

**ACE**

# **GLASS SHOCKS**

*Self-Compensating M64 x 2 Heavy-Duty Models  
for Glass Bottle Blow-Molding Equipment*



*No Adjustment Required  
Increased System Performance  
Reduced Damage-Causing Impact Forces*

*Weartec Plus Corrosion Protection Included*



# GLASS Shocks, M64 x 2

***Adaptable to IS Glass Molding Blowhead Machine Position  
Interchangeable with Competitor Models***



**Model: MC 1-1/8 x 2-P-589SV**  
Shock absorber shown actual size

**ACE Controls Self-Compensating M64 x 2 GLASS Shock Absorbers** were designed to handle the demanding high-temperatures and rapid cycle rates of independent station (I.S.) glass molding machines.

**These rugged performers provide controlled linear deceleration over a range** of speed and weight combinations, compensating for changes in both weight and velocity. Time consuming adjusting of the shock absorber has been eliminated.

**Blowhead mechanisms are subjected** to both high heat and high cycle rates. These fast moving mechanisms must be stopped quickly and precisely. ACE's M64 x 2 GLASS Shocks will handle the heat, reduce damage causing impact forces and increase blow-molding equipment life.

**The one piece, solid construction, high-pressure inner tube in combination with high-temperature seals and a solid one-piece piston rod** enable the ACE M64 x 2 GLASS Shock to offer unmatched long-lasting performance.



**Controlling Shock Loads On Independent Station  
Glass Molding Machines...**



# Self-Compensating

## GLASS Shock Features

Tamper-proof self-compensating design eliminates adjustment time  
High-temp seals for long-life performance  
Solid one-piece piston rod for maximum strength  
Solid one piece construction, heat treated high-pressure inner tube  
Hardened steel piston head and rod button  
Weartec Plus coating for superior corrosion protection  
External positive stop  
Wrench flats for ease of installation

## GLASS Shock Benefits

No adjustment required  
Increased cycle rates  
Increased system performance  
Reduced reaction forces  
Reduced damage-causing impact forces  
Extended shock performance under adverse conditions  
Lifetime warranty against material defects and workmanship  
Easily rebuilt with available seal kit

## Lifetime Warranty

ACE Controls products are guaranteed to be free of defects in materials and workmanship. ACE will repair or replace any of its products determined to have a defect in materials or workmanship at anytime for the life of the product.



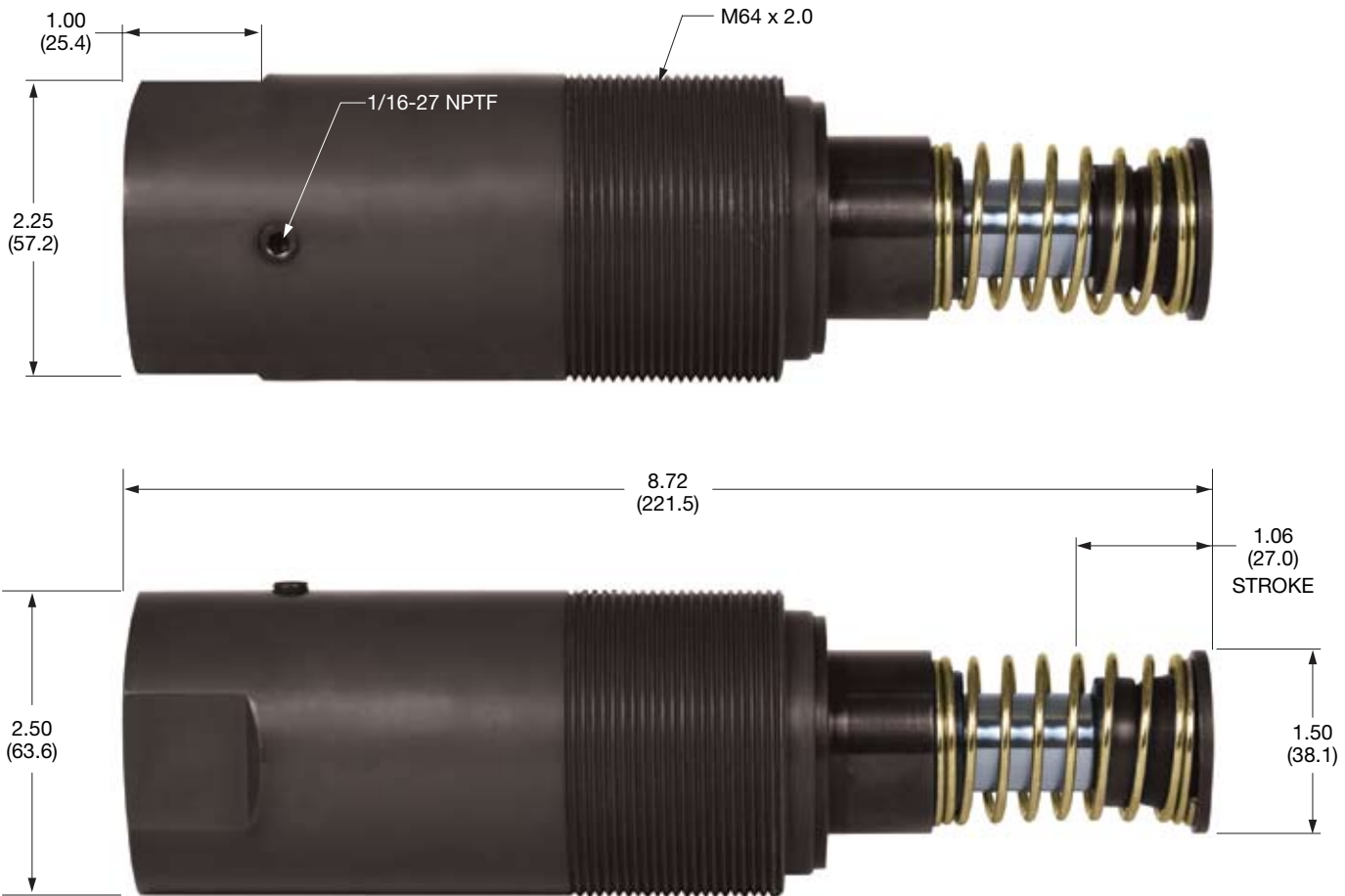
**Model: MC 1-1/8 x 2-P-592GR**  
Shock absorber shown actual size



# GLASS Shock, M64 x 2 Dimensions

## MC 1-1/8 x 2-P-589SV & MC 1-1/8 x 2-P-592GR

Dimensions in inches and (millimeters)



Model	Part Numbers	Energy per Cycle in lbs (Nm)	Energy per Hour in lbs/hour (Nm/hour)	Shipping Weight lbs (kg)
*MC 1-1/8 x 2-P-589SV	218-9227	10,000 (1,130)	2,400,000 (271,000)	6.65 (3.02)
MC 1-1/8 x 2-P-592GR	218-9228	10,000 (1,130)	2,400,000 (271,000)	6.65 (3.02)

\*MC 1-1/8 x 2-P-589SV will have a slower set-down at the end of stroke (stiffer).

**Rebuild kit available and includes:** viton wiper, viton seal, (2) viton o-rings for inner tube and bearing, piston ring, accumulator deflector and accumulator.

Additional GLASS Shock models available for take out/in, take out/out and blowhead mechanisms. Visit the ACE Controls website or contact ACE direct.

ACE Controls Inc. is focused on continuous improvement.

Therefore, ACE reserves the right to change models, dimensions, or specifications without notice or obligation.

### ⚠ WARNING

IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE PERSONAL OR FATAL INJURY AND/OR PROPERTY DAMAGE.