

SLA55 Rod Actuators

FEATURES

- 55mm Wide
- No Load Speed up to 39.2mm/s
- Max Load up to 130kg (287lb)
- Max Load Speed up to 34.1mm/s (134in/sec)
- Stroke Length up to 300mm (11.8in)
- IP54 Protection

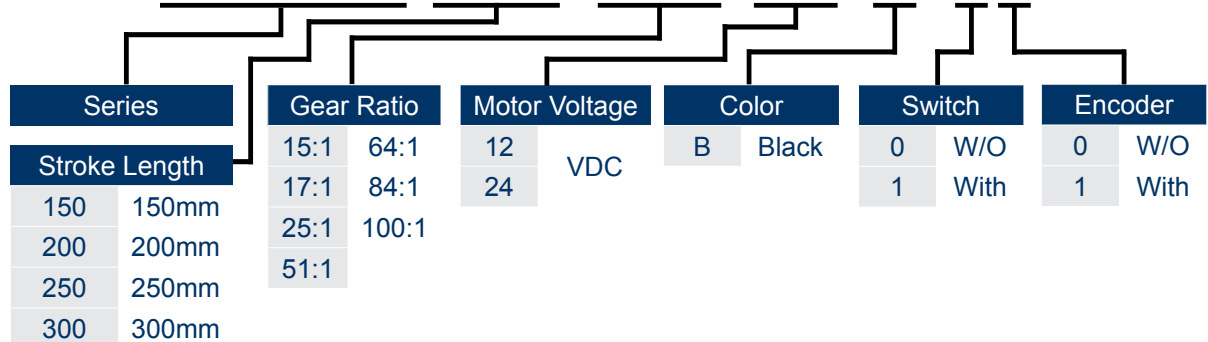


SPECIFICATIONS

Series #	Stroke Length (mm)	Load Capacity (kg)	No Load Speed (mm/s)	Max Load Speed (mm/s)	Voltage (VDC)	Gear Ratios	Self Locking Force (kg)
SLA55-150-25-24-B-01	150	50	22.5	19	24	25:1	50
SLA55-150-51-24-B-01	150	90	11.1	9.4	24	51:1	90
SLA55-150-100-24-B-01	150	130	5.8	4.8	24	100:1	160
SLA55-200-25-24-B-01	200	50	22.5	19	24	25:1	50
SLA55-200-51-24-B-01	200	90	11.1	9.4	24	51:1	90
SLA55-200-100-24-B-01	200	130	5.8	4.8	24	100:1	160
SLA55-250-25-24-B-01	250	50	22.5	19	24	25:1	50
SLA55-250-51-24-B-01	250	90	11.1	9.4	24	51:1	90
SLA55-250-100-24-B-01	250	130	5.8	4.8	24	100:1	160
SLA55-300-25-24-B-01	300	50	22.5	19	24	25:1	50
SLA55-300-51-24-B-01	300	90	11.1	9.4	24	51:1	90
SLA55-300-100-241-B-01	300	130	5.8	4.8	24	100:1	160

