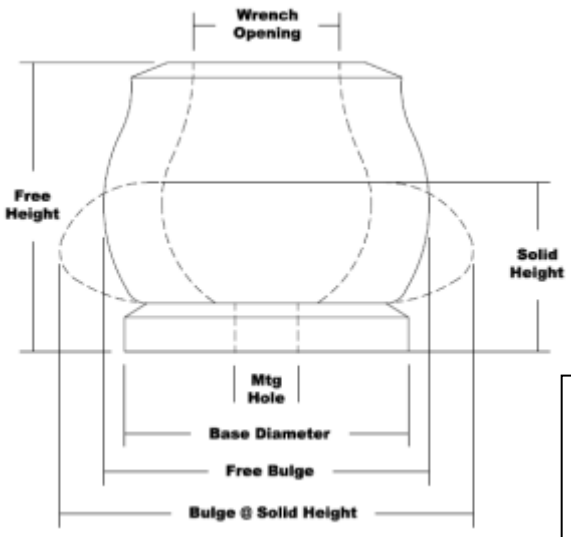
COPOLY Technologies

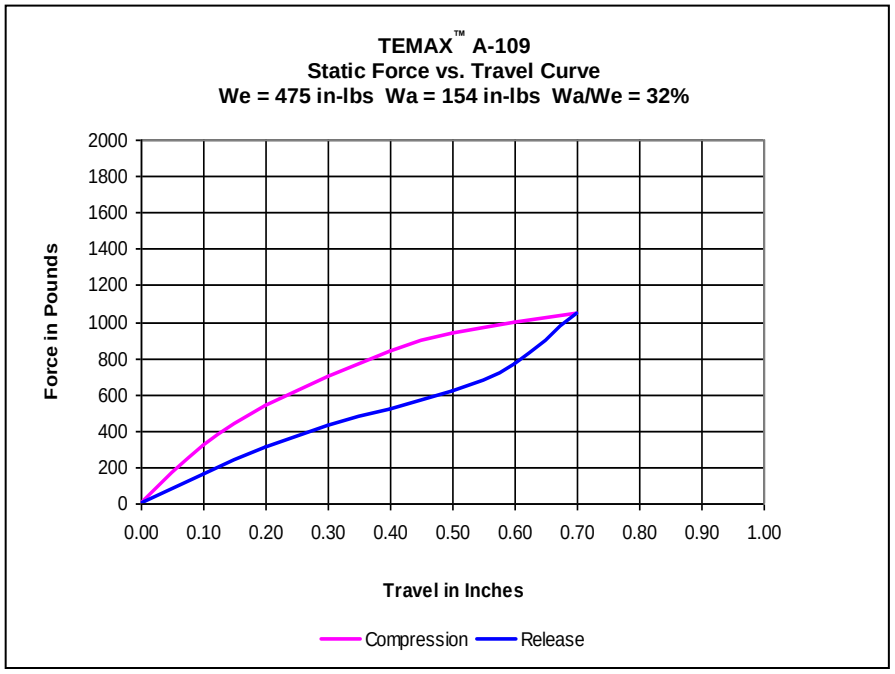
Performance With Impact

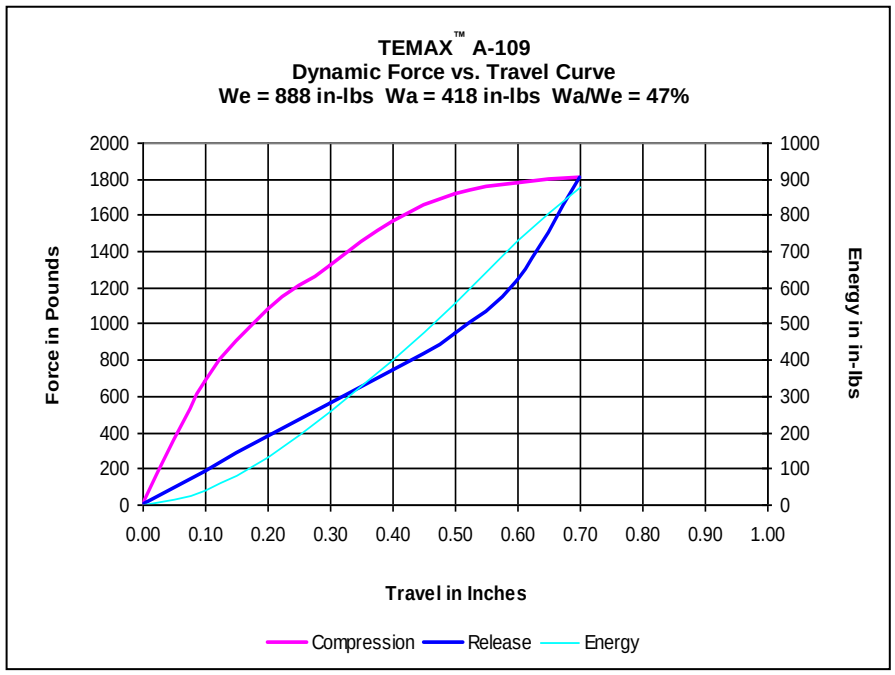
TEMAX™ A-109



This Elastomer bumper is designed with a lower durometer material to achieve a softer rate with lower end load and longer travel. While the Energy Absorption of the Medium Performance A-101 through A-120 series is not as highly optimized as the High Performance A-1 through A-120 series; the TEMAX technology retains the significant Energy Absorption of up to 2 times more than rubber and urethane bumpers. This Axial Bumper series provides a gentler stopping action with significantly lower rebound action. One screw mounts this bumper to any horizontal or vertical surface.

Graphs are illustrative only.





Dynamic Energy (We) is the Energy Capacity of the Bumper with respect to Displacement or Compression of the Bumper

Physical Specifications

Energy Capacity	800 in-lbs
Maximum Force	1900 lbs
Free Height	2.03 ± 0.060 in
Free Bulge	1.99 ± 0.060 in
Wrench Opening	1.12 ± 0.020 in
Base Diameter	1.85 ± 0.030 in
Mounting Hole	0.56 ± 0.020 in
Solid Height	0.99 ± 0.005 in
Bulge @ Solid Height	2.71 ± 0.030 in
Base Thickness	0.30 ± 0.020 in
Weight	2.50 oz
Mounting Screw	1/2-13 SFH CS
Mounting Torque	9 ft-lbs

Typical Applications

Electric Drive Cushion Stops
Rod End Protection on Hydraulic Cylinders
Dampening Elements on Machining Centers
Cushioning Units on Fitness Industry Equipment
Vehicle System Jounce Stops
Air Cylinder Cushion Stops
Cushion Stops on Robotic Arms

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