Adjustable Series Hydraulic Shock Absorbers
ECO OEM/OEMXT/OEM Large Bore Series

Adjustment Techniques

After properly sizing the shock absorber, the useable range of adjustment settings for the application can be determined:

1. Locate the intersection point of the application's impact velocity and the selected model graph line.
2. The intersection is the **maximum** adjustment setting to be used. Adjustments exceeding this maximum suggested setting could overload the shock absorber.
3. The useable adjustment setting range is from the 0 setting to the **maximum** adjustment setting as determined in step 2.

Example: OEM 1.25 x 1

1. Impact Velocity: 40 in./sec.
2. Intersection Point: Adjustment Setting 5
3. Useable Adjustment: Setting Range 0 to 5

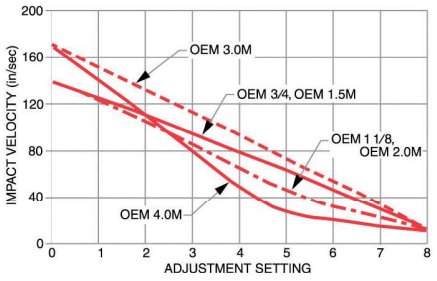
Example: (LR)OEMXT 1⅛ x 2

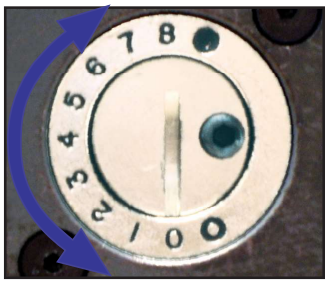
1. Impact Velocity: 20 in./sec.
2. Intersection Point: Adjustment Setting 3
3. Useable Adjustment: Setting Range 0 to 3

Useable Adjustment Setting Range

Position 0 provides minimum damping force.
Position 8 provides maximum damping force.

OEMXT Large

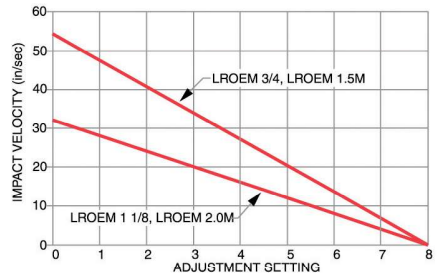




180° adjustment with setscrew locking. OEMXT 3.0M – OEM 4.0M

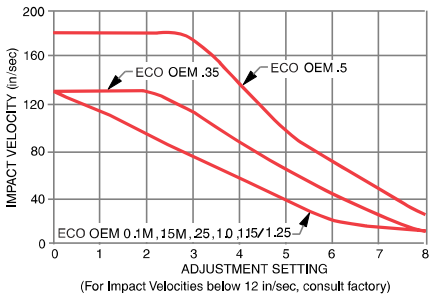
360° adjustment with setscrew locking. OEMXT ¾ and OEMXT 1 ⅛ OEMXT 1.5M and OEMXT 2.0M

(LR)OEMXT Large



360° adjustment with setscrew locking
(LR)OEMXT ¾ and (LR)OEMXT 1 ⅛
(LR)OEMXT 1.5M and (LR)OEMXT 2.0M

ECO OEM Small Series

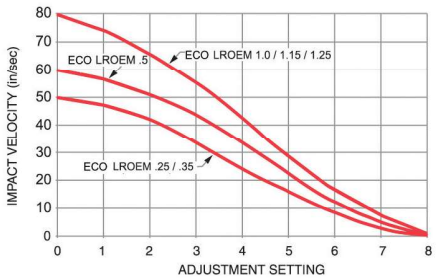


(For Impact Velocities below 12 in/sec, consult factory)

180° adjustment with setscrew locking
ECO OEM 0.1M - ECO OEM .5

360° adjustment with setscrew locking
ECO OEM 1.0

ECO (LR)OEM Small Series



180° adjustment with setscrew locking
ECO (LR)OEM 0.15M - (LR)OEM .5

360° adjustment with setscrew locking
ECO (LR)OEM 1.0