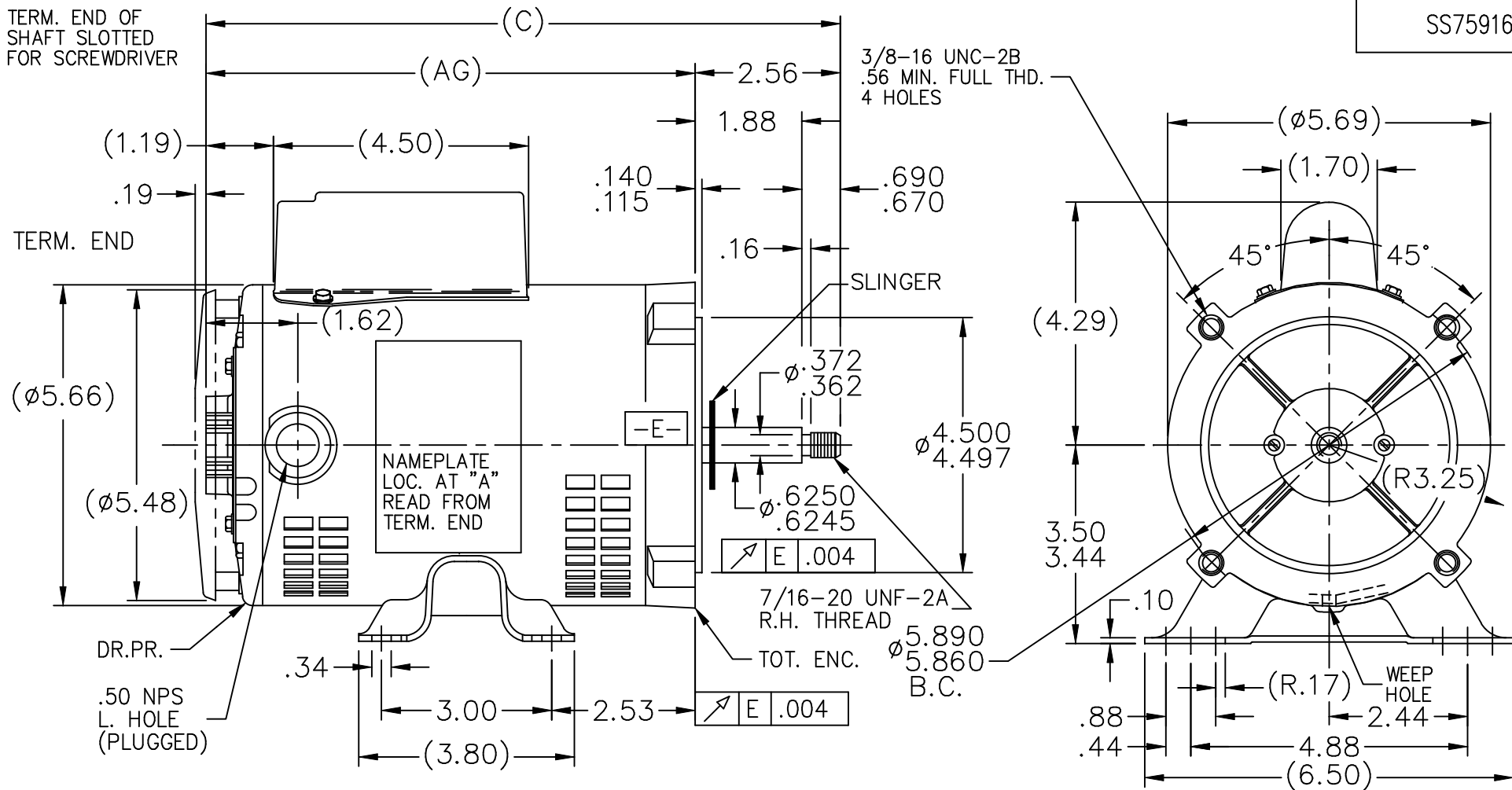
Nameplate Specifications

Output HP	1 Hp	Output KW	0.75 kW
Frequency	60 Hz	Voltage	115/208-230 V
Current	12.0/6.2-6.0 A	Speed	3450 rpm
Service Factor	1.4	Phase	1
Efficiency	72 %	Duty	Continuous
Insulation Class	B	Design Code	NO DESIGN CODE
KVA Code	K	Frame	56J
Enclosure	Drip Proof	Overload Protector	Automatic
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Y	CE	Y
IP Code	22		

