



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

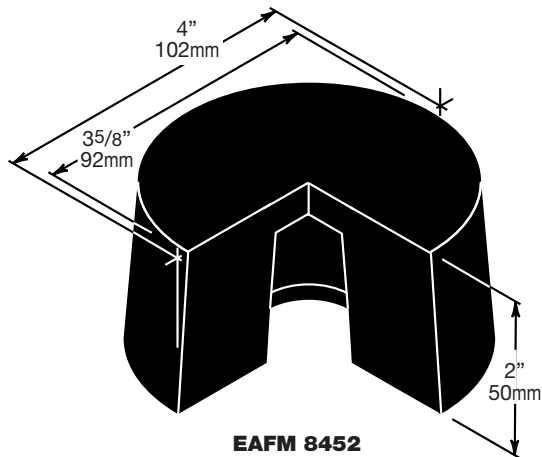
350 Rabro Drive
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Info@Mason-Ind.com

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Anaheim, CA 92801
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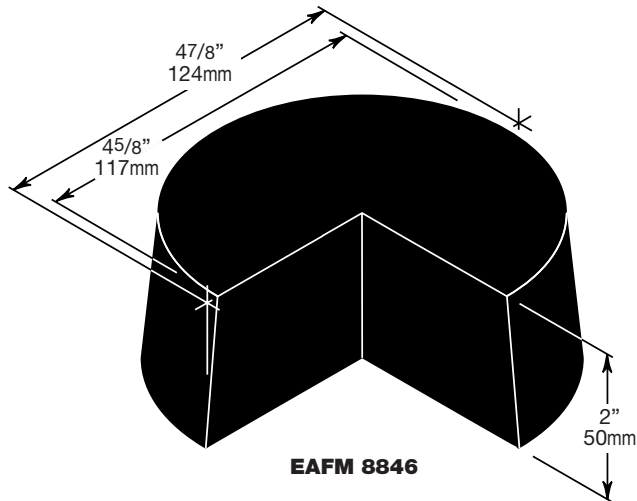
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

8452 & 8846
Elastomeric
Acoustical
Floor Mounts

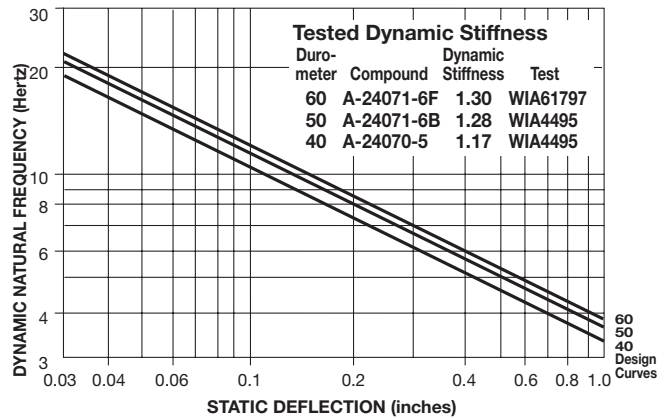


EAFM 8452

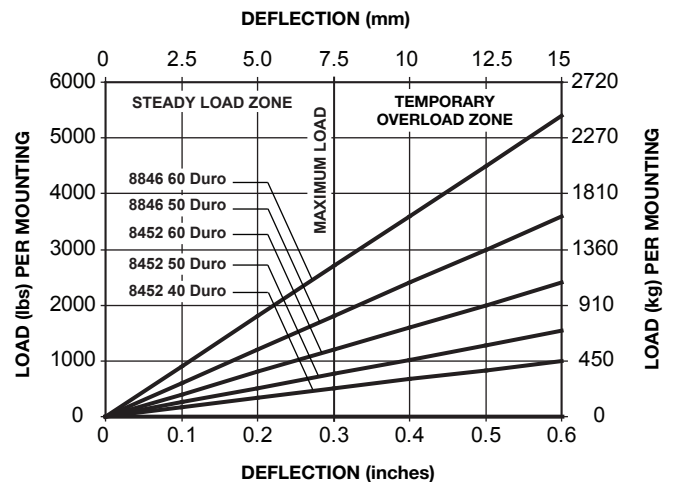


EAFM 8846

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



LOAD DEFLECTION CURVES



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.

AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTED FOR AGING			COMPRESSION SET	LONG TERM CREEP	
Tests: ASTM D-2240 & D-412			OVEN AGING(70hrs/158°F)		OZONE			
Duro-meter	Tensile Strength	Elongat. at Break	Hard-ness	Tensile Strength	Elongat. at Break	ASTM D-1149	ASTM D-395	ISO8013
Shore A	(min)	(min)	(max)	(max)	(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:

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.	
			Loading lbs.	kgs.	Frequency Hz	Loading lbs.	kgs.	Frequency Hz	Loading lbs.	kgs.	Frequency Hz		
8452	Green	40	167	76	10.7	333	151	7.6	500	227	6.2	1500	681
	Red	50	256	116	11.2	513	233	7.9	770	350	6.4	2310	1050
	White	60	400	182	11.3	800	364	8.0	1200	545	6.5	3600	1636
8846	Red	50	600	273	11.2	1200	545	7.9	1800	818	6.4	5400	2454
	White	60	900	409	11.3	1800	817	8.0	2700	1227	6.5	8100	3681

*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 INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

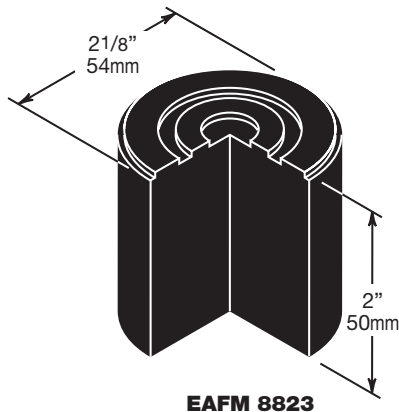
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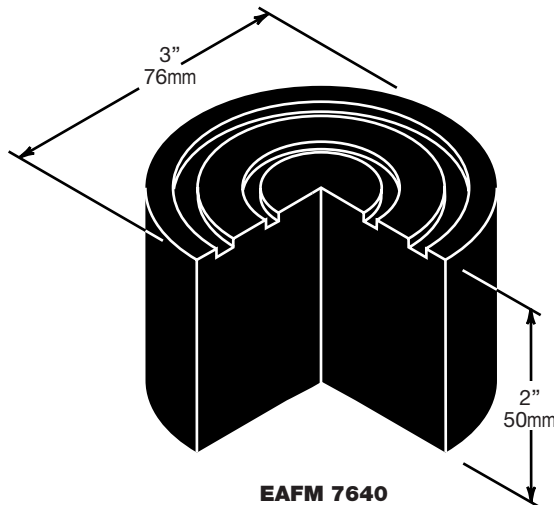
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

8823 & 7640
Elastomeric
Acoustical
Floor Mounts



EAFM 8823



EAFM 7640

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.

