

ENGINEERING SPECIFICATION

Part No.	801-009-suf (40-47)
Ref. Code	401
U.O.M.	EA
Engg. Ref.	CAC

Part Description : MOTOR BLOWER; 3000/3600 RPM -2POLE.

APPROVED VENDOR	: LEROY SOMER	BB2-1
STRUCTURE	: SQUIRREL CAGE, ALUMINIUM CASING	
CONSTRUCTION	: TEFC TYPE	
CONTROL BOX	: CONTROL BOX ON TOP	
DESIGN	: IEC NORM DESIGN; SINGLE SPEED, 2POLE DESIGN	
MOUNTING ARRANGEMENT	: FOOT MOUNTED (B3 DESIGN)	
PROTECTION CLASS	: DEGREE OF PROTECTION IP 55	
VOLT-PHASE-FREQUENCY	: (380/400/415-3-50), (220/380/460-3-60)	
DUTY RATING	: CONTINUOUS	
INSULATION CLASS	: "F"	
AMBIENT TEMP	: 50°C	
NOMINAL SPEED	: 3000/3600 RPM	
SUFFIX		

- A. MOTOR WITH THERMISTOR PROTECTION (PTC)
- B. EXPLOSTION PROOF DESIGN
- C. EXPLOSTION PROOF DESIGN WITH THERMISTOR PROTECTION
- D. UL LISTED MOTORS
- E. SPECIAL REQUIREMENT (SPECIFY)
- F. MOTOR WITH SPACE HEATER
- S. SPECIAL SHAFT (SPECIFY)
- O. PTO THERMISTOR PROTECTION
- I. SINGLE PHASE MOTOR
- P. SPECIAL PAINT (SPECIFY)
- H. SPECIAL INSULATION (SPECIFY)

SUF No.	REV No.	MTR. * TYPE- FRAME	SHAFT DIA.	* KW	* P. FACTOR	* S. FACTOR	* EFFICIENCY	* F.L.A	* L.R.A	INTRENAL WIRING LEAD CONNECT.
40	05	LS63M-2	11	0.25	**	**	**	**	**	**
41	05	LS71L-2	14	0.37	**	**	**	**	**	**
42	05	LS71L-2	14	0.55	**	**	**	**	**	**
43	05	LS80L-2	19	0.75	**	**	**	**	**	**
44	05	LS80L-2	19	1.10	**	**	**	**	**	**
45	05	LS90S-2	24	1.50	**	**	**	**	**	**
46	05	LS90L-2	24	2.20	**	**	**	**	**	**
47	05	LS100L-2	28	3.00	**	**	**	**	**	**

*: MOTOR NAMEPLATE TO BE MARKED WITH ALL DATA AS SHOWN IN "**"
 **: INFORMATION & DWG. TO BE PROVIDED BY VENDOR.



NOTE

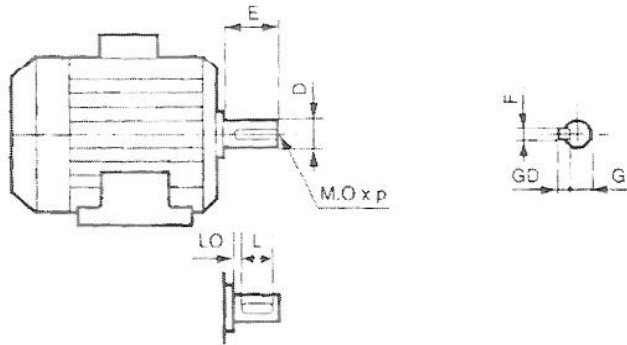
- HOOKUP DIAGRAM MUST BE INCLUDED ON NAMEPLATE OR ON SEPARATE LABEL
- EACH MOTOR SHOULD INCLUDES ONE NAME PLATE INCLUDING BOTH 50 & 60 Hz

ALL DIMENSION ARE IN INCHES				SHEET 1 of 2		SCALE : N.T.S	
Tolerance: : Unless noted (±) : fraction 1/32" ; Decimal 0.031				WRITER	AL-ALI. HUSAIN		
06	ADDED NEW SUFFIX (S,O,I,P&H)		HUSAIN	07-09-09	INITIATOR	NARENDRA	
05	FRAME MODEL UPDATED AS PER VENDOR INFO.		HUSAIN	22-06-09	CHECK	ANWAR	
04	FRAME MODEL UPDATED AS PER VENDOR INFO.		HUSAIN	22-06-09	VERIFIED	OTHMAN	
03	ADDED NEW NOTE		HUSAIN	15-04-08	APPROVAL	SAMI BANAT	
02	230VOLTAGE DELETED FROM 50Hz		HUSAIN	19-12-05	Issue Date	16-05-2004	
REV#	Revision Details		Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\801\00940-47	

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BB2-2



Main shaft extensions

Type	4, 6 and 8 poles									2 and 2 1/4 poles								
	F	GD	D	G	E	O	p	L	LO	F	GD	D	G	E	O	p	L	LO
LS 56 M	3	3	9j6	7	20	4	10	16	2	3	3	9j6	7	20	4	10	16	3
LS 63 M	4	4	11j6	8.5	23	4	10	18	3.5	4	4	11j6	8.5	23	4	10	18	3.5
LS 71 L	5	5	14j6	11	30	5	15	25	3.5	5	5	14j6	11	30	5	15	25	3.5
LS 80 L	6	6	19j6	15.5	40	6	16	30	6	6	6	19j6	15.5	40	6	16	30	6
LS 90 S/L/LU/SL	8	7	24j6	20	50	8	19	40	6	8	7	24j6	20	50	8	19	40	6
LS 100 L	8	7	28j6	24	60	10	22	50	6	8	7	28j6	24	60	10	22	50	6
LS 112 M/MG/MU	8	7	28j6	24	60	10	22	50	6	8	7	28j6	24	60	10	22	50	6
LS 132 S/W/SW	10	8	38k6	33	80	12	28	63	10	10	8	38k6	33	80	12	28	63	10
LS 160 M/L/LU/MP/LR	12	8	42k6	37	110	16	36	100	6	12	8	42k6	37	110	16	36	100	6
LS 180 MT/LR/L/LU	14	9	48k6	42.5	110	16	36	95	12	14	9	48k6	42.5	110	16	36	96	12
LS 200 LT/L/LU	16	10	55m6	49	110	20	42	97	13	16	10	55m6	49	110	20	42	97	13
LS 225 ST/MT/MR/SR/MG	18	11	60m6	53	140	20	42	126	14	16	10	55m6	49	110	20	42	97	13
LS 250 MZ/ME/MF	18	11	65m6	58	140	20	42	126	14	18	11	60m6	53	140	20	42	126	14
LS 280 SC/SD/MC/MD	20	12	75m6	67.5	140	20	42	125	15	18	11	65m6	58	140	20	42	126	14
LS 200 OK/MK	20	12	75m6	67.5	140	20	42	125	15	18	11	65m6	58	140	20	42	126	14
LS 315 SP/MP/MR	22	14	80m6	71	170	20	42	155	15	18	11	65m6	58	140	20	42	126	14

QUALIFIED
 SA
 12/9/09
 DATE

ALL DIMENSION ARE IN INCHES				SHEET 2 of 2		SCALE : N.T.S	
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