

LAG LINEAR ACTUATOR

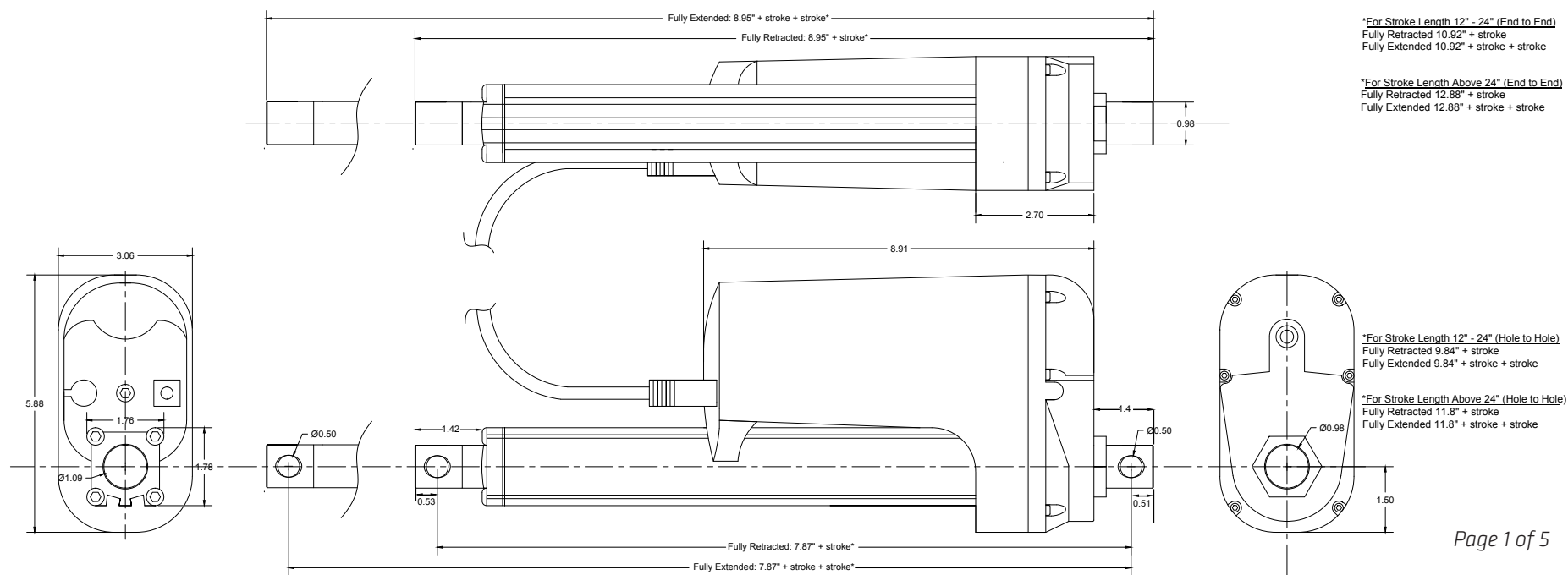


SPECIFICATIONS

- Input Voltage 12 or 24VDC
- Current: 10,5A at full load
- Load Capacity: 3000 lbs
- Mounting Holes: 0.50" Diameter
- Static load: 3000 lbs
- Stroke Length: 1" to 40"
- Screw: ACME Screw
- Duty Cycle: 20%
- Operational Temperature: -40°C~+60°C
- Limit Switch: Built-in Non-Adjustable
- IP Grade: IP66
- Low Noise: db<90(A)
- Certifications: CE
- Housing: Aluminum Alloy
- Gears: Powder Metal Gears
- Wire Length: 40"

