

# Series *MB, MBW, MBK*,

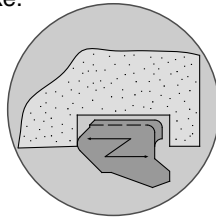
Double acting,  
Single rod

Double acting,  
Double rod

Double acting,  
Non-rotating rod

## Improved cushion capacity

"Floating" cushion seal design eliminates piston rod "bouncing" due to cracking pressure at beginning of stroke.



## Increased kinetic energy absorption

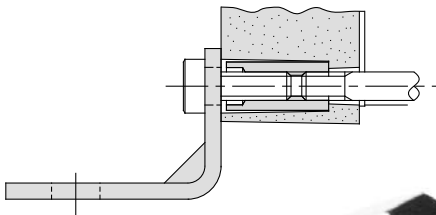
Elevated cushion volume and the adoption of a new cushion seal design permit about 30% more allowable kinetic energy over the CA1 series. In addition, service life of cushion seal is about 5 times greater.

## Compact and lightweight design

The square cover is made more compact than the CA1 series. In addition, die cast covers yield 10 to 25% weight reduction over the CA1 series.

## Accurate mounting

The cylinder cover and mounting bracket with high dimensional accuracy simplifies installation and extends service life.



## Minimal rod deflection

Improved bushing and piston rod dimensional accuracy achieves tighter clearances and reduced piston rod deflection.