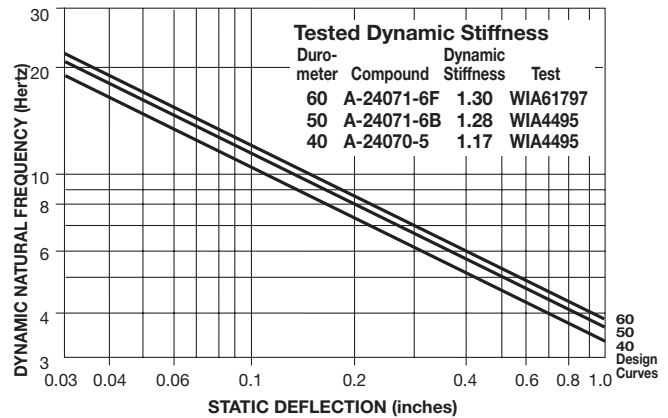
Temporary loading may greatly exceed these numbers without damage or permanent set.

Mason Layout Drawing:

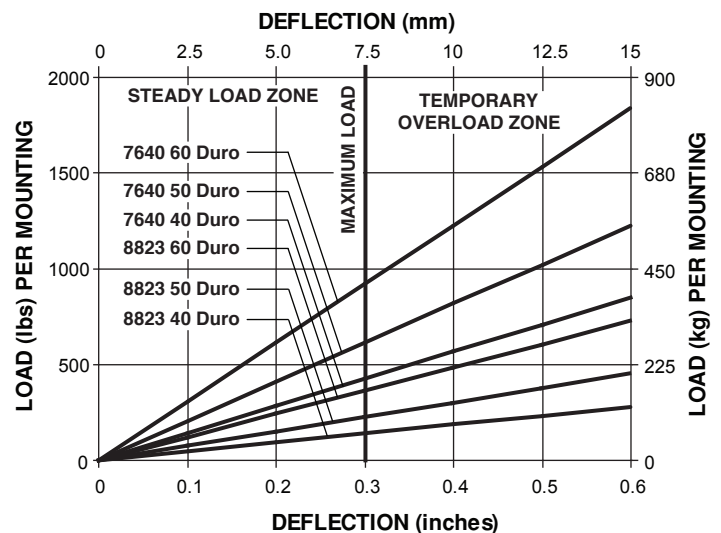
EAFM Designation & Color	Durometer ±5	0.1" 2.5mm Deflection			0.2" 5.1mm Deflection			0.3" 7.6mm Deflection			Temporary Overload* 3X Maximum Loading	
		lbs.	kgs.	Hz	lbs.	kgs.	Hz	lbs.	kgs.	Hz	lbs.	kgs.
8823	Green	40	48	22	10.7	97	44	7.6	145	66	435	197
	Red	50	80	36	11.2	160	73	7.9	240	109	720	327
	White	60	120	54	11.3	240	109	8.0	360	163	1080	490
7640	Green	40	140	64	10.7	280	127	7.6	420	191	1260	572
	Red	50	200	92	11.2	400	181	7.9	600	272	1800	816
	White	60	300	136	11.3	600	273	8.0	900	409	2700	1225

*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			COMPRESSION SET	LONG TERM CREEP	
Tests: ASTM D-2240 & D-412			OVEN AGING(70hrs/158°F)		OZONE			
Duro-meter	Tensile Strength	Elongat. at Break	Hard-ness	Tensile Strength	Elongat. at Break	ASTM D-1149	ASTM D-395	ISO8013
Shore A	(min)	(min)	(max)	(max)	(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.



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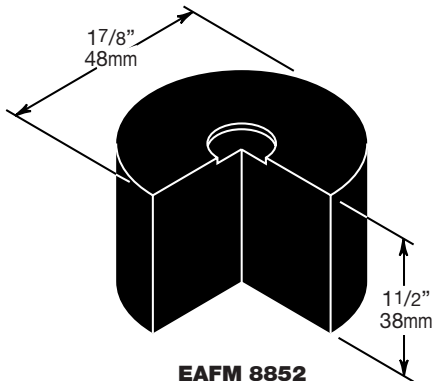
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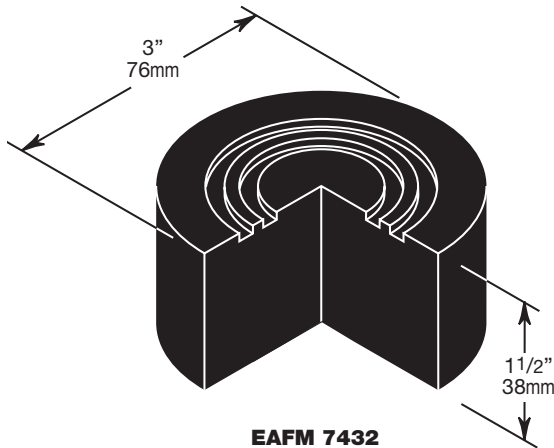
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

8852 & 7432
Elastomeric
Acoustical
Floor Mounts



EAFM 8852



EAFM 7432

Material:

LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

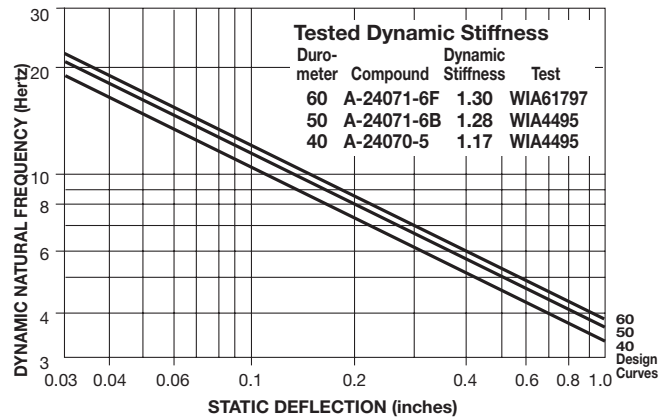
LDS stands for **Low Dynamic Stiffness** AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

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

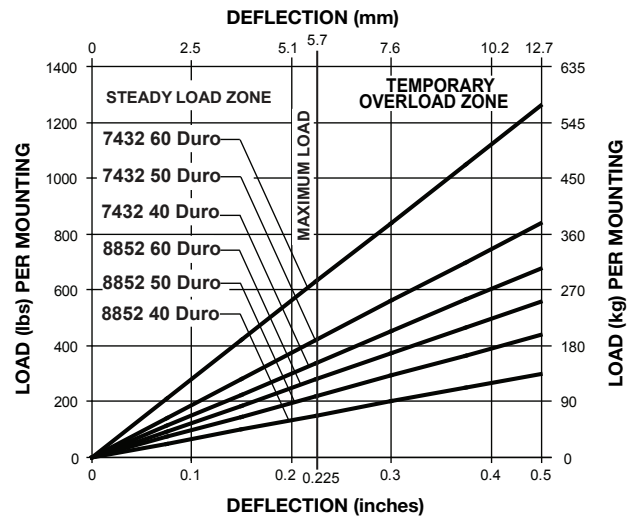
Temporary loading may greatly exceed these numbers without damage or permanent set.

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
Tests: ASTM D-2240 & D-412			OVEN AGING (70hrs/158°F)			ASTM D-395 22hrs/158°F Method B	ISO8013 168hrs
Duro-meter	Tensile Strength	Elongat. at Break	Hard-ness	Tensile Strength	Elongat. at Break		
Shore A	(min)	(min)	(max)	(max)	(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.

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 lbs. kgs.	
			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.



