



A Regal Brand

Northern Tool

Catalog # : 102891.00

Model: A4S17DR60E

Product Type: AC MOTOR

Stock: Non Stock

Description: .50HP..1725RPM.48.DP./V.1PH.60HZ.CONT.AUTOMATIC.40C.1.25SF.RESILIENT BASE..A4S17DR60E

Quote: Price:

Date: 05/05/2014



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Product Type: AC MOTOR

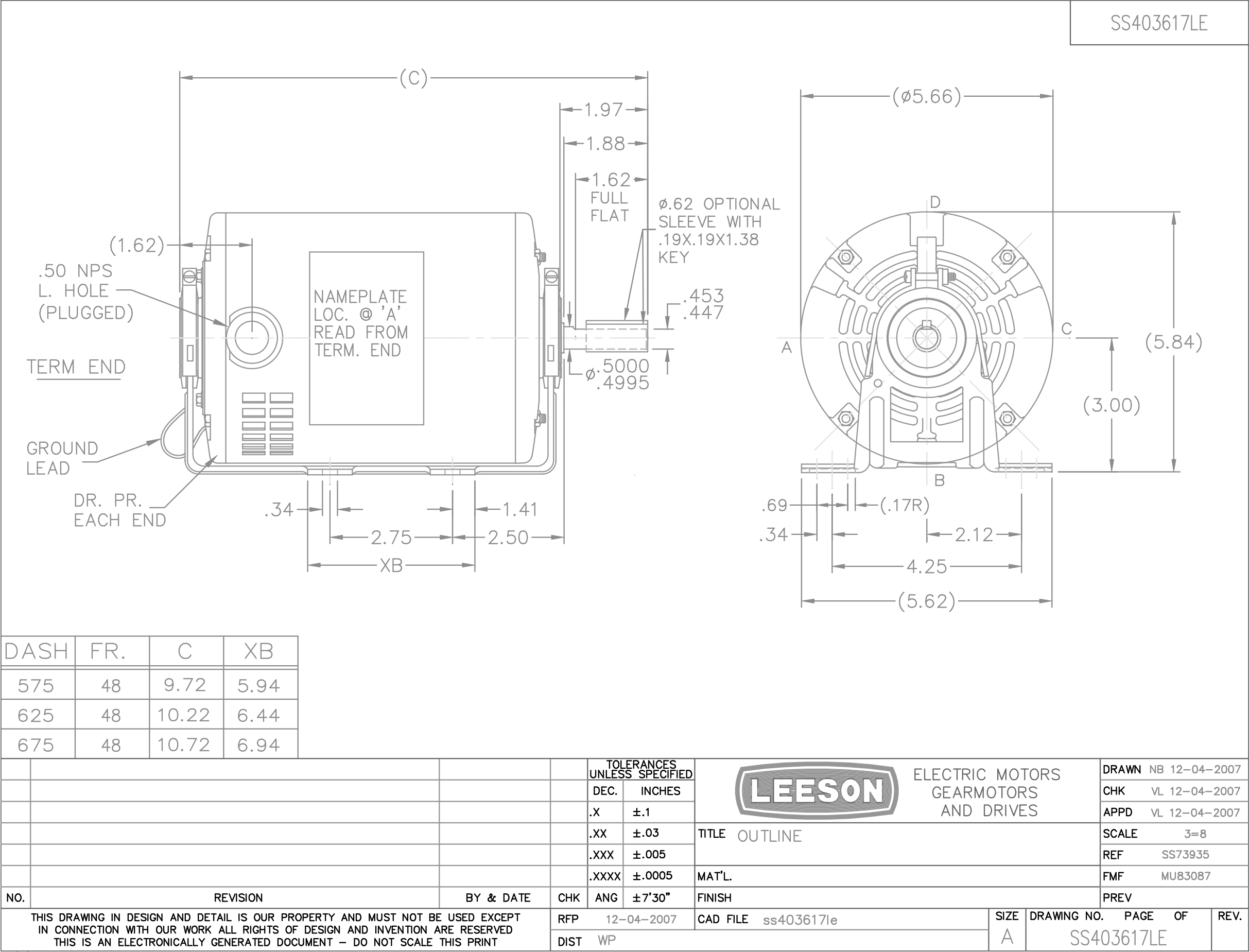
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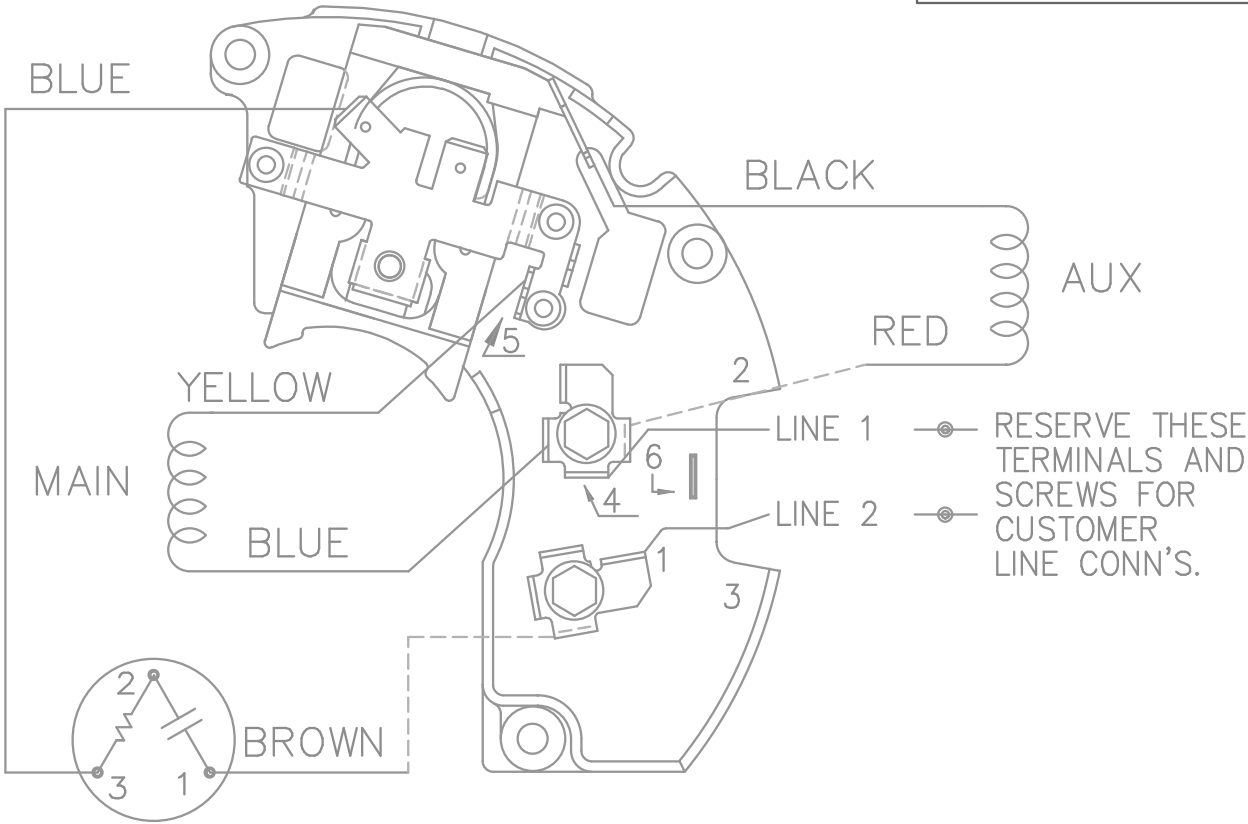
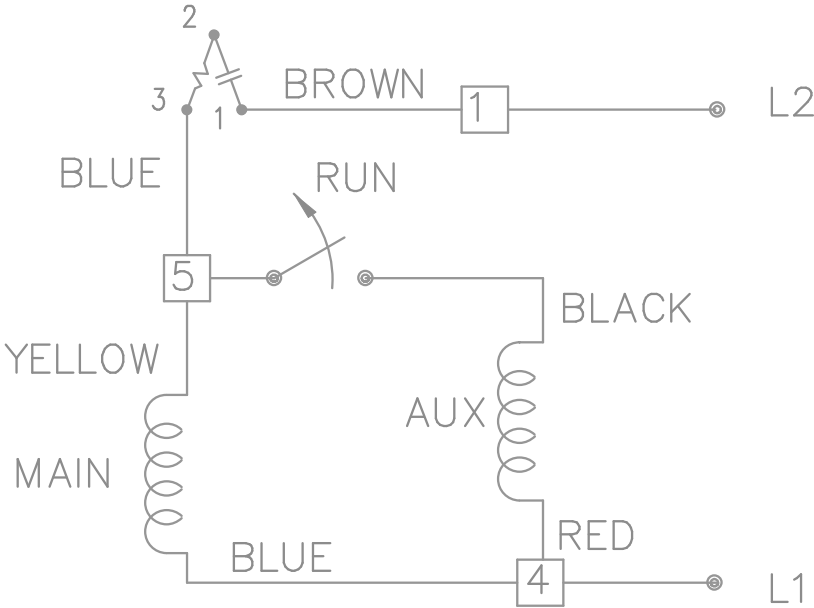
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Engineering Data					
Volts	115	Volts		Volts	
F.L. Amps	7.2	F.L. Amps		F.L. Amps	
S. F Amps	8.4	S. F Amps		S. F Amps	
RPM	1800	Hertz	60		
HP	1/2	Duty	CONTINUOUS	TYPE	SD
KW	.37				
Frame	48Z	Serv. Factor	1.25	Phase	1
Max Amb	40	Design	NO DESIGN CODE	Code	L
Insul Class	B	Protection	AUTOMATIC	Therm.Prot.	
Eff 100%	66	Eff 75%		PF	71.5
UL	Y-(LEESON UL REC)	CSA	Yes	Bearing OPE	
CC Number	EXEMPT	CE	No	Bearing PE	
Load Type		Inverter Type		Speed Range	NONE
Motor Wt.	12 LB	Enclosure	DP	Lubrication	STANDARD
Nameplate		Mounting	RESILIENT BASE	Rotation	SELECTIVE CCW
Assembly		Shaft Dia.	1/2 IN	Ext. Diag.	A-EE7195-LE
Cust Part No		Outline	A-SS403617LE-675	Ext. Diag2	
Packaging	F	Outline Dash No		Winding	SM55497
Carton Label				GROUP :	1
Iris		Paint	LEESON BLUE	Test Card	
Form Factor		RMS Amps		Const Torque	Speed Range
Torque		Peak			
AB Code		Peak@DegC			
Resistance					
Connection					
Rework Status		Rework TYPE			

