

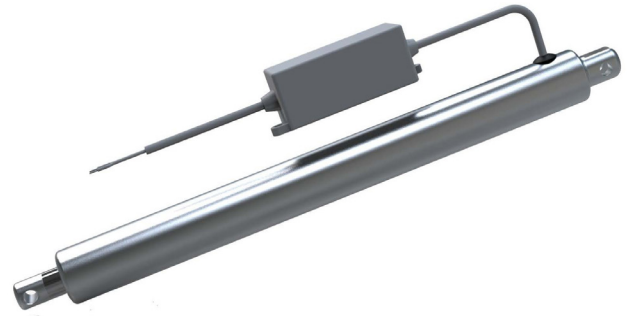
ML20

Tubular Linear Actuator



Features

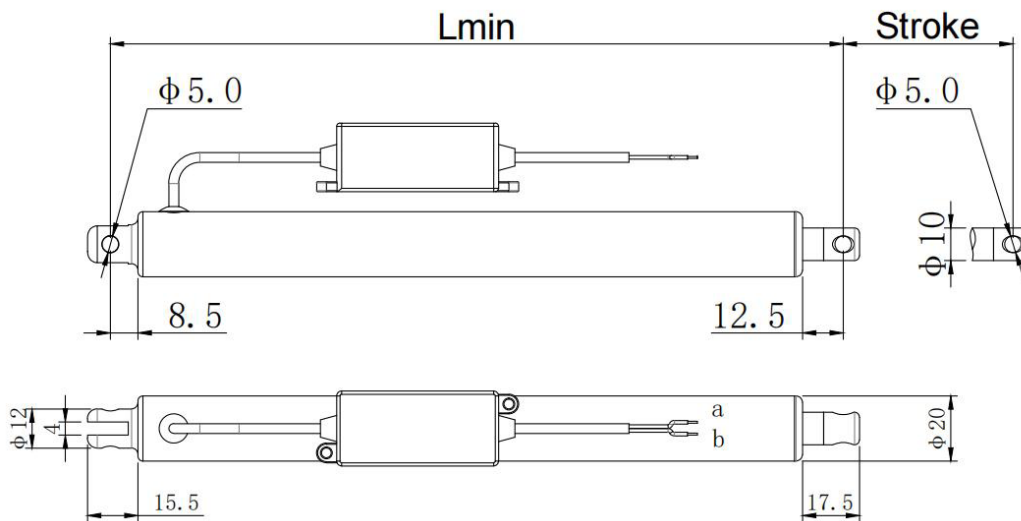
1. 12 / 24 VDC
2. ø20mm Actuator Body
3. Max Load: 120N
4. Min. Installation Dimensions: $L_{min} = S + 125$
5. Current Overload Protection
6. Stainless Steel Shaft
7. Planetary Gearbox
8. Operating Temp.: -25°C to 65°C
9. Color Options: Silver or Black



Part Number Configurator

Series	Stroke	Voltage	Code	Color
ML20	-	S300	-	A
		24		B

Dimensions



Stroke (mm)	Length (Lmin)
30 ~ 200	S+125
201 ~ 300	S+155

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) $\pm 10\%$		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	30 / 6.75	27 / 6	16.5	14.0	0.15	0.40	0.1	0.20
B	120 / 27	108 / 24.25	8.5	6.5	0.2	0.50	0.15	0.25