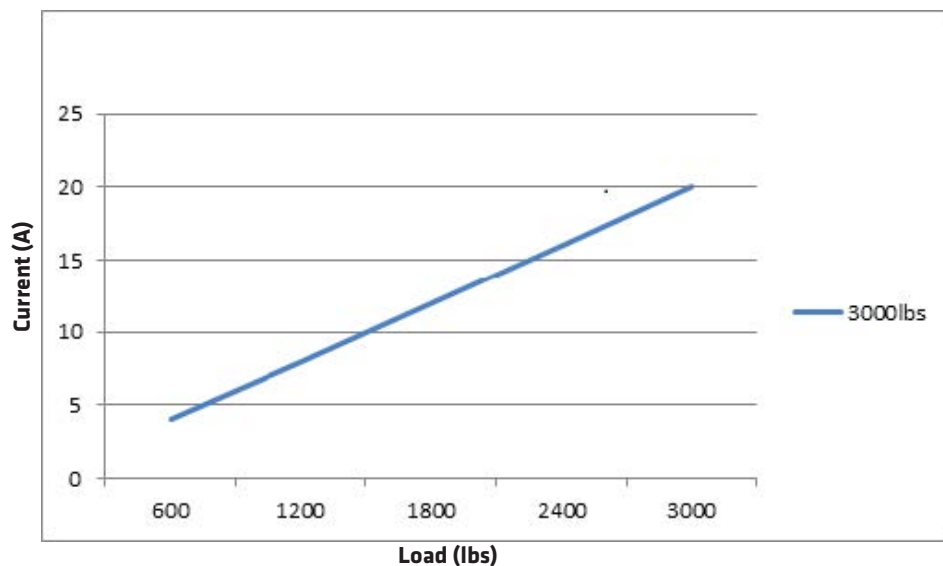
For Custom Options See Page 5

DIMENSIONS IN INCHES



LAG-XX-1200 LINEAR ACTUATOR

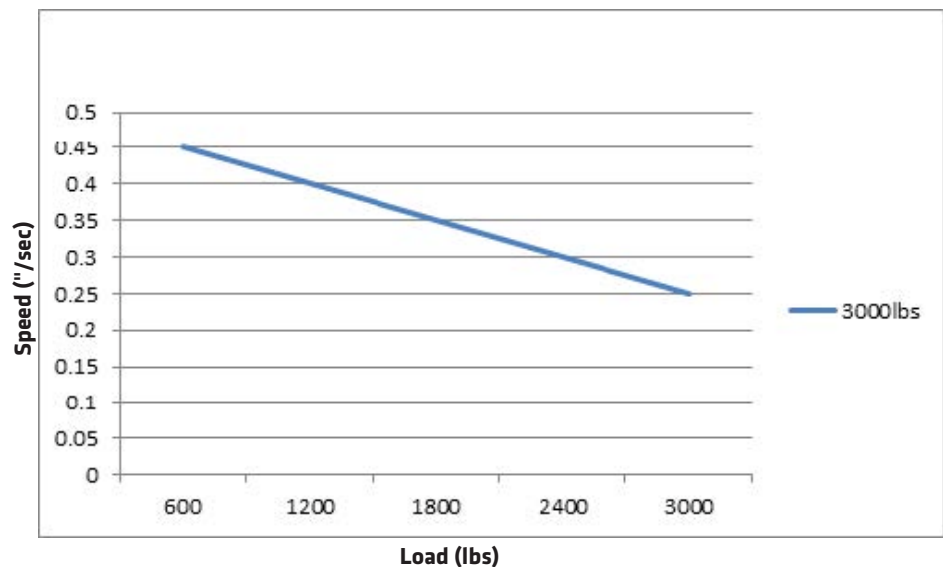
CURRENT VS LOAD



HOLE TO HOLE DIMENSIONS

Stroke Sizes (in inches)	Fully Retracted (in inches)	Fully Extended (in inches)
0	7.87	7.87
1	8.87	9.87
2	9.87	11.87
3	10.87	13.87
4	11.87	15.87
6	13.87	19.87
8	15.87	23.87
9	16.87	25.87
10	17.87	27.87
12	21.84	33.84
14	23.84	37.84
16	25.84	41.84
18	27.84	45.84
20	29.84	49.84
22	31.84	53.84
24	33.84	57.84
30	41.8	71.8
40	51.8	91.8