Technical Specifications

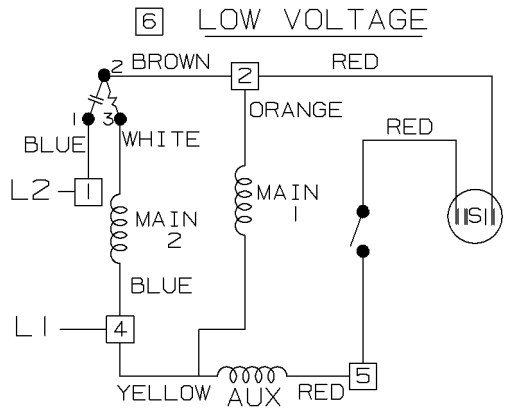
Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Fixed Clockwise
Mounting	Rigid base	Motor Orientation	Horizontal Or Shaft Down
Drive End Bearing	Ball	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Shaft Type	T
Overall Length	12.44 in	Frame Length	8.00 in
Shaft Diameter	0.625 in	Shaft Extension	2.56 in
Assembly/Box Mounting	F1 Only		
Outline Drawing	A-SS75916-800	Connection Diagram	A-EE9002V

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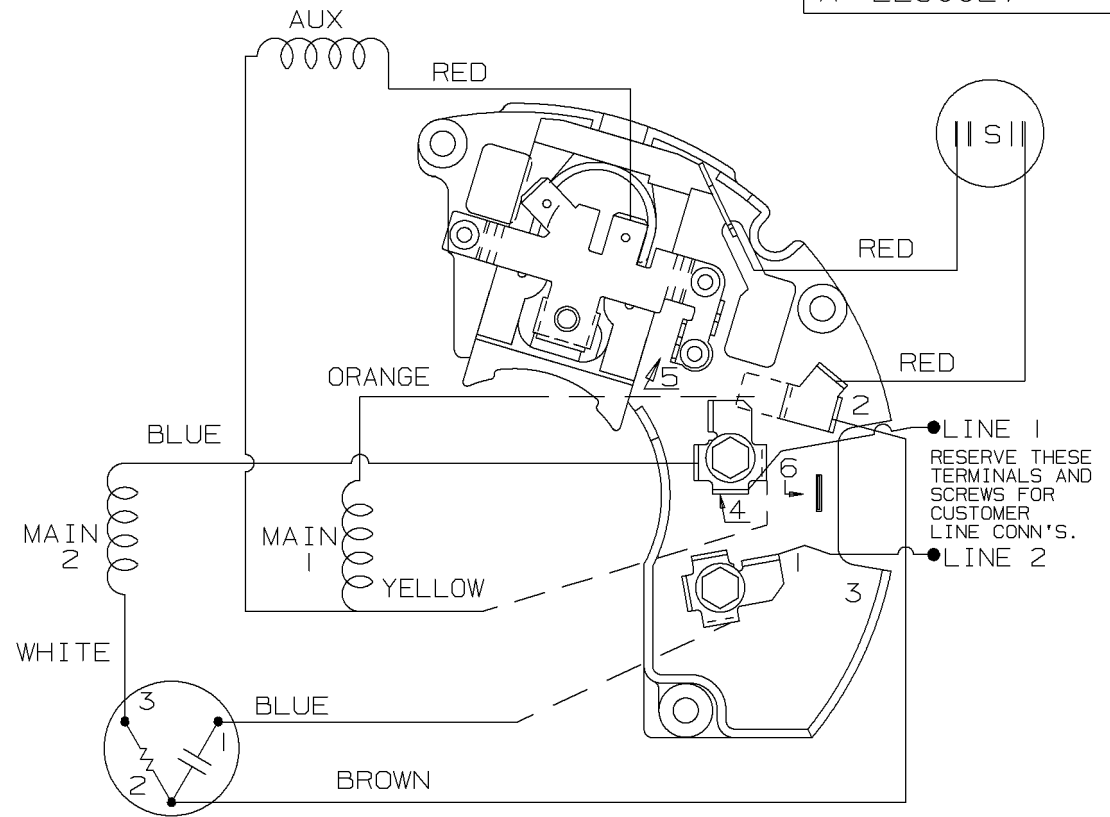
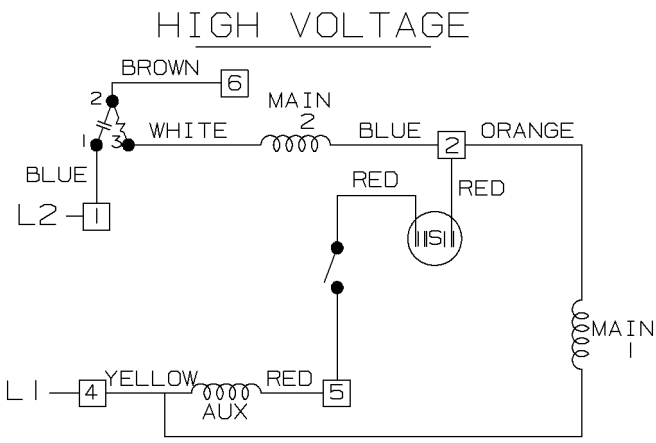


