



MC 30M-Z Miniature Shock Absorber Ideal for Mounting in Pneumatic Cylinders & Rotary Actuators



Shock Absorbers Shown Actual Size

Advantages...

Stretch Seal Design

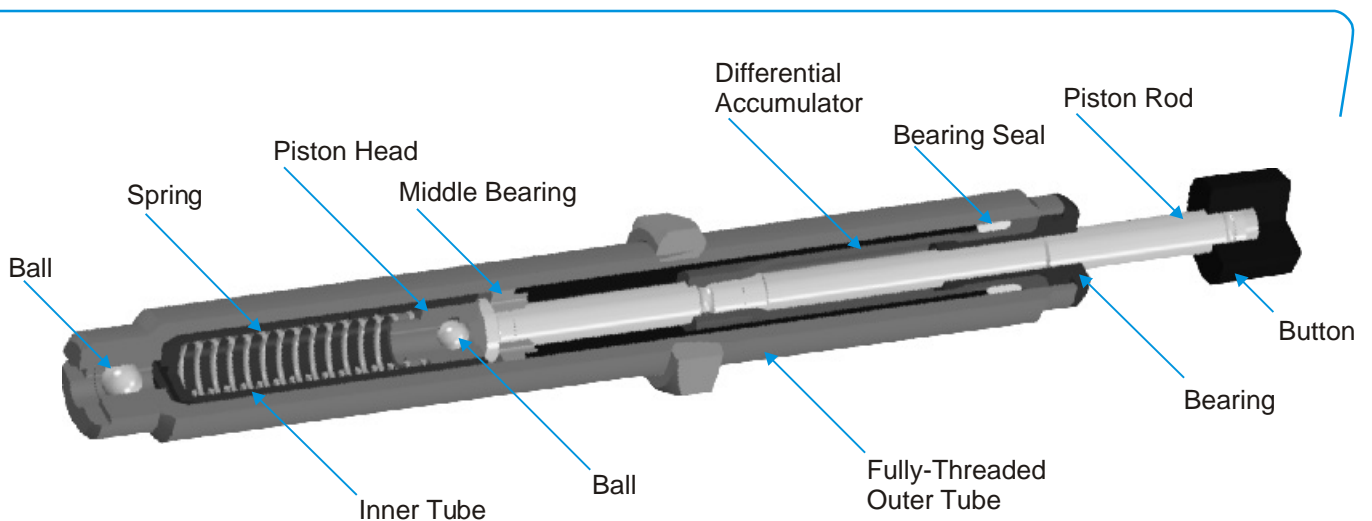
High Energy Absorption in Confined Spaces

Wide Effective Weight Ranges

Handles Numerous Applications

The new ACE Controls MC 30M-Z is **ideal for mounting into pneumatic cylinders and rotary actuators**. The **internal stretch seal design**, prevents air from being ingested and oil from escaping. The **self-compensating feature** of this dependable newcomer allows the MC 30M-Z to handle changing energy conditions without the need for adjustment.

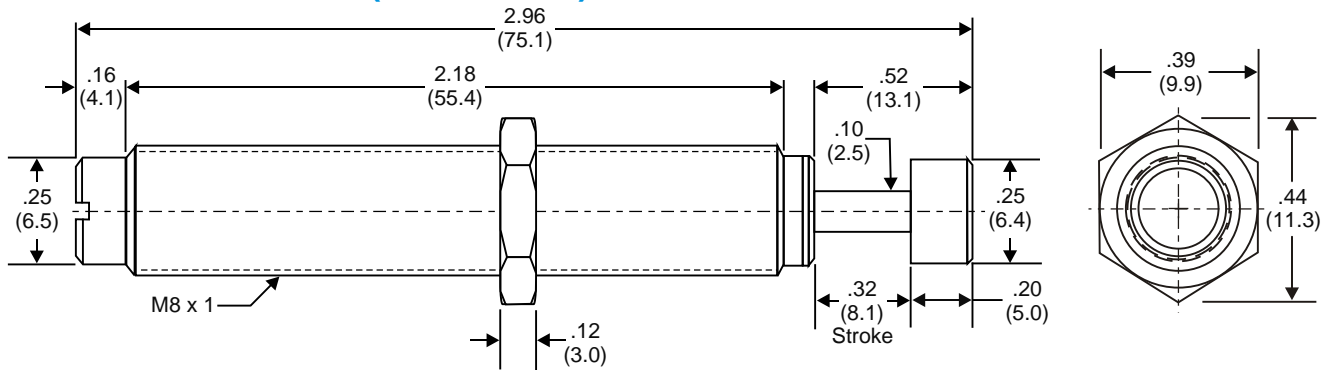
Applications for the MC30M-Z include: small linear slides, material handling and packaging equipment, small robotics, office and medical equipment as well as instrumentation and more.



ACE Controls Inc.

World leader in deceleration technology
ISO 9001:2000 Certified

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 30M1-Z	1.0 - 4.30 (.45 - 1.95)	31 (3.5)	50,000 (5,650)	0.57 - 1.56 (2.53 - 6.93)	0.3	0.03 (0.011)
MC 30M2-Z	3.97 - 11.90 (1.8 - 5.4)	31 (3.5)	50,000 (5,650)	0.57 - 1.56 (2.53 - 6.93)	0.3	0.03 (0.011)
MC 30M3-Z	11.02 - 33.07 (5 - 15)	31 (3.5)	50,000 (5,650)	0.57 - 1.56 (2.53 - 6.93)	0.3	0.03 (0.011)

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