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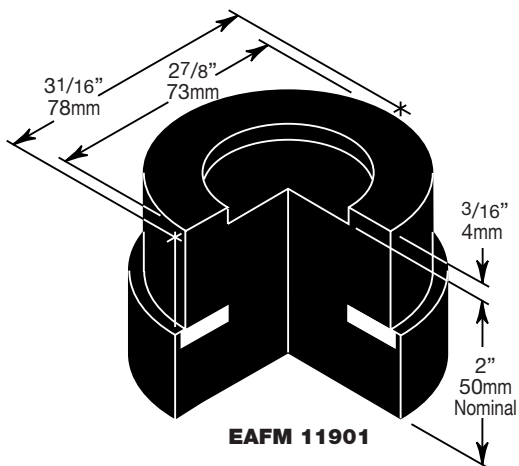
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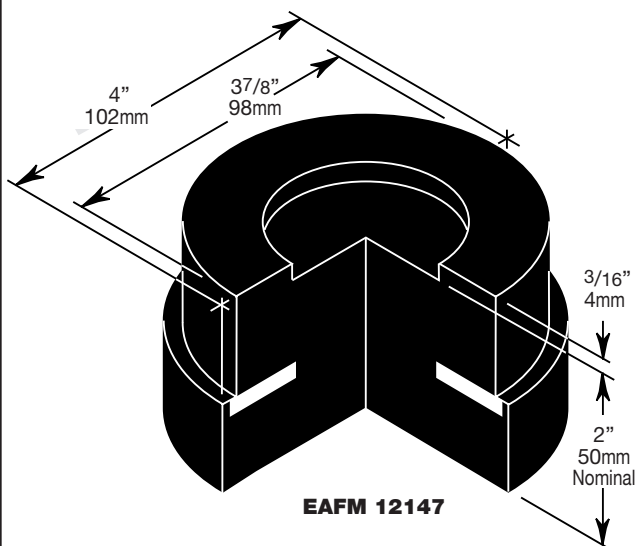
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

11901 & 12147
Elastomeric
Acoustical
Floor Mounts



EAFM 11901



EAFM 12147

Material:

LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

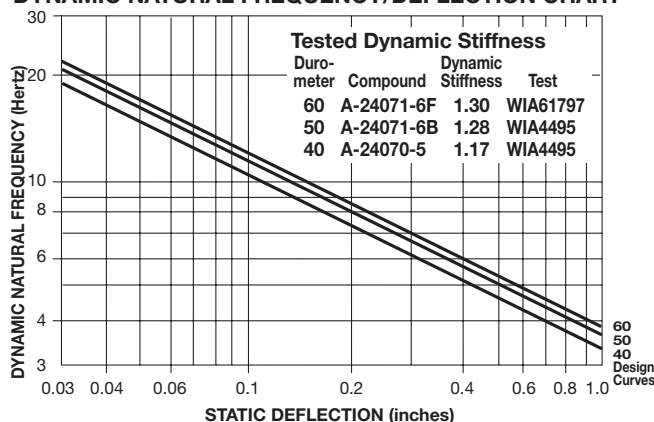
LDS stands for **Low Dynamic Stiffness** AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

Mounts are designed for 0.3" 7.6mm maximum deflection under constant load.

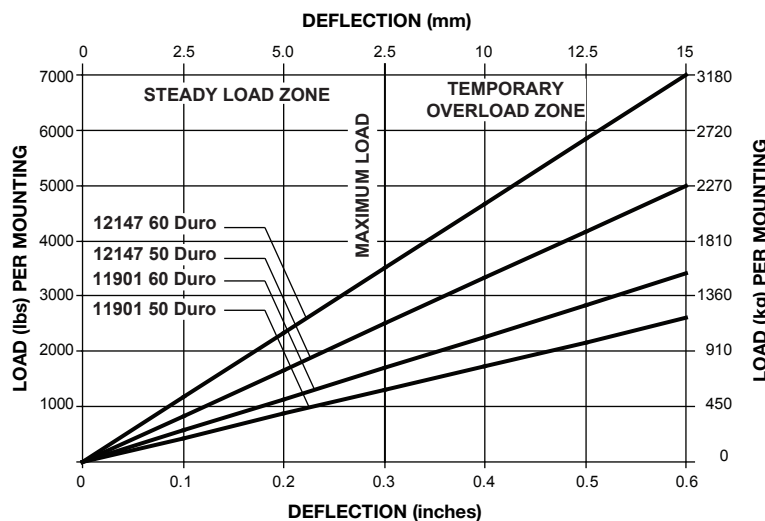
Temporary loading may greatly exceed these numbers without damage or permanent set.

Mason Layout Drawing:

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			ASTM D-573		ASTM D-1149		ASTM D-395	ISO8013
Duro- meter Shore A	Tensile Strength (min)	Elongat. at Break (min)	Hard- ness (max)	Tensile Strength (max)	Elongat. at Break (max)	25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	
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.

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.	Hz	
11901 Red	50	368	167	11.2	735	333	7.9	1100	499	6.4	3300
	60	520	236	11.3	1040	472	8.0	1550	703	6.5	4650
12147 Red	50	667	303	11.2	1335	606	7.9	2000	907	6.4	6000
	60	1075	488	11.3	2150	975	8.0	3200	1451	6.5	9600

*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 INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

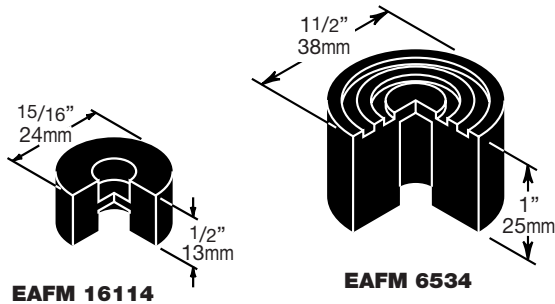
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

16114 & 6534
Elastomeric
Acoustical
Floor Mounts



EAFM 16114

EAFM 6534

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.

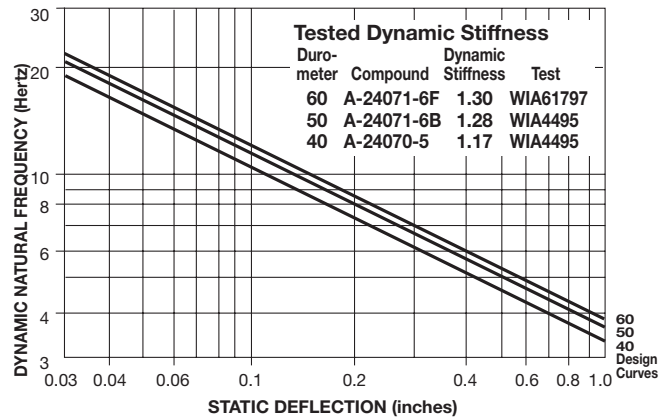
EAFM 16114 Mounts are designed for 0.075" 1.9mm maximum deflection under constant load.

