

FLUIDICSHOKS®

Specifications: H-SERIES Heavy Duty Fluidicshoks®

- All design features of M-Series Fluidicshoks®
- Totally enclosed piston rod.
- Choice of internal coil spring or internal liquid spring reset.
- Standard operating temperature range -40 degrees F to +160 degrees F.
- Storage temperature range -80 degrees F to +210 degrees F.
- Optional operating temperature range -70 degrees F to +300 degrees F.
- No external bottoming stops required.

Ordering Notes:

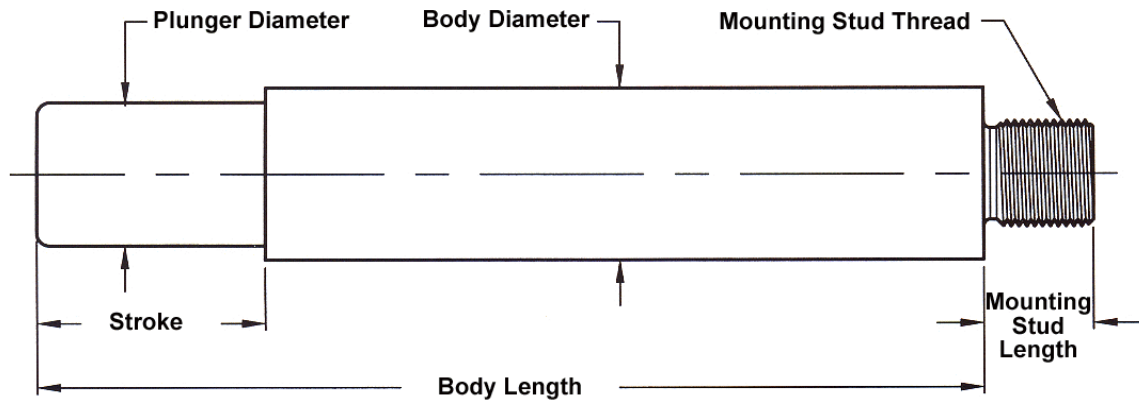
All H-Series Shock Absorbers are custom orificed. Input energy can be from 10% to 100% of capacity listed, at speeds from 10 in/sec. to 150 in/sec.

Specify: Model and calculated energy input at maximum velocity, and type of reset system.

Example: 1-1/2 x 2 HS, 12,800 in-lb. at 70 in/sec. with liquid spring reset.

For sizing assistance, consult factory.

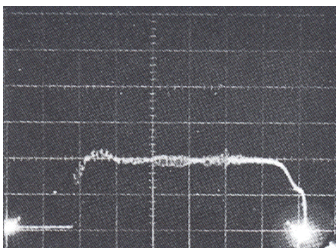
1 Model	3/4 x 1/2 HS	3/4 x 1 HS	1 x 1 HS	1 x 2 HS	1-1/4 x 1 HS	1-1/4 x 2 HS	1-1/2 x 2 HS	1-1/2 x 3 HS
2 Energy Capacity (in-lbs.)	480	960	2,000	4,000	4,000	8,000	12,800	19,200
3 Shock Force (lbs.)	1,200	1,200	2,500	2,500	5,000	5,000	8,000	8,000
4 Stroke (in.)	.50	1.00	1.00	2.00	1.00	2.00	2.00	3.00
5 Plunger Diameter (in.)	.56	.56	.81	.81	1.09	1.09	1.35	1.35
6 Body Length (in.)	3.12	4.62	5.00	8.00	5.25	8.25	8.75	11.75
7 Body Diameter (in.)	.75	.75	1.00	1.00	1.37	1.37	1.62	1.62
8 Mounting Stud Thread	3/8-24	3/8-24	1/2-20	1/2-20	3/4-16	3/4-16	1-14	1-14
9 Mounting Stud Length	.38	.38	.50	.50	.75	.75	1.00	1.00



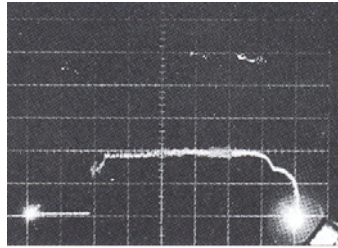
TYPICAL SHOK CURVES OF TAYLOR FLUIDICSHOKS®

Without: Shok Tubes # Metering Pins # Pressure Responsive Valves

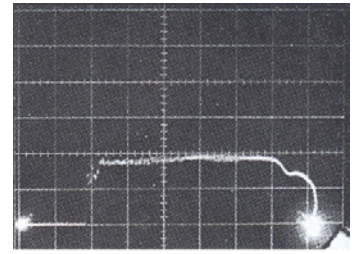
For Constant Force



-40 Degrees F



70 Degrees F



200 Degrees F

Actual Output Photographs of Taylor Fluidicshoks®