

Telescopic Actuator CX.LD3 Standard Series

Feature:

Input Voltage: 12Vdc / 24Vdc
Max Load: 1200N (push/pull)
Max Speed: 44 mm/sec @ no load
Stroke: 50, 100, 150, 200, 250, 300mm
Duty cycle: 25%
IP protection Level: IP65
Color: Aluminum grey
Certified: EN 55014-1 EN 55014-2
Noise level: ≤70dB
Preset Limit Switches



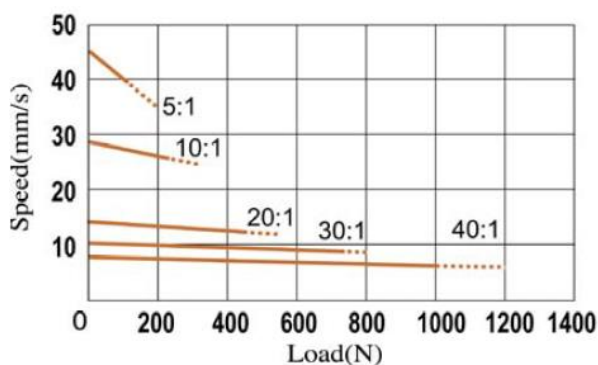
Option:

Single/Dual Hall effect sensor
Potentiometer

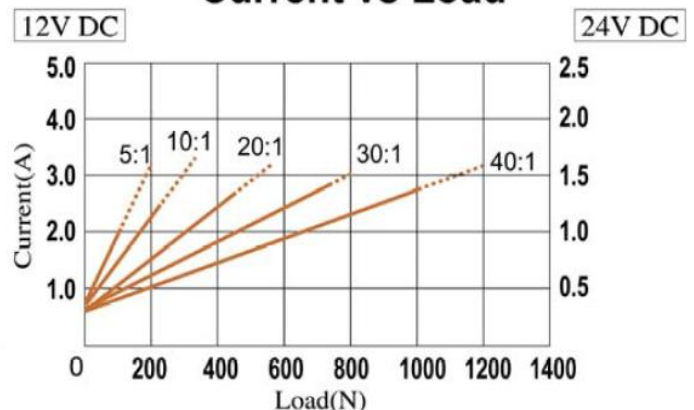
Electric Performance:

Model	Gear ratio	Voltage	Speed @ No Load	Max Push	Max Pull	Speed @ Max Load
		<i>Volt</i>	<i>mm/sec</i>	<i>N</i>	<i>N</i>	<i>mm/sec</i>
CX.LD3.5	1:5	12.0	43.9	150	150	40.0
		24.0				
CX.LD3.10	1:10	12.0	27.6	250	250	26.0
		24.0				
CX.LD3.20	1:20	12.0	14.6	500	500	13.5
		24.0				
CD.LD3.30	1:30	12.0	9.5	800	800	9.1
		24.0				
CX.LD3.40	1:40	12.0	7.0	1000	1000	6.5
		24.0				

Speed vs Load



Current vs Load



Telescopic Actuator CX.LD3 with Hall Sensor Encoder

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- IP protection Level: IP65
- Color: Aluminum grey
- Certified: EN 55014-1 EN 55014-2
- Noise level: ≤70dB
- Preset Limit Switches
- Hall Sensor Encoder