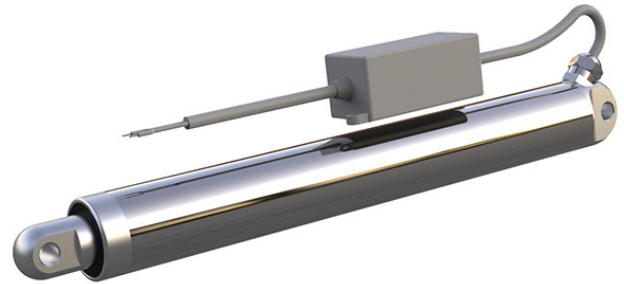
ML25

Tubular Linear Actuator



Features

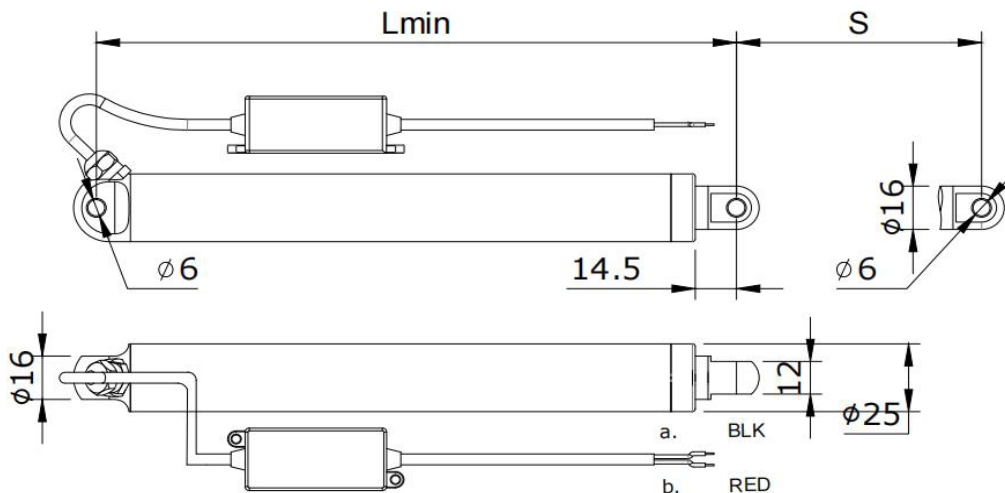
1. 12 / 24 VDC
2. ø25mm Actuator Body
3. Max Load: 500N
4. Min. Installation Dimensions: $L_{min} = S + 175$
5. Current Overload Protection
6. Optional Hall Feedback
7. Planetary Gearbox
8. Noise: $\leq 55\text{dB}$, Protection: IP65
9. Material: Stainless Steel



Part Number Configurator

Series	Stroke	Voltage	Code	Color / Material
ML25	-	S500	-	A
		24		ST

Dimensions



Stroke (mm)	Length (Lmin)
30 ~ 200	S+175
201 ~ 300	S+195
301 ~ 500	S+205

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) $\pm 10\%$		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	300 / 67.5	270 / 60.75	10.0	8.0	0.28	1.5	0.15	0.7
B	500 / 112.5	450 / 101.25	7.0	4.5	0.25	1.5	0.18	0.8

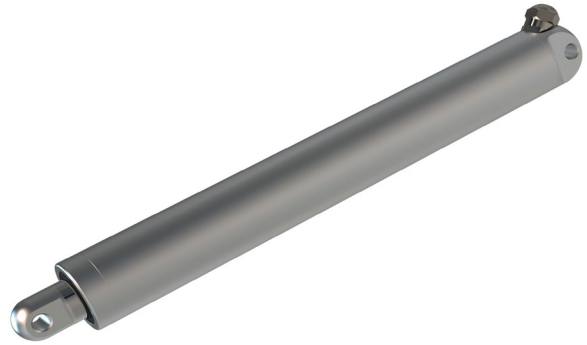
ML28

Tubular Linear Actuator



Features

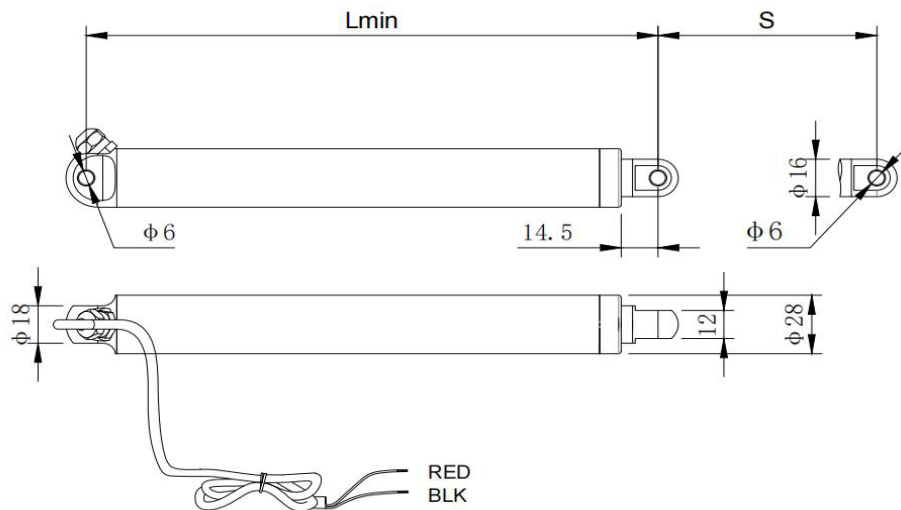
1. 12 / 24 VDC
2. ø28mm Actuator Body
3. Max Load: 500N
4. Min. Installation Dimensions: $L_{min} = S + 175$
5. Current Overload Protection Switch
6. Optional Hall Feedback
7. Planetary Gearbox
8. Noise: $\leq 55\text{dB}$, Protection: IP66
9. Color: Silver - Aluminum Alloy



