



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

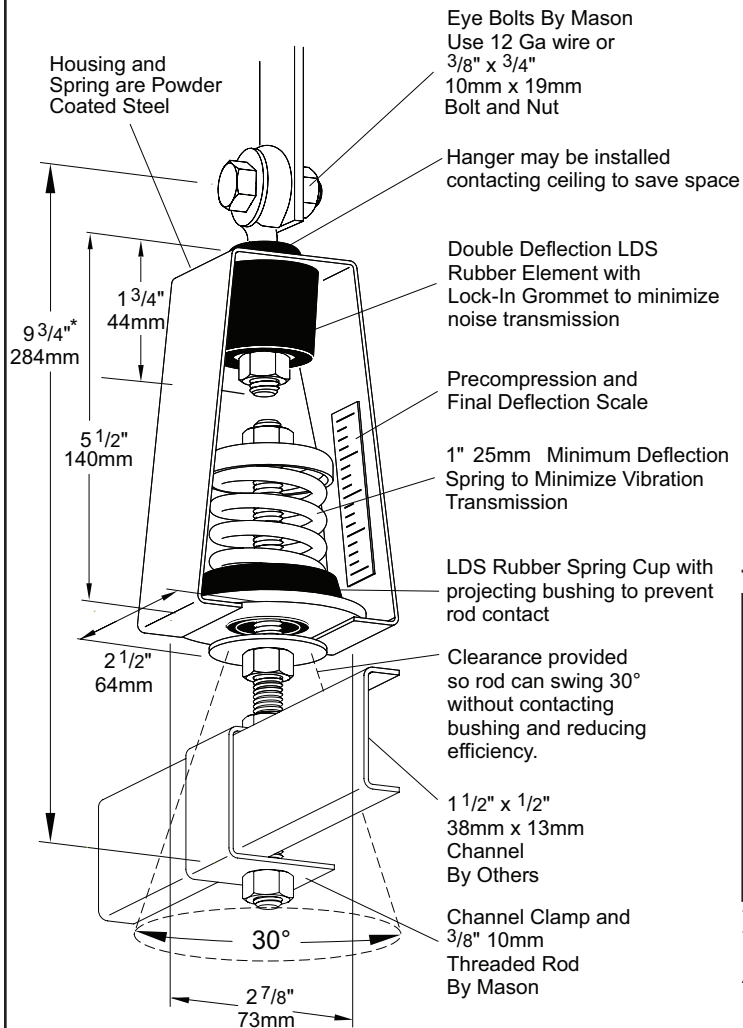
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

W30NCC

Precompressed
30N Hanger with top
Eye Bolt and
Ceiling Channel
Clamp



* Hangers are precompressed to 70% of assigned load. When full load is applied, gap opens between precompression washer and housing. These dimensions are overall heights when fully loaded. For longer lengths, consult factory.

LDS stands for **Low Dynamic Stiffness** AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

| ORIGINAL PHYSICAL PROPERTIES | | | TESTED FOR AGING | | | COMPRES- | LONG |
|------------------------------|----------------|----------------|-------------------------|----------------|----------------|---|---------|
| | | | OVEN AGING(70hrs/158°F) | | OZONE | SION SET | TERM |
| Tests: ASTM D-2240 & D-412 | | | ASTM D-573 | | ASTM D-1149 | ASTM D-395 | CREEP |
| Duro- | Tensile | Elongat. | Hard- | Tensile | Elongat. | 25 pphm in air by Vol. 20% Strain 100°F | ISO8013 |
| meter Shore A | Strength (min) | at Break (min) | ness (max) | Strength (max) | at Break (max) | | |
| 40±5 | 2000 psi | 500% | +10% | -25% | -25% | No Cracks | 5%(max) |
| 50±5 | 2250 psi | 450% | +10% | -25% | -25% | No Cracks | 5%(max) |
| 60±5 | 2250 psi | 400% | +10% | -25% | -25% | No Cracks | 5%(max) |
| 70±5 | 2250 psi | 300% | +10% | -25% | -25% | No Cracks | 5%(max) |

NOTE: AASHTO does not spec 40 Duro. 40 Duro by Mason.

TYPE W30NCC RATINGS

| Size | Rated Capacity | | Rated Deflection† | | Spring Constant†† | | Avg. LDS Deflection | Spring Color |
|------|----------------|------|-------------------|------|-------------------|---------|---------------------|--------------|
| | (lbs) | (kg) | (in) | (mm) | (lbs/in) | (kg/mm) | (in) (mm) | |
| 12 | 12 | 5 | 1.45 | 37 | 10 | 0.18 | 0.20 5 | Orange |
| 23 | 23 | 10 | 1.50 | 38 | 18 | 0.30 | 0.20 5 | Brown |
| 33 | 33 | 15 | 1.30 | 33 | 30 | 0.54 | 0.20 5 | Red |
| 54 | 54 | 24 | 1.40 | 36 | 45 | 0.80 | 0.20 5 | White |
| 76 | 76 | 34 | 1.22 | 31 | 73 | 1.36 | 0.20 5 | Black |
| 113 | 113 | 51 | 1.20 | 30 | 113 | 2.04 | 0.20 5 | Yellow |
| 130 | 130 | 59 | 1.20 | 30 | 130 | 2.36 | 0.20 5 | Purple |
| 175 | 175 | 79 | 1.20 | 30 | 175 | 3.16 | 0.20 5 | Silver |
| 210 | 210 | 95 | 1.20 | 30 | 210 | 3.80 | 0.20 5 | Blue |

† includes double deflection LDS Rubber element.

†† applies to spring only.

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

NOTE: Standard sizes shown.
For heavier capacities, consult factory.

MASON LAYOUT DRAWING NO. _____

| SIZE | QTY. | TAG |
|------|------|-----|
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