



# MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

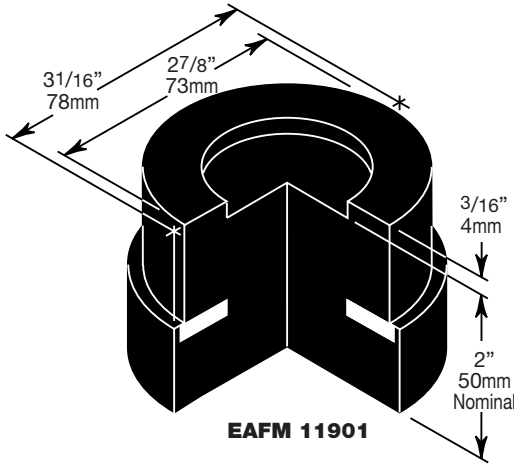
350 Rabro Drive  
Hauppauge, NY 11788  
631/348-0282  
FAX 631/348-0279  
Info@Mason-Ind.com

2101 W. Crescent Ave., Suite D  
Anaheim, CA 92801  
714/535-2727  
FAX 714/535-5738  
Info@MasonAnaheim.com  
www.Mason-Ind.com

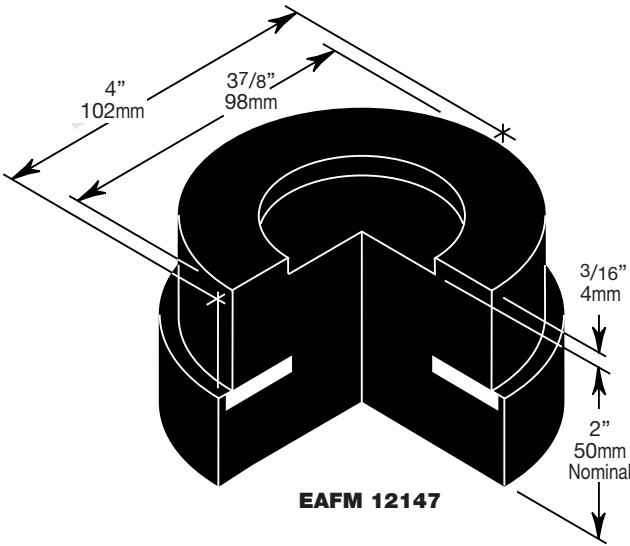
JOB NAME \_\_\_\_\_  
 CUSTOMER \_\_\_\_\_  
 CUSTOMER P.O. \_\_\_\_\_  
 MASON M. \_\_\_\_\_  
 DWG No. \_\_\_\_\_

# EAFM

11901 & 12147  
Elastomeric  
Acoustical  
Floor Mounts



**EAFM 11901**



**EAFM 12147**

**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 0.3" 7.6mm maximum deflection under constant load.

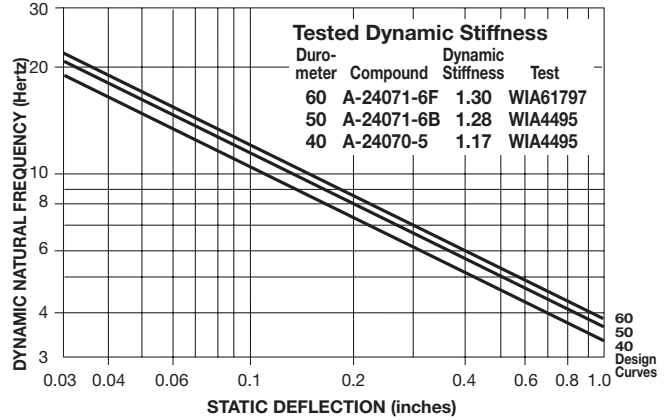
Temporary loading may greatly exceed these numbers without damage or permanent set.

Mason Layout Drawing:

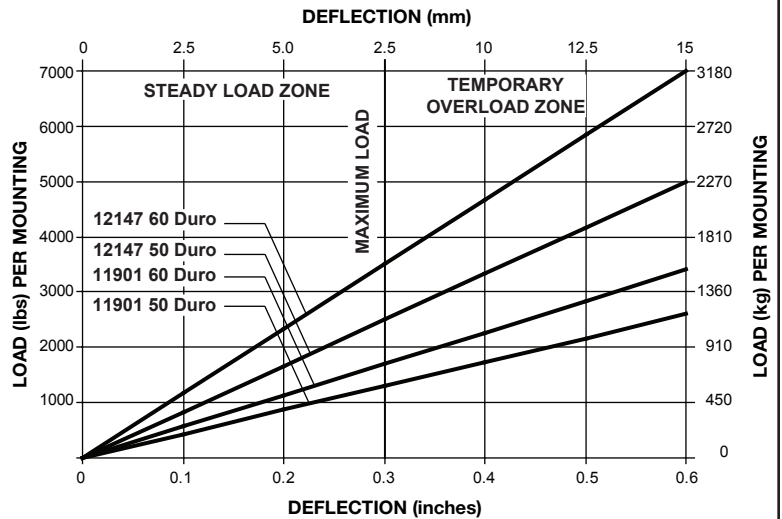
EAFM Designation & Color	Durometer ±5	0.1" 2.5mm Deflection		0.2" 5.1mm Deflection		0.3" 7.6mm Deflection		Temporary Overload* 3X Maximum Loading				
		lbs.	kgs.	Hz	lbs.	kgs.	Hz	lbs.	kgs.			
11901	Red 50	368	167	11.2	735	333	7.9	1100	499	6.4	3300	1497
	White 60	520	236	11.3	1040	472	8.0	1550	703	6.5	4650	2109
12147	Red 50	667	303	11.2	1335	606	7.9	2000	907	6.4	6000	2722
	White 60	1075	488	11.3	2150	975	8.0	3200	1451	6.5	9600	4354

\*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.

**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			COMPRES- SION SET	LONG TERM CREEP	
Tests: ASTM D-2240 & D-412		OVEN AGING(70hrs/158°F) ASTM D-573			ASTM D-1149	ASTM D-395	
Duro- meter	Tensile Strength at Break (min)	Elongat. (min)	Hard- ness (max)	Tensile Strength at Break (max)	Elongat. (max)	25 pphm in air by Vol. 20% Strain 100°F 22hrs/158°F Method B	ISO8013 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.