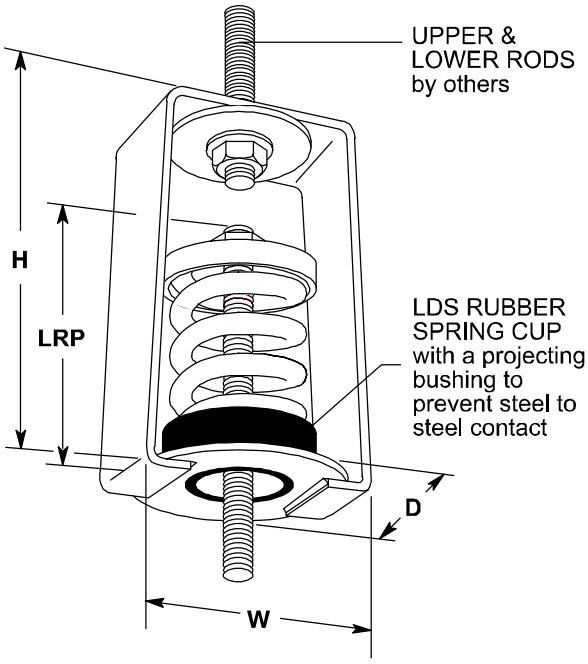
**MASON INDUSTRIES, Inc.**
*Manufacturers of Vibration Control Products*
350 Rabro Drive, Hauppauge, NY 11788, 631/348-0282, FAX 631/348-0279, Info@Mason-Ind.com
2101 W. Crescent Ave., Suite D, Anaheim, CA 92801, 714/535-2727, FAX 714/535-5738, Info@MasonAnaheim.com
www.Mason-Ind.com

JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

# HS

**1"(25mm)Defl. X & A Spring Series Hangers**




**LDS** stands for **L**ow **D**ynamic **S**tiffness Bridge Bearing Natural Rubber to minimize noise and vibration transmission.

## TYPE HS RATINGS

| Size | Rated Capacity (lbs) | (kg) | Rated Defl. (in) | (mm) | Spring Constant (lbs/in) | (kg/mm) | Spring Color |
|---|---|---|---|---|---|---|---|
| HS-X-12 | 12 | 5 | 1.25 | 32 | 10 | 0.18 | Orange |
| HS-X-23 | 23 | 10 | 1.30 | 33 | 18 | 0.3 | Brown |
| HS-X-33 | 33 | 15 | 1.10 | 28 | 30 | 0.5 | Red |
| HS-X-54 | 54 | 25 | 1.20 | 31 | 45 | 0.8 | White |
| HS-X-76 | 76 | 35 | 1.02 | 26 | 73 | 1.3 | Black |
| HS-X-113 | 113 | 51 | 1.00 | 25 | 113 | 2.0 | Yellow |
| HS-X-130 | 130 | 59 | 1.00 | 25 | 130 | 2.3 | Purple |
| HS-X-175 | 175 | 79 | 1.00 | 25 | 175 | 3.1 | Silver |
| HS-X-210 | 210 | 95 | 1.00 | 25 | 210 | 3.8 | Blue |
| HS-A-12 | 12 | 5 | 1.00 | 25 | 12 | 0.2 | Red |
| HS-A-18 | 18 | 8 | 1.00 | 25 | 18 | 0.3 | Gray |
| HS-A-25 | 25 | 11 | 1.00 | 25 | 25 | 0.4 | Orange |
| HS-A-41 | 41 | 19 | 1.18 | 30 | 35 | 0.6 | Pink |
| HS-A-56 | 56 | 25 | 1.14 | 29 | 49 | 0.9 | Black |
| HS-A-73 | 73 | 33 | 1.06 | 27 | 69 | 1.2 | Tan |
| HS-A-95 | 95 | 43 | 1.01 | 26 | 94 | 1.7 | Green |
| HS-A-45 | 45 | 20 | 1.60 | 41 | 28 | 0.5 | Blue |
| HS-A-75 | 75 | 34 | 1.50 | 38 | 50 | 0.9 | Orange |
| HS-A-125 | 125 | 57 | 1.33 | 34 | 94 | 1.7 | Brown |
| HS-A-200 | 200 | 91 | 1.15 | 29 | 174 | 3.1 | Black |
| HS-A-310 | 310 | 141 | 1.00 | 25 | 310 | 5.5 | Yellow |
| HS-A-400 | 400 | 182 | 1.00 | 25 | 400 | 7.2 | Green |
| HS-A-510 | 510 | 232 | 1.00 | 25 | 510 | 9.1 | Red |
| HS-A-625 | 625 | 284 | 1.00 | 25 | 625 | 11.2 | White |

All springs have additional travel to solid equal to 50% of Rated Deflection.

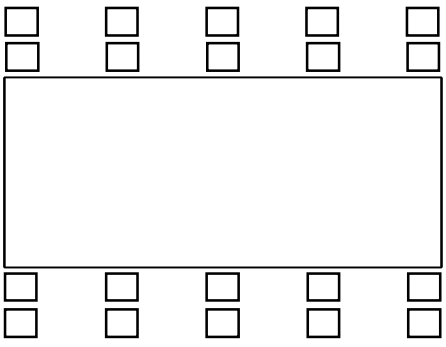
## TYPE HS DIMENSIONS

| Size Range | D (in) | D (mm) | H (in) | H (mm) | W (in) | W (mm) | LRP (in) | LRP (mm) | MRD (in) | MRD (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| HS-X-12-210 | 2 1/2 | 64 | 4 1/4 | 108 | 2 7/8 | 73 | 3 1/2 | 89 | 3/8 | 10 |
| HS-A-12-25 | 2 3/4 | 70 | 5 3/4 | 146 | 3 1/4 | 83 | 3 1/2 | 89 | 5/8 | 16 |
| HS-A-41-95 | 2 3/4 | 70 | 5 3/4 | 146 | 3 1/4 | 83 | 4 | 102 | 5/8 | 16 |
| HS-A-45-125 | 2 3/4 | 70 | 5 3/4 | 146 | 3 1/4 | 83 | 4 | 102 | 5/8 | 16 |
| HS-A-200-625 | 2 3/4 | 70 | 5 3/4 | 146 | 3 1/4 | 83 | 4 | 102 | 5/8 | 16 |

LRP - Lower Rod Penetration
MRD - Maximum Rod Diameter

## PLAN VIEW OF HANGER LOCATIONS

TAG : _____
UNIT : _____



_____ **SPECIFIED DEFLECTION**

| | |
|---|---|
| 1 : | 6 : |
| 2 : | 7 : |
| 3 : | 8 : |
| 4 : | 9 : |
| 5 : | 10 : |
| Sets Required: | |

| Certification Form S-683 04/2009 | DWN: | CHKD: | DATE: | DWG. No. |
|---|---|---|---|---|