



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

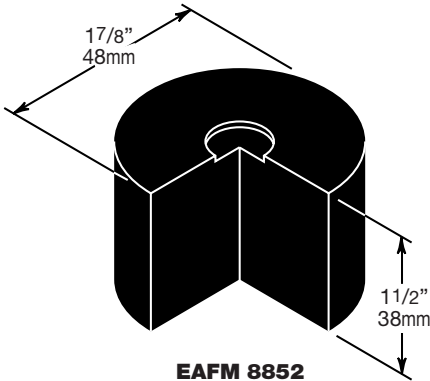
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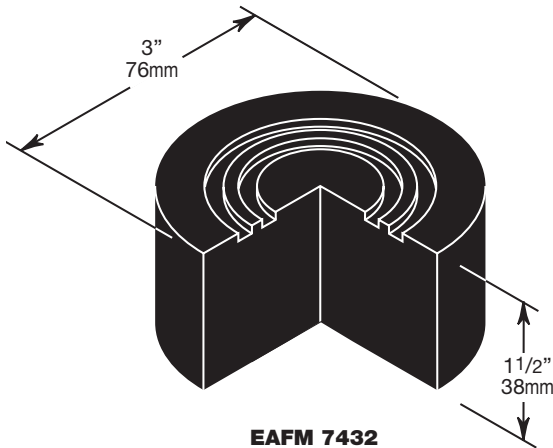
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

8852 & 7432
Elastomeric
Acoustical
Floor Mounts



EAFM 8852



EAFM 7432

Material:

LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

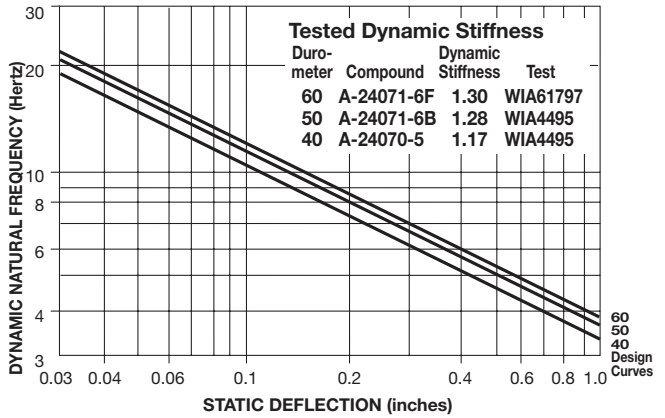
LDS stands for **Low Dynamic Stiffness** AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

Mounts are designed for 0.225" 5.7mm maximum deflection under constant load.

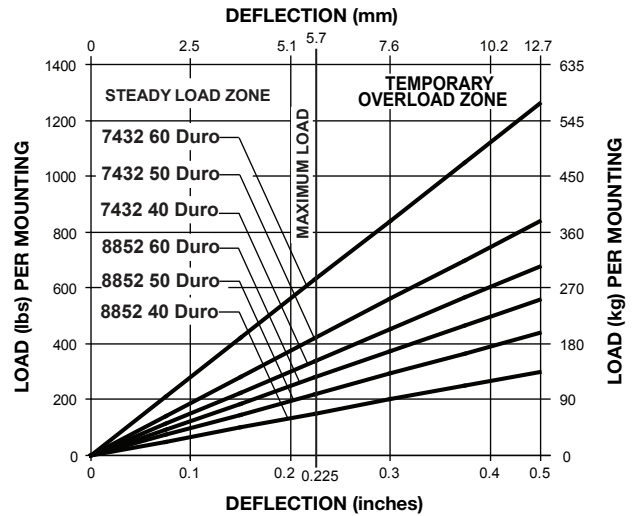
Temporary loading may greatly exceed these numbers without damage or permanent set.

Mason Layout Drawing:

MASON LOW DYNAMIC STIFFNESS (LDS) BRIDGE BEARING NATURAL RUBBER DYNAMIC NATURAL FREQUENCY/DEFLECTION CHART



LOAD DEFLECTION CURVES



AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTED FOR AGING			COMPRESSION SET	LONG TERM CREEP
Duro-meter	Tensile Strength	Elongat. at Break	OVEN AGING (70hrs/158°F)	ASTM D-573	ASTM D-1149		
40±5	2000 psi	500%	+10%	-25%	-25%	25% (max) 22hrs/158°F Method B	5% (max) ISO8013 168hrs
50±5	2250 psi	450%	+10%	-25%	-25%		
60±5	2250 psi	400%	+10%	-25%	-25%		
70±5	2250 psi	300%	+10%	-25%	-25%		

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

EAFM Designation & Color	Durometer ±5	0.075" 1.9mm Deflection		0.150" 3.8mm Deflection		0.225" 5.7mm Deflection		Temporary Overload* 3X Maximum Loading
		Loading lbs. kgs.	Frequency Hz	Loading lbs. kgs.	Frequency Hz	Loading lbs. kgs.	Frequency Hz	
8852	Green 40	50 23	12.4	100 45	8.7	150 68	7.1	450 205
	Red 50	73 33	12.9	145 66	9.1	220 100	7.5	660 300
	White 60	113 51	13.0	225 102	9.2	340 155	7.6	1020 465
7432	Green 40	93 42	12.4	185 84	8.7	280 127	7.1	840 380
	Red 50	139 63	12.9	277 126	9.1	420 191	7.5	1260 570
	White 60	208 95	13.0	416 189	9.2	630 286	7.6	1890 860

*Temporary overload is often mentioned in specifications. We have tested mountings compressed to 50% of their initial thickness. After release there was no permanent set or damage.