DASH	C	AG	DASH	C	AG	DASH	C	AG
625	10.69	8.12	700	11.44	8.88	775	12.19	9.62
650	10.94	8.38	725	11.69	9.12	800	12.44	9.87
675	11.19	8.62	750	11.94	9.38			

			TOLERANCES UNLESS SPECIFIED		MARATHON ELECTRIC	DRAWN DD 7/1/1993		
			DEC.	INCHES		CHK	MOL 7/2/1993	
4	UPDATED DRAWING		TJW	05/11/2007	.X	±.1	APPD	GK 7/2/1993
3	ADDED NEW FRONT BRACKET	CN20124	RJM	4/4/1995	.XX	±.03	SCALE	3=8
2	PHANTOM DRIPCOVER - ADDED SLINGER	CN16315	KL	9/28/1993	.XXX	±.005	REF	
1	NEW DRAWING	4041657	DD	7/12/1993	.XXXX	±.0005	FMF	
NO.	REVISION		BY & DATE		CHK	ANG	±7'30"	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 SS75916		
					DIST	WP	SIZE	A
					DRAWING NO. PAGE 1 OF 1			REV.
					SS75916			4



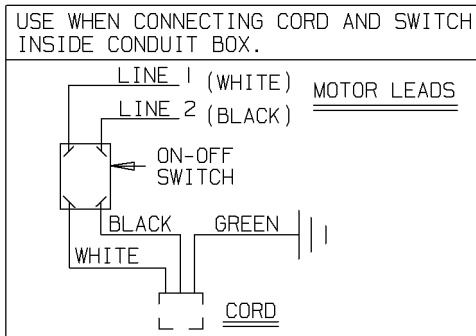
DUAL VOLTAGE
CAP. START NOT REVERSIBLE
WITH OVERLOAD PROTECTION.



VIEWING TERM END

LOW VOLTAGE CW ROTATION SHOWN.
FOR HIGH VOLTAGE
CONNECT BROWN TERM 2 TO TERM 6.
CONNECT BLUE TERM 4 TO TERM 2.

DASH LINES INDICATE LEADS CONNECTED TO MOTOR SIDE OF SWITCH.



3	01-28-1991	REVISED LINE 2 LOCATION	RM	✓ MAX. SURFACE ROUGHNESS UNLESS NOTED OTHERWISE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± XXX±.005 XXXX±.0005 ANGLES±
2	01-04-1991	ADDED CORD - SWITCH CONNECTION	SMC	MATL SPEC	DRAWN BY SMC 12-11-1990
1	112-11-1990	NEW DRAWING	SMC	FINISH	CHKD BY ML 12-11-1990
REV	DATE	CHANGE	NAME	REFERENCE DRW.	APPD BY GK 12-11-1990
			PART NAME CONNECTION DIAGRAM 48 FR. DUAL VOLTAGE NOT REVERSIBLE		DRWG NO A-EE9002V



```
ERROR: syntaxerror  
OFFENDING COMMAND: --nostringval--
```

```
STACK:
```

```
 /im  
-savelevel-
```

CERTIFICATION DATA SHEET

Model#: 56C34D2121 F WINDING#: CE482193 NONE 3
 CONN. DIAGRAM: A-EE9002V ASSEMBLY: F1 ONLY
 OUTLINE: A-SS75916-800

TYPICAL MOTOR PERFORMANCE DATA

HP	KW	SYNC. RPM	F.L. RPM	FRAME	ENCLOSURE	KVA CODE	DESIGN
1	.75	3600	3450	56J	DP	K	NO DESIGN CODE

PH	Hz	VOLTS	FL AMPS	START TYPE	DUTY	INSL	S.F	AMB°C	ELEVATION
1	60	115/208-230	12/6.2-6	ACROSS THE LINE	CONTINUOUS	B3	1.4	40	3300

FULL LOAD EFF: 72	3/4 LOAD EFF: 0	1/2 LOAD EFF: 0	GTD. EFF	ELEC. TYPE	NO LOAD AMPS
FULL LOAD PF: 76	3/4 LOAD PF: 0	1/2 LOAD PF: 0	0	CAP START IND RUN	7.6 / 3.8

F.L. TORQUE	LOCKED ROTOR AMPS	L.R. TORQUE	B.D. TORQUE	F.L. RISE°C
23.8 LB-FT	74.4 / 37.2	40.5 LB-FT -	65.9 LB-FT -	60

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	10 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 OR SHAFT DOWN	FALSE	NONE	TRUE	NONE	GRAY (POWDER)

BEARINGS		GREASE	SHAFT TYPE	SPECIAL DE	SPECIAL ODE	SHAFT MATERIAL	FRAME MATERIAL
DE	OPE						
BALL	BALL	POLYREX EM	T	NONE	NONE	416 STAINLESS (C-503)	ROLLED STEEL
6203	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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