



ENGINEERING SPECIFICATION

Part No.	801-009-suf (24-36)
Ref. Code	401
U.O.M.	EA
Engg. Ref.	AD

Part Description : MOTOR BLOWER; 1500/1800 RPM -4 POLE.

APPROVED VENDOR : LEROY SOMER

STRUCTURE : SQUIRREL CAGE, ALUMINIUM CASING

CONSTRUCTION : TEFC TYPE

CONTROL BOX : CONTROL BOX ON TOP

DESIGN : IEC NORM DESIGN; SINGLE SPEED, 4POLE DESIGN

MOUNTING ARRANGEMENT : FOOT MOUNTED (B3 DESIGN)

PROTECTION CLASS : DEGREE OF PROTECTION IP 55

VOLT-PHASE-FREQUENCY : (380/400/415-3-50), (380/400/460/660-3-60)

DUTY RATING : CONTINUOUS

INSULATION CLASS : "F"

AMBIENT TEMP : 50°C

NOMINAL SPEED : 1500/1800 RPM

SUFFIX

DD2-1

- A. MOTOR WITH THERMISTOR PROTECTION (PTC)
- B. EXPLOSTION PROOF DESIGN
- C. EXPLOSTION PROOF DESIGN WITH THERMISTOR PROTECTION
- D. UL LISTED MOTORS
- E. SPECAL REQUIREMENT (SPECIFY)
- F. MOTOR WITH SPACE HEATER
- S. SPECIAL SHAFT (SPECIFY)
- O. PTO THERMSTOR 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.
24	06	LS112M-4	28	4.00	**	**	**	**	**	**
25	06	LS132S-4	38	5.50	**	**	**	**	**	**
26	06	LS132M-4	38	7.50	**	**	**	**	**	**
27	07	LS132M-4	38	11.00	**	**	**	**	**	**
28	06	LS160LR-4	42	15.00	**	**	**	**	**	**
29	06	LS180MT-4	48	18.50	**	**	**	**	**	**
30	06	LS180LR-4	48	22.00	**	**	**	**	**	**
31	06	LS200LT-4	55	30.00	**	**	**	**	**	**
32	06	LS225ST-4	60	37.00	**	**	**	**	**	**
33	06	LS225MR-4	60	45.00	**	**	**	**	**	**
34	06	LS250ME-4	65	55.00	**	**	**	**	**	**
35	06	LS280SC-4	75	75.00	**	**	**	**	**	**
36	06	LS280MD-4	75	90.00	**	**	**	**	**	**

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



NOTE

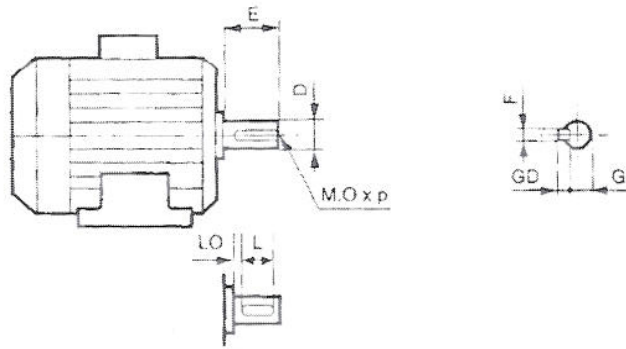
- HOOKUP DIAGRAM MUST BE INCLUDED ON NAMEPLATE OR ON SEPARATE LABEL
- EACH MOTOR SHOULD INCLUDES ONE NAMEPLATE INCLUDING 50 & 60 Hz

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		
SEE TABLE	ADDED NEW SUFFIX (S,O,I,P&H)		HUSAIN	07-09-09	INITIATOR	NARENDRA	
	FRAME MODEL UPDATED AS PER VENDOR INFO.		HUSAIN	10-08-09	CHECK	ANWAR	
	FRAME MODEL UPDATED AS PER VENDOR INFO.		HUSAIN	22-06-09	VERIFIED	OTHMAN	
	SUFF (F) ADDED		HUSAIN	02-05-09	APPROVAL	SAMI BANAT	
	ADDED NEW NOTE		HUSAIN	15-04-08	Issue Date	16-05-2004	
REV#	Revision Details		Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\801\00924-36	

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DD2-2



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	7	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/M/SM	10	8	38k6	33	80	12	28	63	10	10	8	38k6	33	80	12	28	63	10
LS 150 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	95	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
LC 200 9K/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
 12/9/09
 DATE

ALL DIMENSION ARE IN INCHES

SHEET 2 of 2

SCALE : N.T.S

Tolerance: : Unless noted (±) : fraction 1/32" ; Decimal 0.031

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