Part Number Configurator

Series	Stroke	Voltage	Code	Color
ML28	-	S500	-	A
		24		S

Dimensions



Stroke (mm)	Length (Lmin)
30 ~ 200	S+175
201 ~ 300	S+195
301 ~ 500	S+205

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) $\pm 10\%$		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	300 / 67.5	270 / 60.75	10.0	8.0	0.28	1.5	0.15	0.7
B	500 / 112.5	450 / 101.25	7.0	4.5	0.25	1.5	0.18	0.8

ML35

Tubular Linear Actuator



Features

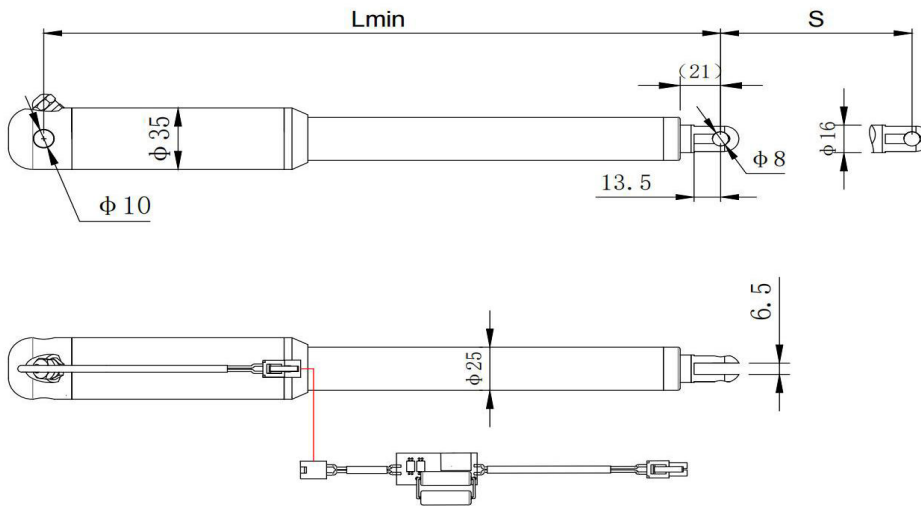
1. 12 / 24 VDC
2. $\phi 35$ mm Actuator Body
3. Max Load: 600N
4. Current Overload Protection
5. 3-Stage Planetary Gearbox
6. Noise: ≤ 55 dB
7. Operating Temp.: -25°C to 65°C
8. Certifications: CE, RoHS
9. Material: 304 Stainless Steel



Part Number Configurator

Series	Stroke	Voltage	Code	Color / Material
ML35	- S500	- 24	- A	ST

Dimensions



Stroke (mm)	Length (Lmin)
50 ~ 300	S+183
301 ~ 500	S+203

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) $\pm 10\%$		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	600 / 135	540 / 121.5	13.0	9.0	0.8	3.0	0.4	1.4

