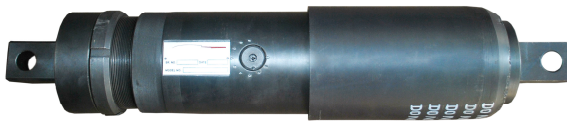




A complete range of Shock absorbers ranging from 5 NM to 50 NM.

### **Specially developed Shock Absorber.**

- 1- Clevis Mounting
- 2- Suitable for Out Door Operation.
- 3- Damping Variable.
- 4- Available in different sizes and capacities.
- 5- Nitrided wear parts.
- 6- Poly Urethane Seals.



### **Custom Built Heavy Duty.**

- 1- Heavy duty.
- 2- Poly Urethane Sealing
- 3- Adjustable Orifices sizes
- 4- Foot and Flange Mountings available.
- 5- Anti corrosive Black Finish



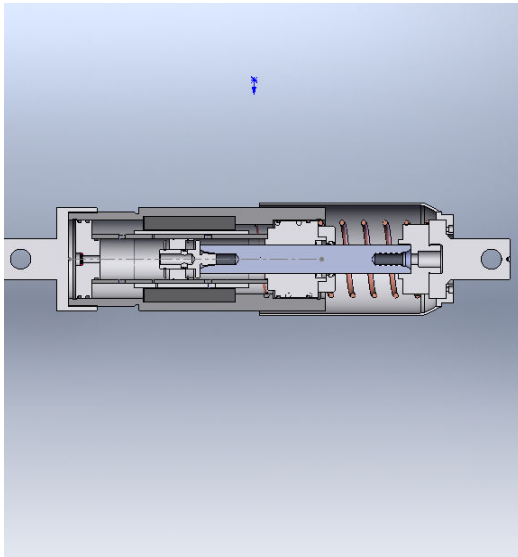
### **Shock Absorber for Crane.**

- 1- Heavy Duty Shock absorber utilizing concept of Elastomer Oil
- 2- Anti Corrosive Finish.
- 3- Specially developed for Steel Industry.



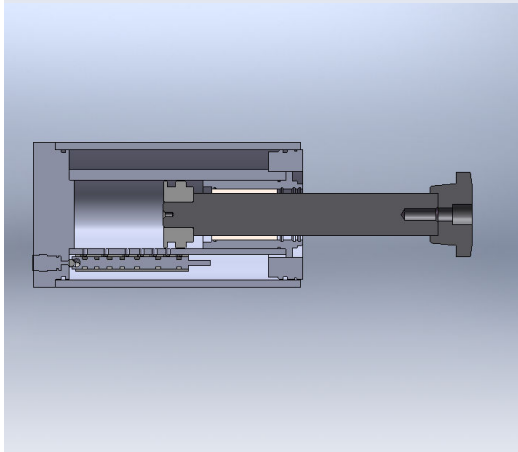
### **Specially developed Shock Absorber**

Featuring the adjustable shock absorber. The shock absorber is a single acting shock absorber with telescopic tubes that guide the piston. The shock is transmitted via the clevis mounting through the rod and pressure is built in the cylinder as shown. The size of the orifice is governed by a cam on the exterior of the shock absorber. The hardness or the Damping Force is adjustable. The shock absorber is sealed for life and has an anti corrosive treatment on the exterior.



### **Custom Built Heavy Duty.**

With a need to dampen heavy objects progressively with a smooth deceleration the need of this kind of shock absorber arises. The featured shock absorber has a damping chamber with orifices on the outside diameter of the cylinder in the axial direction. The sizes of the orifices are controlled by a spool. The placing and the sizing of the orifices define a smooth damping curve. A Nitrided exterior with a polyurethane sealing gives a higher service life to these shock absorbers.



### **Shock Absorber for Crane.**

The Demand of a High Energy Absorption to Weight Ratio led to the development of a shock absorber. The shock absorber uses unique concept of damping by flow through variable orifice as well as energy absorption by compression of the specially blended Compressible Oil. The reset of the rod is by a nitrogen gas cylinder as shown. A large cross section of the rod also accounts for a sturdier construction and stable basic structure. Different capacities ranging from 100 NM to 100 KNM can be designed , fabricated and tested with damping curves as desired by the customer.

