MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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JOB NAME _____

CUSTOMER _____

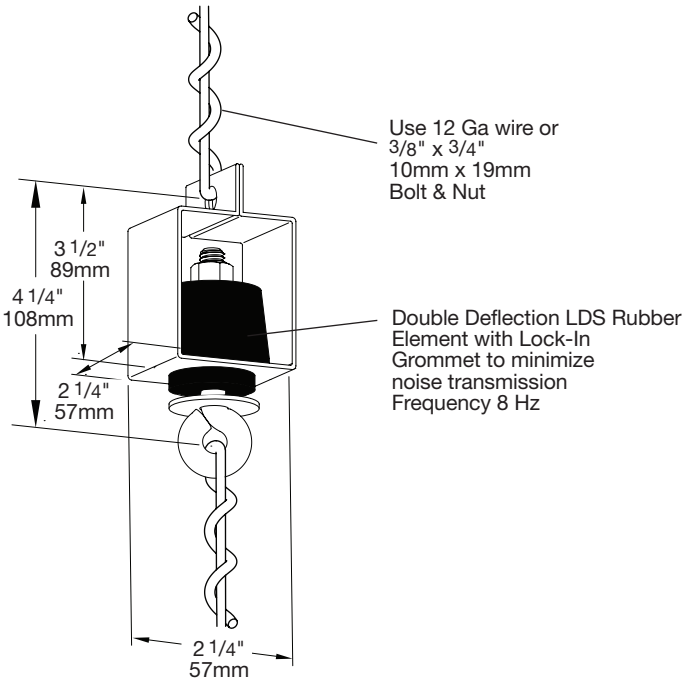
CUSTOMER P.O. _____

MASON M. _____

DWG No. _____

WHD

Double Deflection LDS Rubber Element with Upper Attachment Hole and Eye Bolt



LDS stands for **L**ow **D**ynamic **S**tiffness AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

TYPE WHD RATINGS

Size	Durometer	Rated Capacity Range (lbs)	Rated Capacity Range (kg)	Max. Rated Deflection (in)	Max. Rated Deflection (mm)
A-Green	40	20 - 50	9 - 23	0.35	9
A-Red	50	40 - 90	18 - 42	0.35	9
A-White	60	80 - 180	36 - 82	0.35	9

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

AASHTO Bridge Bearing Natural Rubber Specifications

ORIGINAL PHYSICAL PROPERTIES			TESTED FOR AGING				COMPRESSION SET	LONG TERM CREEP
			OVEN AGING(70hrs/158°F)			OZONE		
Tests: ASTM D-2240 & D-412			ASTM D-573			ASTM D-1149	ASTM D-395	ISO8013
Durometer Shore A	Tensile Strength (min)	Elongat. at Break (min)	Hardness (max)	Tensile Strength (max)	Elongat. at Break (max)	25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	168hrs
40±5	2000 psi	500%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)
50±5	2250 psi	450%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)
60±5	2250 psi	400%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)
70±5	2250 psi	300%	+10%	-25%	-25%	No Cracks	25%(max)	5%(max)

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

MASON LAYOUT DRAWING NO. _____

SIZE	QTY.	TAG

Certification Form S-674 06/2009	DWN	CHKD	DATE	DWG No.