ML36

Tubular Linear Actuator



Features

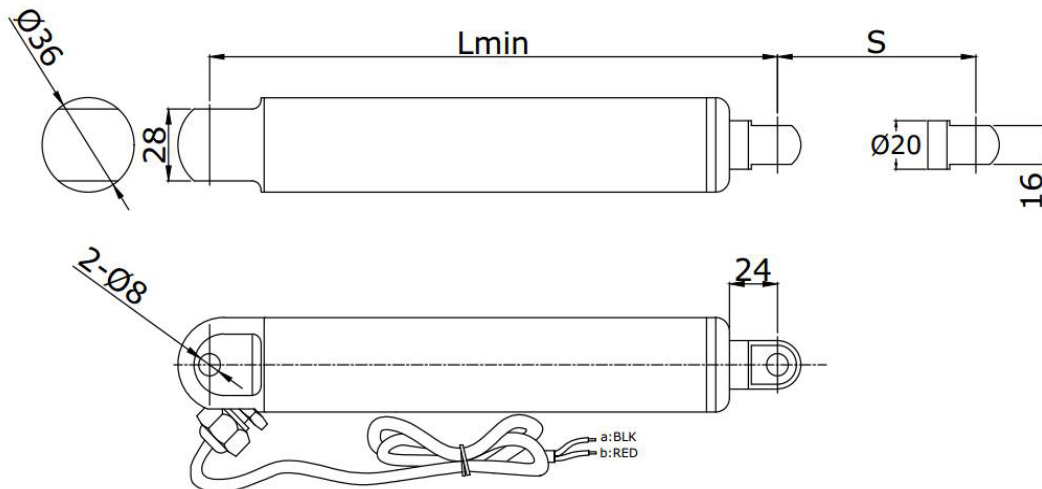
1. 12 / 24 VDC
2. ø36mm Actuator Body
3. Max Load: 2,000N
4. Stainless Steel Shaft
5. Built-in Limit Switch
6. Optional Hall Feedback
7. Noise: ≤56dB, Protection: IP65
8. Operating Temp.: -25°C to 65°C
9. Color Options: Silver or Black



Part Number Configurator

Series		Stroke		Voltage		Code		Color
ML36	-	S600	-	24	-	A		B

Dimensions



Stroke (mm)	Length (Lmin)
30 ~ 299	S+265
300 ~ 399	S+295
400 ~ 600	S+325

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) ± 10%		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	2000 / 449.5	1800 / 404.5	9.0	6.5	1.0	4.0	0.6	2.5
B	1000 / 225	900 / 202.5	7.5	5.5	0.6	3.0	0.3	1.5
C	750 / 168.5	675 / 151.75	15.0	10.0	0.6	3.0	0.3	1.5

ML38

Tubular Linear Actuator



Features

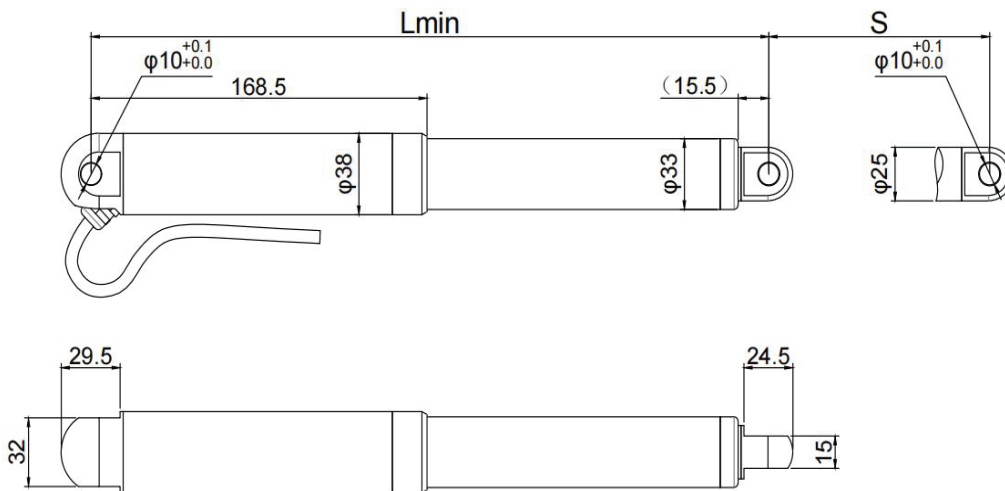
1. 12 / 24 VDC
2. ø38mm Actuator Body
3. Max Load: 3,000N
4. Built In Limit Switch
5. Optional: Hall Feedback
6. SUS 304 Shaft (ø25mm)
7. Noise: ≤60dB, Protection: IP66
8. Operating Temp.: -25°C to 65°C
9. Color Options: Silver or Black