EAFM 6534 Mounts are designed for 0.15" 3.8mm 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

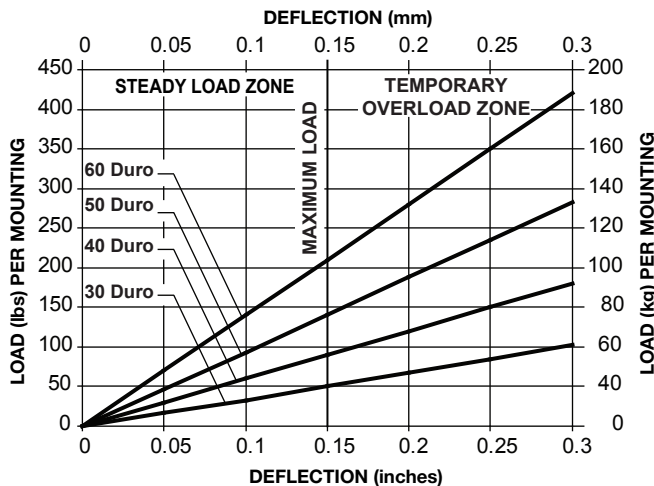


AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

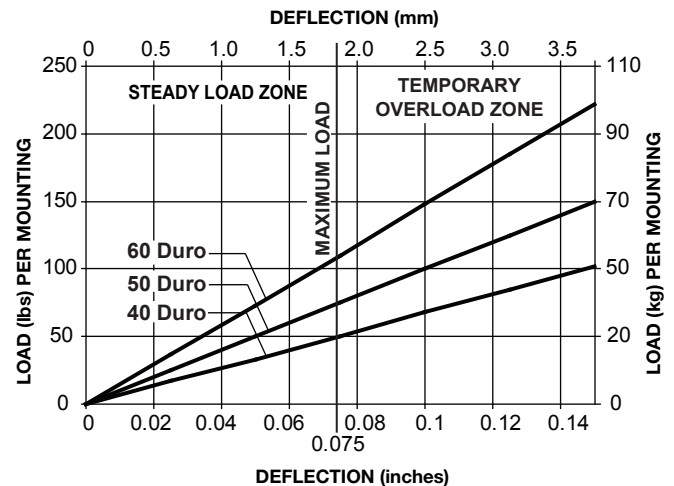
ORIGINAL PHYSICAL PROPERTIES			TESTED FOR AGING			COMPRES-	LONG
Tests: ASTM D-2240 & D-412			OVEN AGING (70hrs/158°F)			SION SET	TERM
Duro-meter	Tensile Strength	Elongat. at Break	Hard-ness	Tensile Strength	Elongat. at Break	ASTM D-395	CREEP
Shore A	(min)	(min)	(max)	(max)	(max)	22hrs/158°F Method B	ISO8013
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.

6534 LOAD DEFLECTION CURVES



16114 LOAD DEFLECTION CURVES



EAFM Designation & Color			0.025" 0.6mm Deflection		0.050" 1.3mm Deflection			0.075" 1.9mm Deflection			Temporary Overload* 3X Maximum Loading lbs. kgs.		
			Loading lbs.	Frequency kgs. Hz	Loading lbs.	Frequency kgs. Hz	Loading lbs.	Frequency kgs. Hz					
16114	Green	40	17	8	21.4	33	15	15.1	50	23	12.4	150	68
	Red	50	25	11	22.4	50	23	17.8	75	34	12.9	225	102
	White	60	37	17	22.5	73	33	16.0	110	50	13.0	330	150
			0.05" 1.3mm Deflection		0.1" 2.5mm Deflection			0.15" 3.8mm Deflection			lbs. kgs.		
			Loading lbs.	Frequency kgs. Hz	Loading lbs.	Frequency kgs. Hz	Loading lbs.	Frequency kgs. Hz					
6534	Black	30	17	8	14.7	33	15	10.4	50	23	8.5	150	68
	Green	40	30	14	15.1	60	27	10.7	90	41	8.7	270	122
	Red	50	47	21	15.8	93	42	11.2	140	64	9.1	420	191
	White	60	70	32	16.0	140	64	11.3	210	95	9.2	630	286

*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.



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MASON M.I. _____
DWG. NO. _____

EAFM

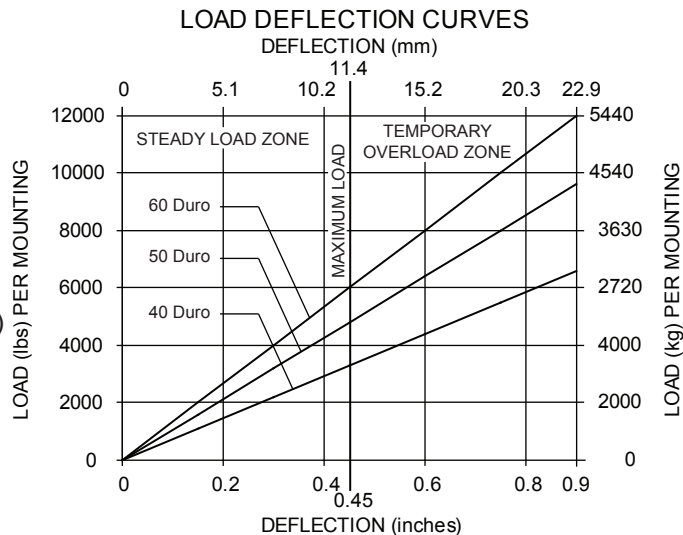
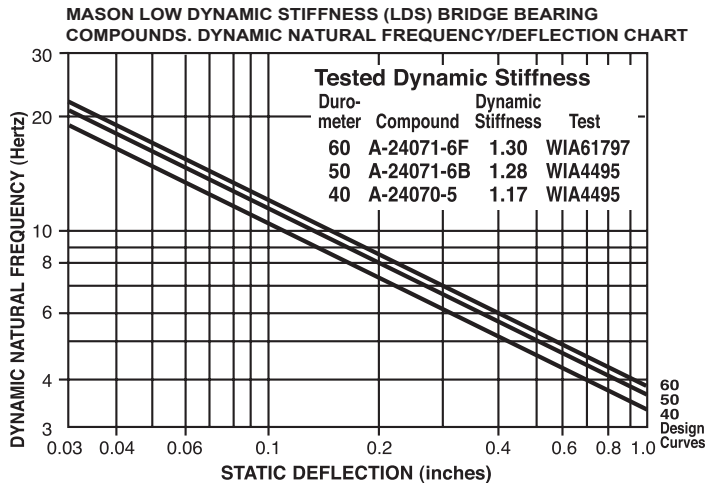
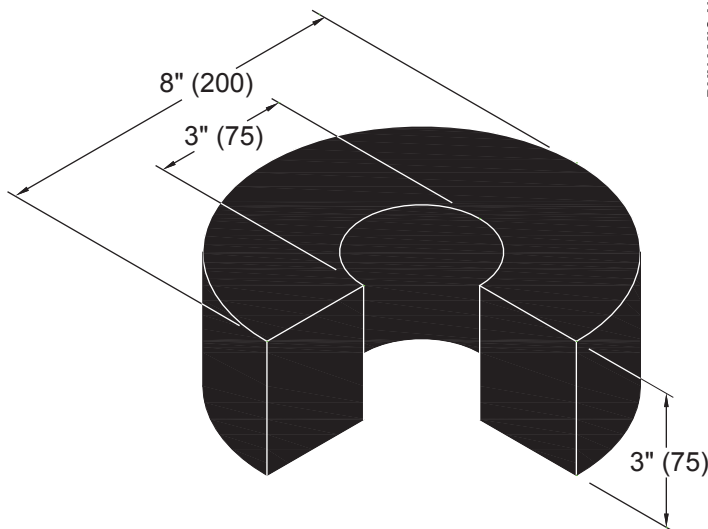
23785
ELASTOMERIC
ACOUSTICAL
FLOOR MOUNTS

Material:

LDS, compounded to
Bridge-bearing pad specifications.

