

ACE

New MC 30M Self-Compensating Miniature Industrial Shock Absorber High-Energy Absorption - Minimum Package



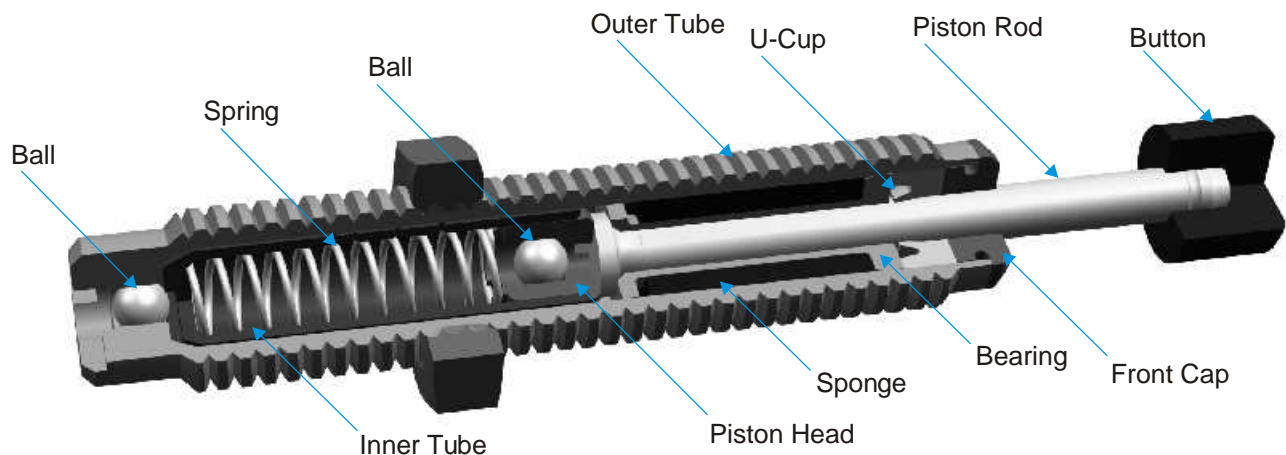
Shock absorbers shown actual size

Features...

- **Wide Effective Weight Ranges**
- **Integral Mechanical Stop**
- **Stainless Steel Piston Rod**

*The new MC 30M miniature industrial shock absorber **allows for high-energy absorption in confined spaces. The self-compensating design handles changing energy conditions without the need for adjustment. The durable MC 30M offers wide effective weight ranges and the capability to adapt to numerous applications.***

***Applications for the MC 30M include:** small linear slides, material handling and packaging equipment, small robotics, office and medical equipment as well as instrumentation.*



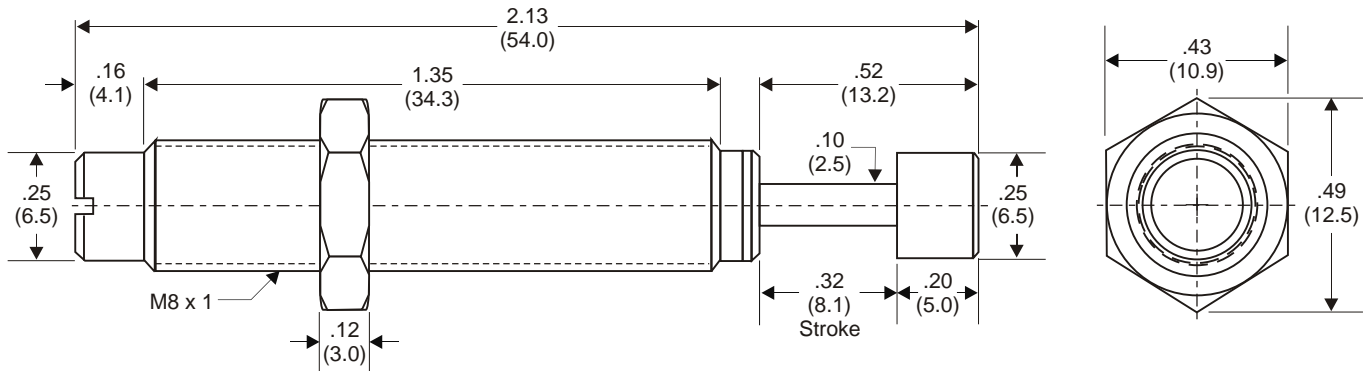
ACE Controls Inc.

World leader in deceleration technology
ISO 9001:2000 Certified

09/03

MC 30M Self-Compensating Shock Absorber

Dimensions in inches (millimeters)



Specifications

Model	We Effective Weight lbs (kg)	E ₃ Energy per Cycle in-lbs (Nm)	E ₄ Energy per Hour in-lbs/hour (Nm/hour)	Return Force lbs (N)	Return Time Sec	Shipping Weight lbs (kg)
MC 30M-1	1.0 - 4.30 (.45 - 1.95)	31 (3.5)	50,000 (5,650)	0.2 - 1.0 (.89 - 4.45)	0.3	0.025 (0.009)
MC 30M-2	3.97 - 11.90 (1.8 - 5.4)	31 (3.5)	50,000 (5,650)	0.2 - 1.0 (.89 - 4.45)	0.3	0.025 (0.009)
MC 30M-3	11.02 - 33.07 (5 - 15)	31 (3.5)	50,000 (5,650)	0.2 - 1.0 (.89 - 4.45)	0.3	0.025 (0.009)

Technical Data

Impact velocity range: 2.2 - 12.9 ft/sec (.67 to 3.93 m/sec)

Operating temperature: 32° to 150° F (0° to 66° C)

Mechanical stop: integral mechanical stop built into front of units.

Oil type: ACE oil #5

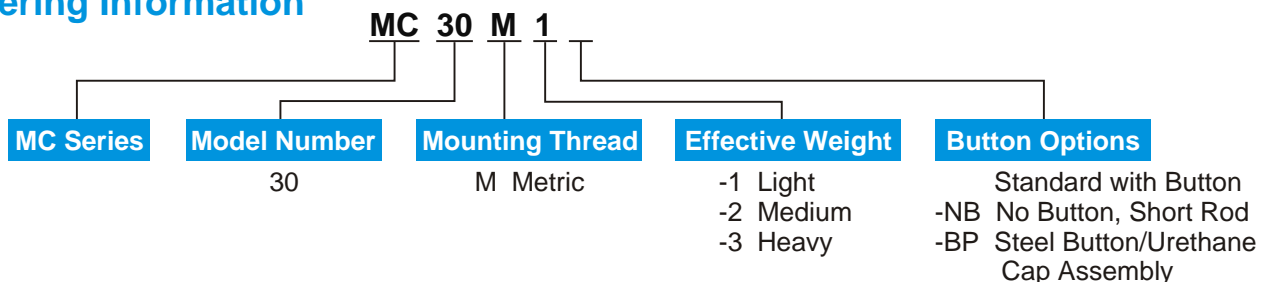
Materials: steel body with black oxide finish, hardened stainless steel piston rod and button

Maximum side load depends on application. For additional information contact ACE Control's Applications Department.

Lock nut torque specifications: 35 - 38 in-lbs (4 - 4.3 Nm)

Lock nut included with each shock absorber

Ordering Information



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