SPEED VS LOAD



PRODUCT ACCESSORIES

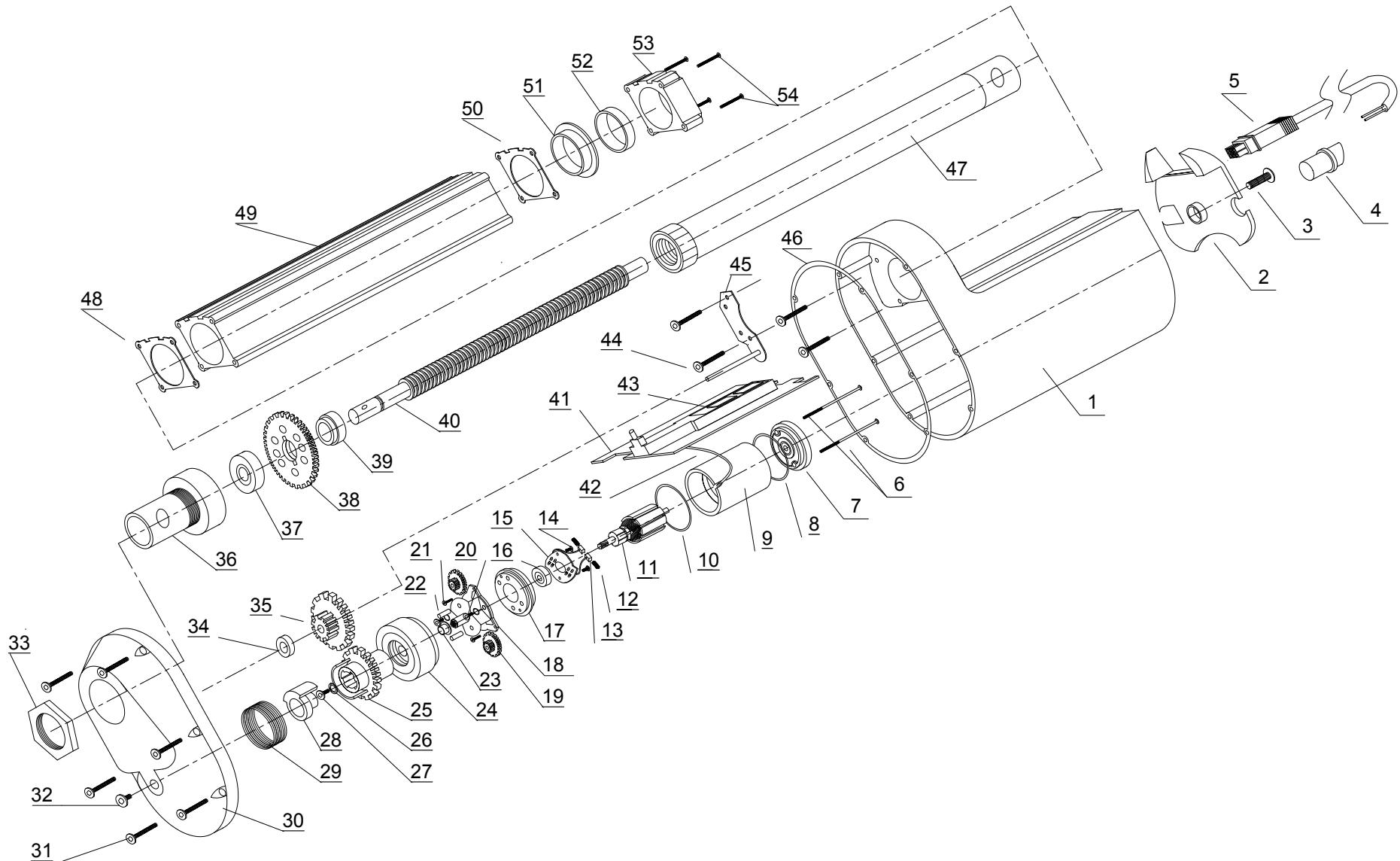
- Will work with controls boxes with a 20A rating (see control box section for details)
- Mounting Brackets: BRK-17 (for each end)
- Rocker Switches: RC-10, RC-11 and RC-12
- Foot Controls: PDL-01, PDL-03 (with relay)