EAFM 23785 Mounts are designed for 0.45" (11.4mm)
maximum deflection under constant load.

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



CERTIFICATION DATA

Mason Layout Drawing :

BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING				COMPRESSION SET
(a)	(b)	(b)	(c) Oven Aging (70hrs/158°F)		(d) Ozone	(e)	
Duro-meter	Tensile Strength [min]	Elongat. at Break [min]	Hard-ness [max]	Tensile Strength [max]	Elongat. at Break [min]	1 ppm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B
40±5*	2000 psi	500%	+10%	-25%	-25%	No Cracks	25% (max)
50±5	2250 psi	450%	+10%	-25%	-25%	No Cracks	25% (max)
60±5	2250 psi	400%	+10%	-25%	-25%	No Cracks	25% (max)
70±5	2250 psi	300%	+10%	-25%	-25%	No Cracks	25% (max)

(a)ASTM D-2440 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

*AASHTO does not spec 40 Duro. 40 Duro by Mason.

EAFM Designation & Color	Duro-meter ± 5	Load Capacity (lbs kg)						Natural Frequency of Mounts with Dynamic Frequency Correction (Hz)		
		Rated Load Range						Rated Load Range		
		0.15" Defl. 3.8 mm	0.30" Defl. 7.6 mm	0.45" Defl. 11.4 mm	0.15" Defl. 3.8 mm	0.30" Defl. 7.6 mm	0.45" Defl. 11.4 mm	0.15" Defl. 3.8 mm	0.30" Defl. 7.6 mm	0.45" Defl. 11.4 mm
Green	40	1100 500	2200 1000	3300 1500	8.7	6.2	5.0			
23785 Red	50	1600 725	3200 1450	4800 2175	9.1	6.5	5.2			
White	60	2000 910	4000 1820	6000 2730	9.2	6.6	5.3			



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Manufacturers of Vibration Control Products

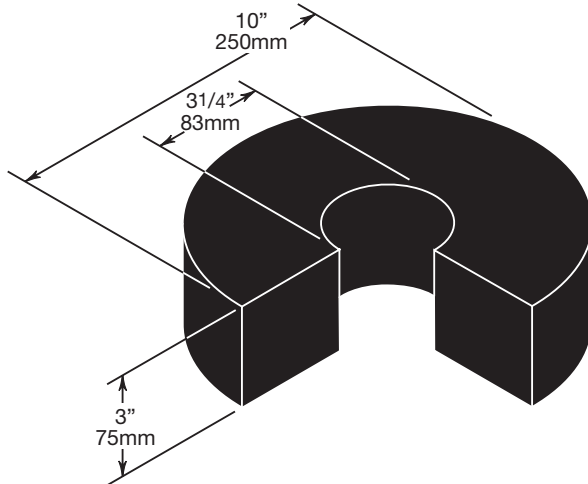
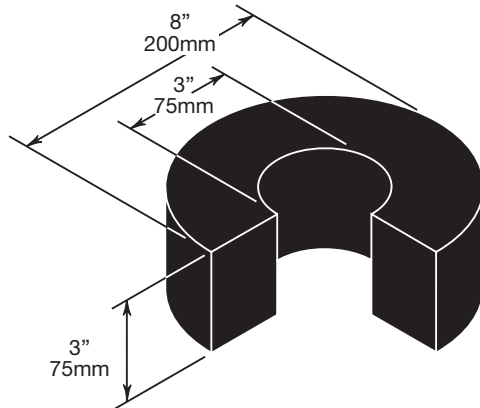
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FAX 631/348-0279
Info@Mason-Ind.com

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MASON M. _____
DWG No. _____

EAFM

23785 & 25782
Elastomeric
Acoustical
Floor Mounts



Material:

LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

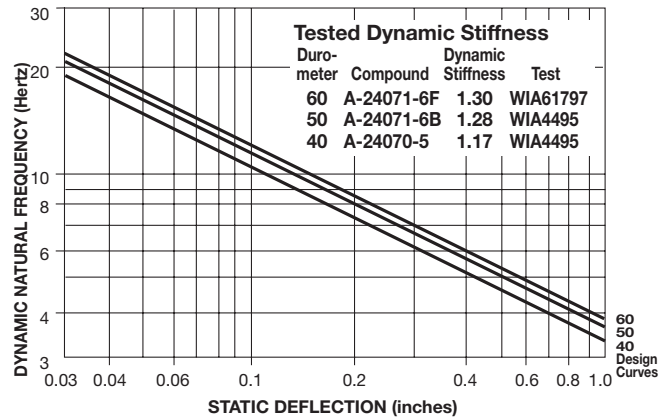
LDS stands for **Low Dynamic Stiffness** AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

Mounts are designed for 0.45" 11.4mm maximum deflection under constant load.

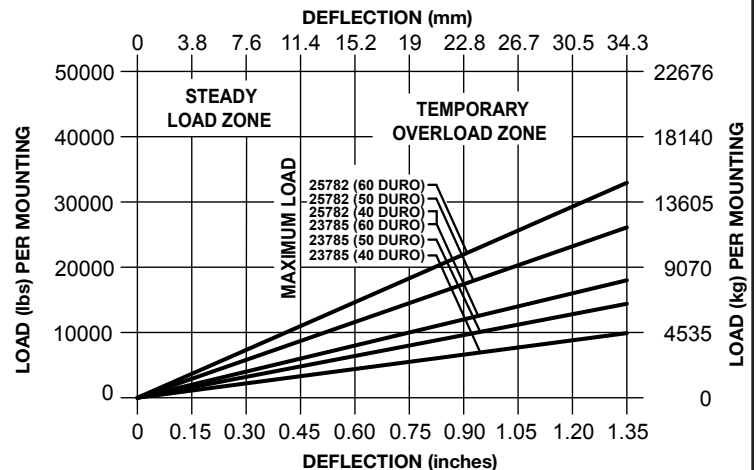
Temporary loading may greatly exceed these numbers without damage or permanent set.

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	
Tests: ASTM D-2240 & D-412			OVEN AGING(70hrs/158°F)	ASTM D-573	OZONE	ASTM D-395	ISO8013	
Duro- meter	Tensile Strength	Elongat. at Break	Hard- ness	Tensile Strength	Elongat. at Break	25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	168 hrs
Shore A	(min)	(min)	(max)	(max)	(max)			
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.

EAFM Designation & Color	Durometer ±5	0.15" 3.8mm Deflection			0.30" 7.6mm Deflection			0.45" 11.4mm Deflection			Temporary Overload* 3X Maximum Loading	lbs.	kgs.
		Loading lbs.	Frequency kgs.	Hz	Loading lbs.	Frequency kgs.	Hz	Loading lbs.	Frequency kgs.	Hz			
23785	Green	40	1100	500	8.7	2200	1000	6.6	3300	1500	5.0	9900	4500
	Red	50	1600	725	9.1	3200	1450	6.4	4800	2175	5.2	14400	6525
	White	60	2000	910	9.2	4000	1820	6.5	6000	2730	5.3	18000	8190
25782	Green	40	2000	910	8.7	4000	1820	6.6	6000	2730	5.0	18000	8190
	Red	50	2900	1320	9.1	5800	2640	6.4	8700	3960	5.2	26100	11880
	White	60	3660	1660	9.2	7320	3320	6.5	10980	4980	5.3	32940	14940

*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.