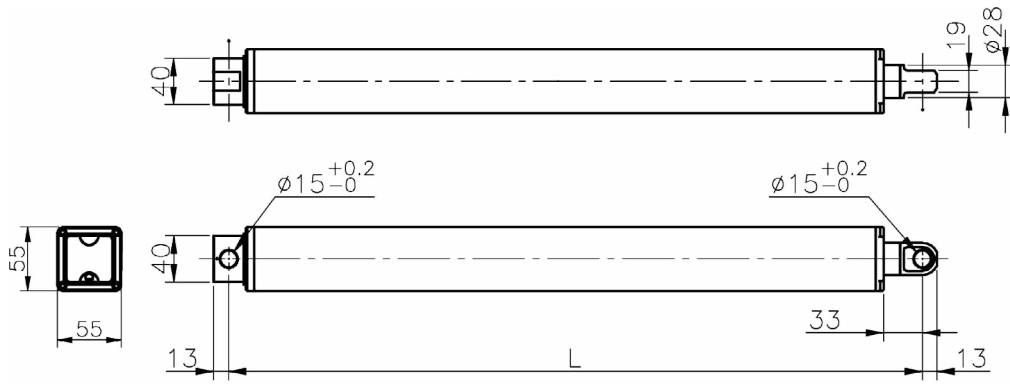
ORDERING INFORMATION

SLA55-250-100-24-B-11



L011264 *Note: Switch comes with 2 end of travel switches

DIMENSIONS

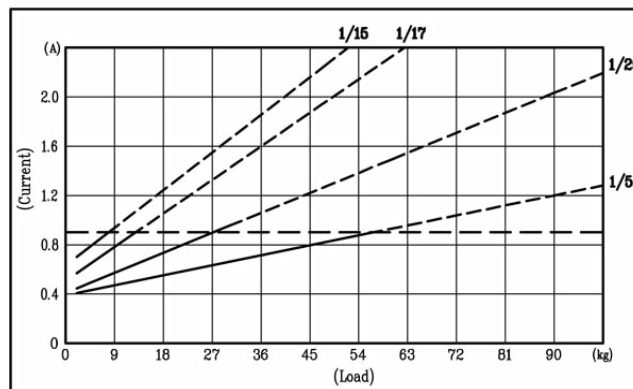
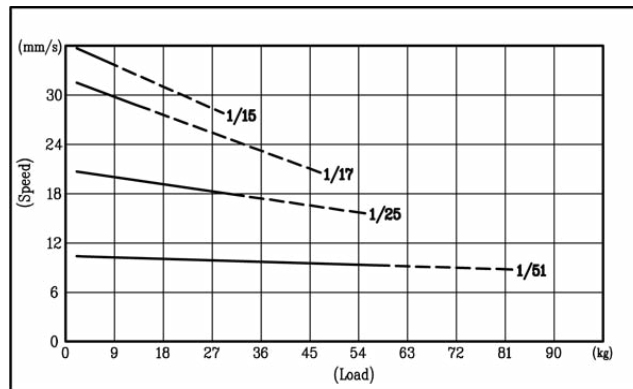


$$L = S(\text{Stroke Length}) + 263(\text{mm})$$

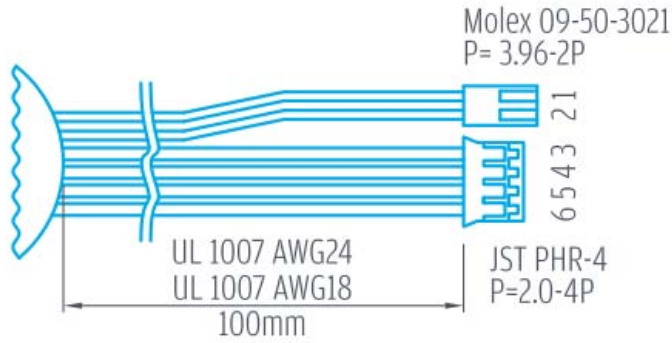
SPECIFICATIONS

Gear Ratio	15:1	17:1	25:1	51:1	64:1	84:1	100:1
No Load Speed (mm/s)	39.2	34.1	22.5	11.1	9.0	6.8	5.8
Max Load Speed (mm/s)	34.1	28.8	19	9.4	7.4	5.6	4.8
Load Capacity (kg)	7	12	25	50	70	100	130
Self Locking Force (kg)	15	25	50	90	120	130	160
Stroke Length (mm)	150, 200, 250, 300						
Duty Cycle	Max 10%						
Temperature Range	-10°C ~ 60°C						
IP Grade	IP54						

TORQUE CURVES



Encoder Option:



Two Channel Encoder Connections	
1.	Black : -Motor
2.	Red : +Motor
3.	Brown : Hall Sensor Vcc
4.	Green : Hall Sensor GND
5.	Blue : Hall Sensor A Vout
6.	Purple : Hall Sensor B Vout

Characteristics	Minimum	Maximum	Units
Supply Voltage	3.5	20	V
Supply Current	--	10	mA
Output Rise Time	--	1.5	µS
Output Fall Time	--	1.5	µS
Output Saturation Voltage	--	700	mV
Output Leakage Current	--	10	µA