SPEED IN INCHES PER SECOND

Forces (lbs)	No Load	Full Load
3000	0.25	0.17

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ACTUATOR INTERNALS



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ACTUATOR ASSEMBLY EXPANDED VIEW PARTS DESCRIPTION

Item	Description	Qty
1	Actuator Enclosure	1
2	Back Cover	1
3	Back Cover Screw	1
4	Optional Connector Plug	1
5	Power Cable with Connector	1
6	Motor Enclosure Screw	2
7	Electric Motor Cap with Rotor Bearing	1
8	Electric Motor Top Gasket	1
9	Electric Motor Enclosure with Stator	1
10	Motor Enclosure Bottom Gasket	1
11	Electric Motor Rotor	1
12	Electric Motor Brush Spring	2
13	Electric Motor Brush	2
14	PCB Screws	2
15	Brush Holder PCB	1
16	Electric Motor Bearing	1
17	Electric Motor Base	1
18	Direct Gear Wheel Bracket	1
19	Direct Gear Wheel	2
20	Direct Gear Bracket Screw	2
21	Electric Motor Mounting Screw	2
22	Direct Gear Pin	2
23	Direct Drive Washer	1
24	Direct Drive Drum	1
25	Main Drive Gear	1
26	Main Drive Gear Washer	1
27	Main Drive Gear Screw	1

Item	Description	Qty
28	Main Drive Engager	1
29	Main Drive Spring	1
30	Actuator Back Cover	1
31	Back Cover Screw	6
32	Main Drive Screw	1
33	Mounting Bracket Nut	1
34	Gear Spacer	1
35	Intermediate Gear Wheel	1
36	Actuator Bottom Mounting Bracket	1
37	Main Shaft Bearing	1
38	Main Shaft Gear Wheel	1
39	Main Shaft Spacer	1
40	Treaded Shaft Drive	1
41	Limit Switches PCB	1
42	Electric Motor Cable	1
43	Limit Switches	2
44	Shaft Enclosure Screw	4
45	Intermediate Gear Support	1
46	Enclosure Gasket	1
47	Shaft	1
48	Shaft Enclosure Bottom Gasket	1
49	Shaft Enclosure	1
50	Shaft Enclosure Top Gasket	1
51	Top Shaft Guide	1
52	Shaft Top Seal Ring	1
53	Shaft Enclosure Top Cap	1
54	Shaft Enclosure Top Cap Screw	4



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DISTRIBUIDOR BRASIL - 19-3045-4900

www.kalatec.com.br

CUSTOM OPTIONS

- Voltage: 12/24/36/48
- Feedback: Potentiometer (up to 6" stroke length) or Hall Effect Sensor
- Wire length: Customizable
- Stroke Size: 1" – 40" in increments of 0.25"
- Mounting Holes: Customizable size and Dimensions
- Connectors: Add your specific connector

HOW TO ORDER

KTC-LAG-24-A-1200-6.5-300

TYPE LAG | VOLTS 12 or 24V | CODE: A...P | LOAD: (KG) | SPEED (mm/s) | STROKE (mm)

Code	Gear ratio	Pitch (mm)	Speed without load (mm/S)	Speed with full load (mm/S)	Max. load (Push/Pull) N	Self-lock (Push/Pull) N	No load amp A		Full load amp A	
							12V	24V	12V	24V
A	40:1	4	6.5	4.5	12000	15000	4.0	2.4	20	10.5
B	30:1		8.5	6	11000	12000	4.0	2.4	20	10.5
C	20:1		13	9	7500	9000	4.0	2.4	20	10.5
D										
E	40:1	8	13	7	10000	12000	4.0	2.4	20	10.5
F	30:1		17	9.5	7000	8000	4.0	2.4	20	10.5
G	20:1		25	14	5000	6000	4.0	2.4	20	10.5
H										
I	40:1	12	20	11	6500	8000	4.0	2.4	20	10.5
J	30:1		25	13	4500	5500	4.0	2.4	20	10.5
K	20:1		38	24	3200	4000	4.0	2.4	20	10.5
L										
M	40:1	20	30	15	4000	5000	4.0	2.4	20	10.5
N	30:1		40	20	3000	4000	4.0	2.4	20	10.5
O	20:1		60	30	2000	3000	4.0	2.4	20	10.5
P										