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Manufacturers of Vibration Control Products

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EAFM

23956

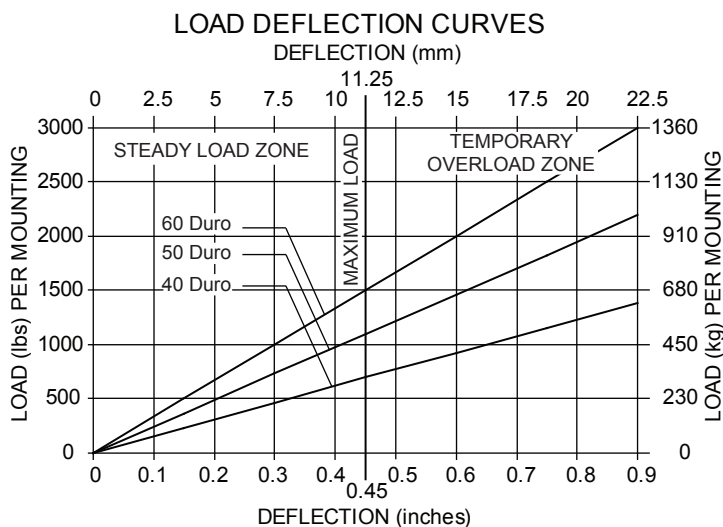
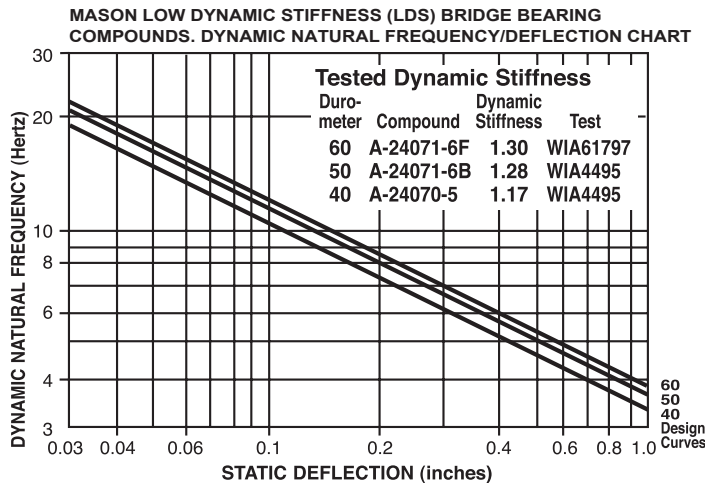
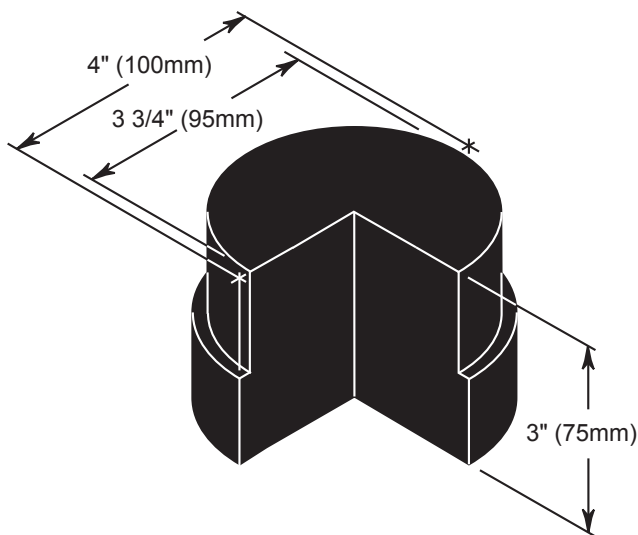
ELASTOMERIC
ACOUSTICAL
FLOOR MOUNTS

Material:

LDS, compounded to
Bridge-bearing pad specifications.

Mounts are designed for 0.45"(11.4mm) maximum
deflection under constant load.

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



CERTIFICATION DATA

Mason Layout Drawing :

BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS								
ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING				COMPRESSION SET	
(a)	(b)	(b)	(c)			(d)	(e)	
Duro-meter	Tensile Strength [min]	Elongat. at Break [min]	Oven Aging (70hrs/158°F)	Hard-ness [max]	Tensile Strength [max]	Elongat. at Break [min]	1 ppm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B
40±5*	2000 psi	500%	+10%	-25%	-25%	No Cracks	25% (max)	
50±5	2250 psi	450%	+10%	-25%	-25%	No Cracks	25% (max)	
60±5	2250 psi	400%	+10%	-25%	-25%	No Cracks	25% (max)	
70±5	2250 psi	300%	+10%	-25%	-25%	No Cracks	25% (max)	

(a)ASTM D-2440 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

*AASHTO does notspec 40 Duro. 40 Duro by Mason.

EAFM Designation & Color		Duro-meter ± 5	Load Capacity (lbs kg)						Natural Frequency of Mounts with Dynamic Frequency Correction (Hz)		
			Rated Load Range						Rated Load Range		
			0.15" Defl. 3.8 mm	0.30" Defl. 7.6 mm	0.45" Defl. 11.4 mm	0.15" Defl. 3.8 mm	0.30" Defl. 7.6 mm	0.45" Defl. 11.4 mm	0.15" Defl. 3.8 mm	0.30" Defl. 7.6 mm	0.45" Defl. 11.4 mm
23956	Green	40	230	105	460	210	700	320	8.7	6.2	5.0
	Red	50	365	166	730	332	1100	500	9.1	6.5	5.2
	White	60	500	227	1000	454	1500	680	9.2	6.6	5.3



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Manufacturers of Vibration Control Products

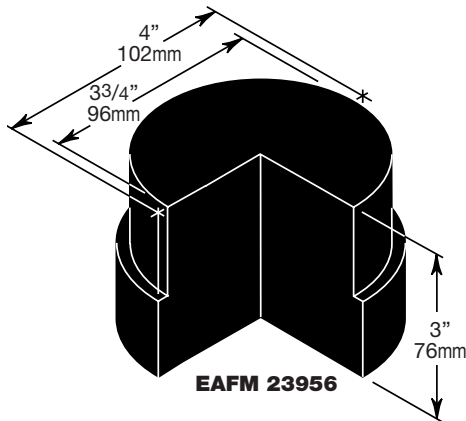
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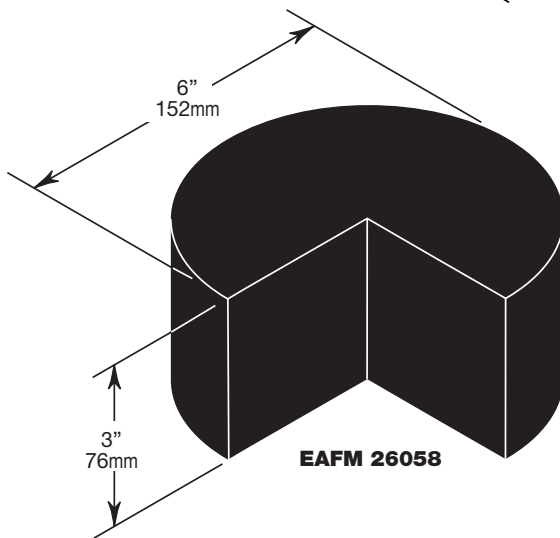
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