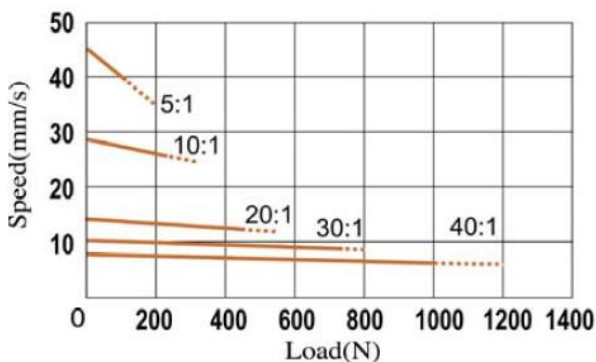


Hall Sensor	
Gear ratio	Pulses/mm
1:5	2.3
1:10	3.6
1:20	6.9
1:30	10.6
1:40	14.3

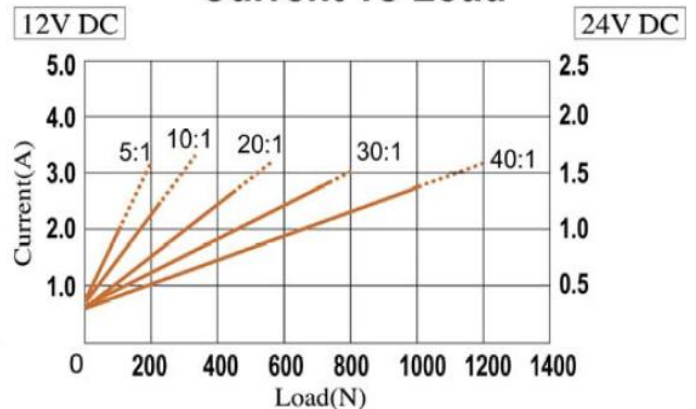
Electric Performance:

Model	Gear ratio	Voltage	Speed @ No Load	Max Push	Max Pull	Speed @ Max Load
		Volt	mm/sec	N	N	mm/sec
CX.LD3.5	1:5	12.0	43.9	150	150	40.0
		24.0				
CX.LD3.10	1:10	12.0	27.6	250	250	26.0
		24.0				
CX.LD3.20	1:20	12.0	14.6	500	500	13.5
		24.0				
CD.LD3.30	1:30	12.0	9.5	800	800	9.1
		24.0				
CX.LD3.40	1:40	12.0	7.0	1000	1000	6.5
		24.0				

Speed vs Load



Current vs Load



Telescopic Actuator CX.LD3 with Potentiometer Sensor

Feature:

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Max Load: 1200N (push/pull)
Max Speed: 44 mm/sec @ no load
Stroke: 50, 100, 150, 200, 250, 300mm
Duty cycle: 25%
IP protection Level: IP65
Color: Aluminum grey
Certified: EN 55014-1 EN 55014-2
Noise level: ≤70dB
Preset Limit Switches
Potentiometer Sensor

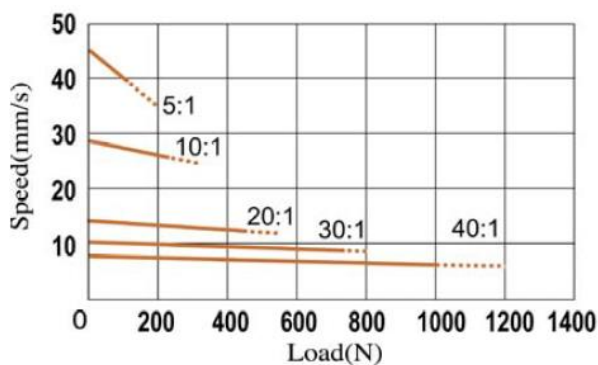


Value of POT	
Stroke (mm)	Resistance (Ω)
50	0.3-9.3K
100	0.3-9.7K
150	0.3-8.6K
200	0.3-9.6K
250	0.3-9.3K
300	0.3-9.3K

Electric Performance:

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		Volt	mm/sec	N	N	mm/sec
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		24.0				
CX.LD3.10	1:10	12.0	27.6	250	250	26.0
		24.0				
CX.LD3.20	1:20	12.0	14.6	500	500	13.5
		24.0				
CD.LD3.30	1:30	12.0	9.5	800	800	9.1
		24.0				
CX.LD3.40	1:40	12.0	7.0	1000	1000	6.5
		24.0				

Speed vs Load



Current vs Load