Part Number Configurator

Series	Stroke	Voltage	Code	Color
ML38	-	S600	-	A
		24		B

Dimensions



Stroke (mm)	Length (Lmin)
50 ~ 299	S+240
300 ~ 600	S+290

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) ± 10%		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	2000 / 449.5	1800 / 404.5	9.0	6.0	1.5	6.5	1.0	3.5
B	3000 / 674.5	2700 / 607	5.0	3.5	1.5	6.5	1.0	3.5

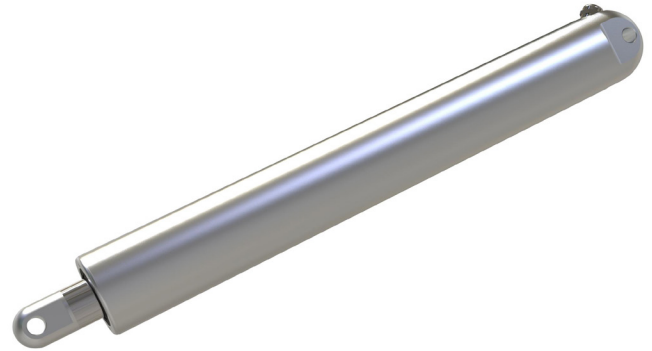
ML50

Tubular Linear Actuator



Features

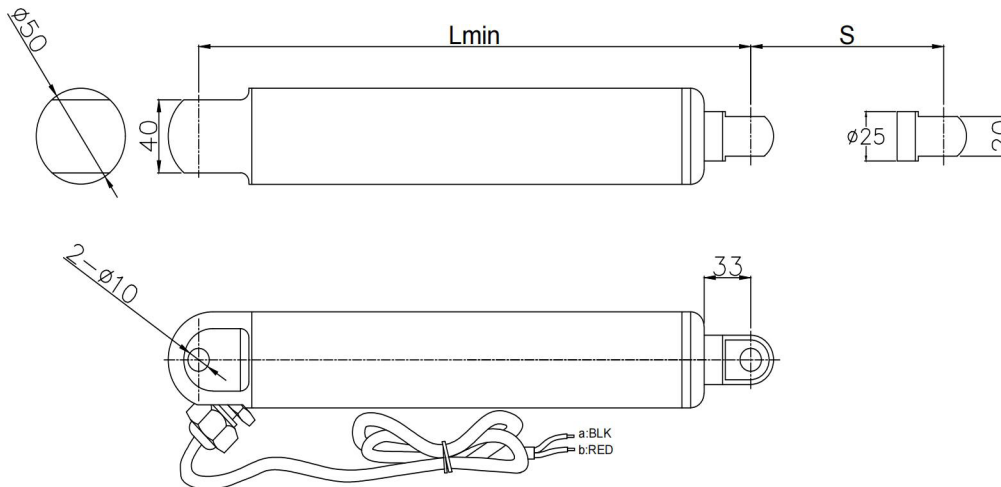
1. 12 / 24 VDC
2. $\varnothing 50\text{mm}$ Actuator Body
3. Max Load: 5,000N
4. Built In Limit Switch
5. Optional: Hall Feedback, Limit Switch Signal Output
6. Planetary Gearbox
7. Noise: $\leq 56\text{dB}$, Protection: IP65
8. Operating Temp.: -25°C to 65°C
9. Color Options: Silver or Black



Part Number Configurator

Series		Stroke		Voltage		Code	Color
ML50	-	S1000	-	24	-	A	B

Dimensions



Stroke (mm)	Length (Lmin)
30 ~ 399	S+315
400 ~ 699	S+365
700 ~ 1000	S+415

Performance

Code	Push Rated Load (N / lbf)	Pull Rated Load (N / lbf)	Speed (mm/s) $\pm 10\%$		Current (A)			
					12VDC		24VDC	
			No Load	Full Load	No Load	Full Load	No Load	Full Load
A	1500 / 337.25	1350 / 303.5	9.0	7.5	1.0	3.0	0.6	2.0
B	3000 / 674.5	2700 / 607	5.0	4.0	1.0	3.5	0.6	2.5
C	5000 / 1124	4500 / 1011.5	2.5	2.0	1.0	3.5	0.6	2.5