23956 & 26058
Elastomeric
Acoustical
Floor Mounts



EAFM 23956



EAFM 26058

Material:

LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

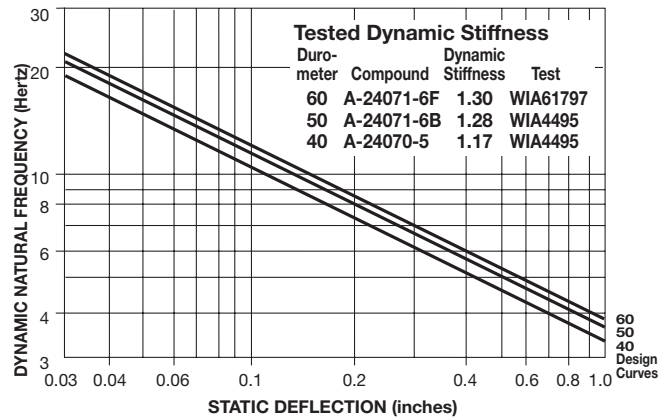
LDS stands for **Low Dynamic Stiffness** AASHTO Bridge Bearing Natural Rubber to minimize noise and vibration transmission. Maximum Dynamic Stiffness is 1.4.

Mounts are designed for 0.45" 11.4mm maximum deflection under constant load.

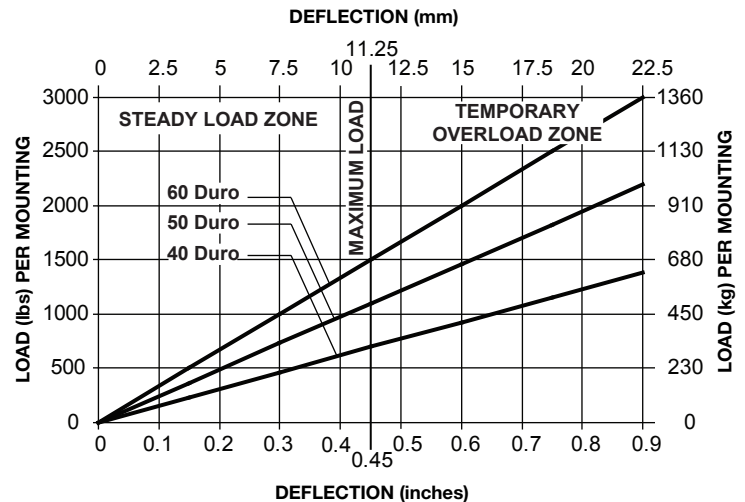
Temporary loading may greatly exceed these numbers without damage or permanent set.

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
Tests: ASTM D-2240 & D-412			OVEN AGING (70hrs/158°F)			ASTM D-395	ISO8013
Duro-meter	Tensile Strength	Elongat. at Break	Hard-ness	Tensile Strength	Elongat. at Break	22hrs/158°F Method B	168hrs
Shore A	(min)	(min)	(max)	(max)	(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.

EAFM Designation & Color Durometer ±5			0.15" 3.8mm Deflection			0.3" 7.6mm Deflection			0.45" 11.4mm Deflection			Temporary Overload* 3X Maximum Loading lbs. kgs.	
			Loading lbs.	kgs.	Frequency Hz	Loading lbs.	kgs.	Frequency Hz	Loading lbs.	kgs.	Frequency Hz		
23956	Green	40	230	105	8.7	460	210	6.2	700	320	5.0	2100	960
	Red	50	365	166	9.1	730	332	6.4	1100	500	5.2	3300	1500
	White	60	500	227	9.2	1000	454	6.5	1500	680	5.3	4500	2040
26058	Green	40	270	125	8.7	540	250	6.2	810	375	5.0	2430	1125
	Red	50	750	340	9.1	1500	680	6.4	2250	1020	5.2	6750	3060
	White	60	950	430	9.2	1900	860	6.5	2850	1290	5.3	8560	3870

*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.



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Manufacturers of Vibration Control Products

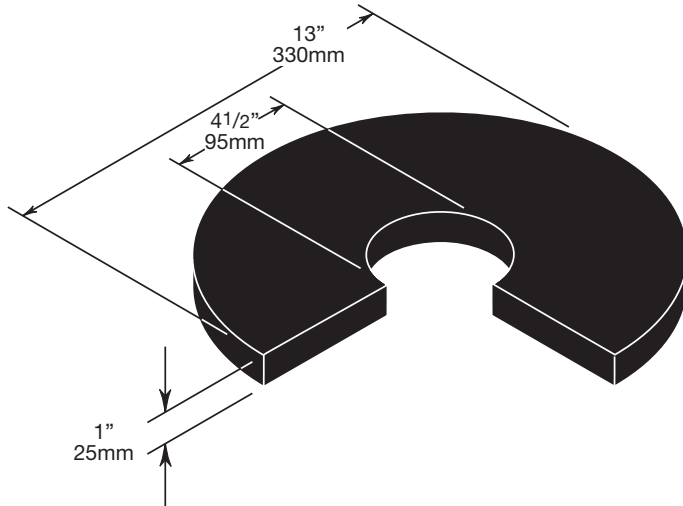
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CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

26055
Elastomeric
Accoustical
Floor Mounts



Material:

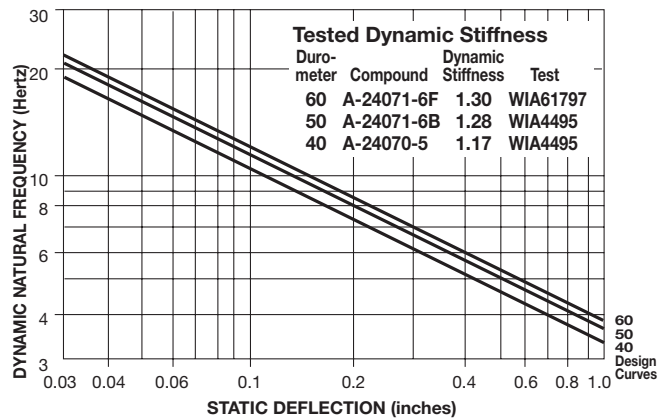
LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

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

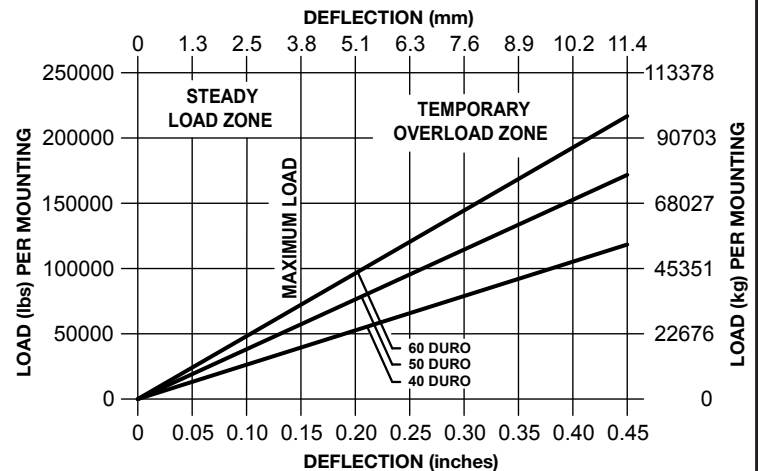
Mounts are designed for 0.15" **3.8mm** maximum deflection under constant load.