Hazardous Loc		NONE						Brake Motors	
Explosion Proof				Temp Op Code				FORCE	
Class				GROUP				VDC	
Class				GROUP				ADC	
								Brake Coil OHMs @25 C	
Performance									
Torque UOM						Inertia (WK²)			
Torque									
CURRENT (amps)									
Efficiency (%)									
PowerFactor									
Load Curve Data @60 HzVolts,1/2Horsepower									
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise	
0.0	1.89	0.078	1800	0.0	0.0	0.0	0.0	-	
0.25	2.02	0.179	1783	5.96	0.0	0.0	0.0	-	
0.5	2.29	0.285	1768	11.9	0.0	0.0	0.0	-	
0.75	2.68	0.404	1751	18.1	0.0	0.0	0.0	-	
1.0	3.6	0.533	1733	24.3	66.0	71.5	0.0	-	
1.15	4.1	0.753	1719	33.5	0.0	0.0	0.0	-	
1.25	4.2	0.686	1706	30.9	0.0	0.0	0.0	-	
1.5	4.77	0.871	1672	37.8	0.0	0.0	0.0	-	
1.75	6.7	1.23	1583	46.5	0.0	0.0	0.0	-	
									SOURCE: CALCULATED GROUP: 1
Load Curve Data @60HzVolts,1/2Horsepower									
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise	
Load Curve Data Not Available									
Quote:		Price:							
Date: 05/05/2014									



SINGLE VOLTAGE – SPLIT PHASE
REVERSIBLE ON TERM BOARD
WITH OVERLOAD PROTECTION



VIEWING TERMINAL END

C.C.W. ROTATION SHOWN.

FOR C.W. ROTATION INTERCHANGE
YELLOW & BLUE LEADS ON TERM 5 & 4.

DASH LINES INDICATE LEADS CONNECTED
TO MOTOR SIDE OF SWITCH.

				TOLERANCES UNLESS SPECIFIED		 ELECTRIC MOTORS GEARMOTORS AND DRIVES	DRAWN HLB 02-24-2004						
				DEC.	INCHES		CHK	ML	02-25-2004				
				.X	± -		APPD	JET	02-25-2004				
				.XX	± -	TITLE CONNECTION DIADRAM 48 FR. SINGLE VOLTAGE REVERSIBLE		SCALE					
				.XXX	± -			REF	MU49976				
1	CORRECTED PROTECTOR NUMBERS	RJW 02-21-2008	MG	.XXXX	± -	MAT'L.		FMF	A4S17DR59A				
NO.	REVISION	BY & DATE	CHK	ANG	± -	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	02-25-2004			CAD FILE	ee7195_le	SIZE	DRAWING NO.	PAGE	OF	REV.
			DIST	WP					A	EE7195-LE			1