



A Regal Brand

Catalog # : LM24075

Product Type: AC MOTOR

Description: 3/4,1725,TEFC,S56,3/60/208-230/460

Model: SRF4S0.75T61

Stock: Stock

Quote: Price:

Date: 10/14/2014



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Model: SRF4S0.75T61

Stock: Stock

Engineering Data					
Volts	230	Volts	460	Volts	
F.L. Amps	2.8	F.L. Amps	1.4	F.L. Amps	
S. F Amps	3	S. F Amps	1.5	S. F Amps	
RPM	1800	Hertz	60		
HP	3/4	Duty	CONTINUOUS	TYPE	TS
KW	0.56				
Frame	S56	Serv. Factor	1.15	Phase	3
Max Amb	40	Design	B	Code	L
Insul Class	B	Protection	NOT	Therm.Prot.	
Eff 100%	75.5	Eff 75%		PF	
UL	V-INS, CONST UL REC	CSA	Yes	Bearing OPE	203
CC Number		CE		Bearing PE	203
Load Type		Inverter Type		Speed Range	UNK
Motor Wt.	22 LB	Enclosure	TEFC	Lubrication	STANDARD
Nameplate		Mounting	RIGID	Rotation	REV
Assembly		Shaft Dia.		Ext. Diag.	A-EE7308-LN
Cust Part No		Outline	A-SS75174LN-625	Ext. Diag2	
Packaging	B	Outline Dash No		Winding	TE48412
Carton Label				GROUP :	3
Iris		Paint	UNK	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 Hz		Volts,3/4Horsepower						
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
0.0	0.97	0.145	1800	0.0	0.0	19.0	0.0	-
0.25	1.0	0.27	1780	0.55	51.5	34.5	0.0	-
0.5	1.1	0.42	1765	1.1	66.5	50.0	0.0	-
0.75	1.2	0.58	1748	1.7	73.0	62.0	0.0	-
1.0	1.4	0.74	1725	2.28	75.5	70.5	45.0	-
1.15	1.5	0.85	1720	2.6	76.0	75.0	55.0	-
1.25	1.6	0.91	1710	2.9	76.5	77.5	65.0	-
1.5	1.7	1.1	1687	3.5	76.5	82.0	0.0	-
1.75	1.9	1.3	1660	4.2	75.0	85.0	0.0	-
SOURCE: CALCULATED GROUP: 3								
Load Curve Data @60Hz		Volts,3/4Horsepower						
Load	Amps	KW	RPM	Torque	Eff	PF	Rise By Resis	Frame Rise
Load Curve Data Not Available								
Quote:		Price:						
Date:		10/14/2014						

Technical drawing of a motor enclosure, showing side and front views with dimensions and labels.

Side View Dimensions:

- Overall width: (C)
- NAMEPLATE LOC. .25" ABOVE C'BOX, .50-.75" FROM EDGE OF FRAME, READ FROM C'BOX SIDE OF MOTOR.
- Distance from centerline to terminal box center: (1.97)
- Terminal box width: 1.88
- Terminal box height: .19X.19X 1.38 KEY
- Terminal box mounting holes: Ø .88 KNOCKOUTS 5 PLACES
- Terminal box mounting angle: 2°
- Terminal box mounting holes: (4.44)
- Terminal box mounting holes: (3.60)
- Terminal box mounting holes: D
- Terminal box mounting holes: (6.69)
- Terminal box mounting holes: 3.50
- Terminal box mounting holes: 3.44
- Terminal box mounting holes: .10
- Terminal box mounting holes: .88
- Terminal box mounting holes: (.17 R)
- Terminal box mounting holes: 2.44
- Terminal box mounting holes: 4.88
- Terminal box mounting holes: (6.50)
- Terminal box mounting holes: .44
- Terminal box mounting holes: .6250
- Terminal box mounting holes: .6245
- Terminal box mounting holes: 3.00
- Terminal box mounting holes: (2.50)
- Terminal box mounting holes: (Ø6.31)
- Terminal box mounting holes: .34
- Terminal box mounting holes: 3.00
- Terminal box mounting holes: 2.75
- Terminal box mounting holes: (3.80)
- Terminal box mounting holes: TOT. ENCL. EACH END

Front View Dimensions:

- Overall height: (Ø5.66)
- Overall width: (6.50)
- Terminal box width: 1.88
- Terminal box height: .19X.19X 1.38 KEY
- Terminal box mounting holes: Ø .88 KNOCKOUTS 5 PLACES
- Terminal box mounting angle: 2°
- Terminal box mounting holes: (4.44)
- Terminal box mounting holes: (3.60)
- Terminal box mounting holes: D
- Terminal box mounting holes: (6.69)
- Terminal box mounting holes: 3.50
- Terminal box mounting holes: 3.44
- Terminal box mounting holes: .10
- Terminal box mounting holes: .88
- Terminal box mounting holes: (.17 R)
- Terminal box mounting holes: 2.44
- Terminal box mounting holes: 4.88
- Terminal box mounting holes: (6.50)
- Terminal box mounting holes: .44
- Terminal box mounting holes: .6250
- Terminal box mounting holes: .6245
- Terminal box mounting holes: 3.00
- Terminal box mounting holes: (2.50)
- Terminal box mounting holes: (Ø6.31)
- Terminal box mounting holes: .34
- Terminal box mounting holes: 3.00
- Terminal box mounting holes: 2.75
- Terminal box mounting holes: (3.80)
- Terminal box mounting holes: TOT. ENCL. EACH END

Labels:

- TERM. END
- TOT. ENCL. EACH END

DASH		C	DASH		C
500		9.97	625		11.22
525		10.22	650		11.47
575		10.72			

					✓ UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON XX± .03 XXX± .005 XXXX± .0005 ANGLES± 7°30"				
					MAX. SURFACE ROUGHNESS UNLESS OTHERWISE NOTED			DRAWN BY BLR	06-10-1999
					FINISH			CHKD BY	
I		NEW DRAWING	BLR		MATERIAL			APPD BY	
REV	DATE	CHANGE	NAME	PART NAME OUTLINE					DRWG NO A-SS75174LN
					PURCHASED		CADD FILE NO.	SS75174LN	