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

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
Tests: ASTM D-2240 & D-412			ASTM D-573			ASTM D-1149	ASTM D-395	ISO8013
Duro-meter	Tensile	Elongat.	Hard-	Tensile	Elongat.	25 pphm in air	22hrs/158°F	168 hrs
Shore A	Strength (min)	at Break (min)	ness (max)	Strength (max)	at Break (max)	by Vol. 20% Strain 100°F	Method B	
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:

EAFM Designation & Color	Durometer ±5	0.05" 1.3mm Deflection			0.1" 2.5mm Deflection			0.15" 3.8mm Deflection			Temporary Overload* 3X Maximum Loading lbs. kgs.
		Loading lbs.	Frequency kgs. Hz		Loading lbs.	Frequency kgs. Hz		Loading lbs.	Frequency kgs. Hz		
Green	40	13160	5969	15.1	26325	11941	10.7	39490	17912	8.7	118470 53737
Red	50	19085	8658	15.8	38170	17314	11.2	57255	25970	9.1	171765 77911
White	60	24085	10925	16.0	48175	21852	11.3	72260	32777	9.2	216780 98829

*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 INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

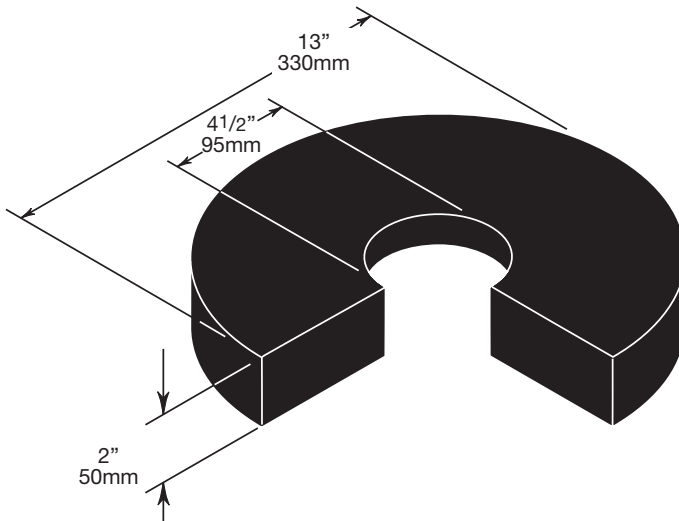
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MASON M. _____
DWG No. _____

EAFM

26056
Elastomeric
Accoustical
Floor Mounts



Material:

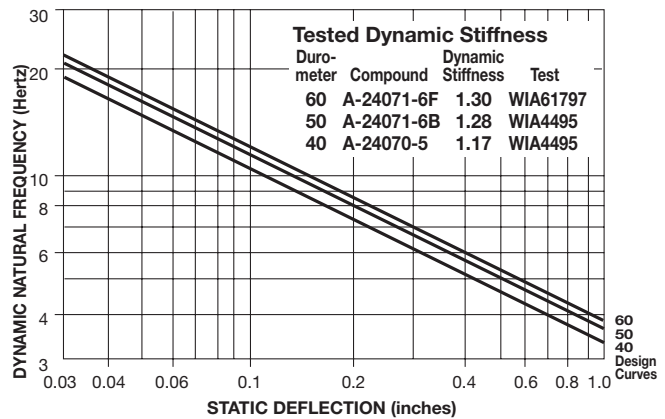
LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

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

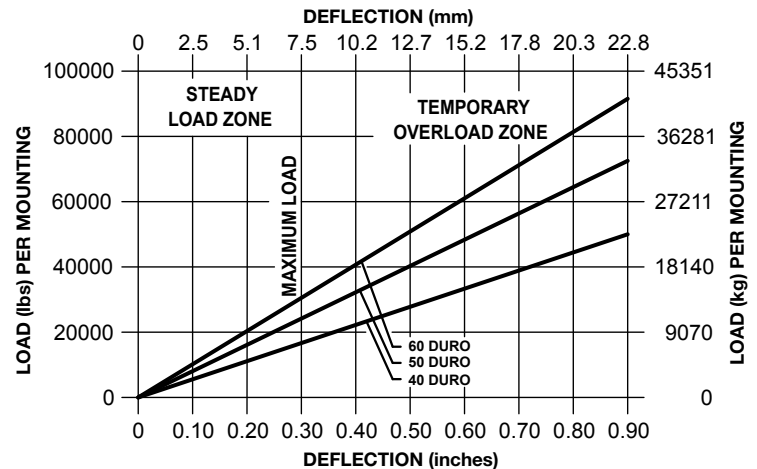
Mounts are designed for 0.3" **7.5mm** maximum deflection under constant load.

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

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)	OZONE			
Tests: ASTM D-2240 & D-412			ASTM D-573	ASTM D-1149	ASTM D-395		
Shore A	(min)	(min)	Hardness (max)	Tensile Strength at Break (max)	Elongat. at Break (max)	25 pphm in air by Vol. 20% Strain 100°F	ISO8013
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.

Mason Layout Drawing:

EAFM Designation & Color	Durometer ±5	0.1" 2.5mm Deflection			0.2" 5.0mm Deflection			0.3" 7.5mm Deflection			Temporary Overload* 3X Maximum Loading
		lbs.	kgs.	Hz	lbs.	kgs.	Hz	lbs.	kgs.	Hz	
26056 Green	40	5560	2522	10.7	11115	5042	7.6	16680	7566	6.2	50040
Red	50	8055	3654	11.2	16115	7310	7.9	24170	10963	6.4	72510
White	60	10170	4613	11.3	20340	9226	8.0	30510	13839	6.5	91530

*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 INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

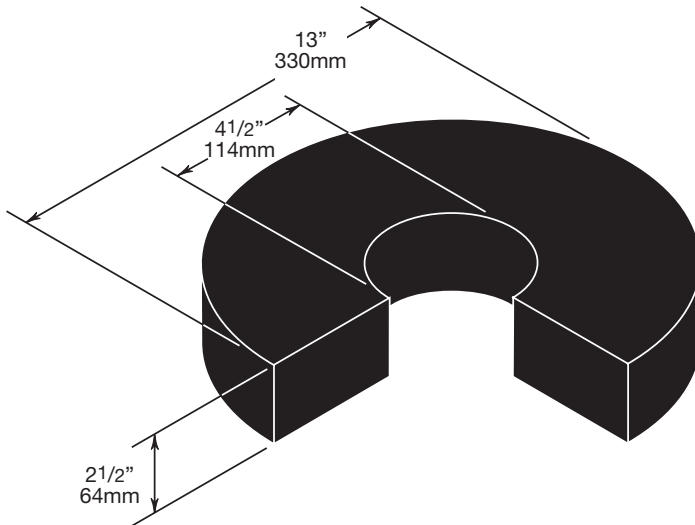
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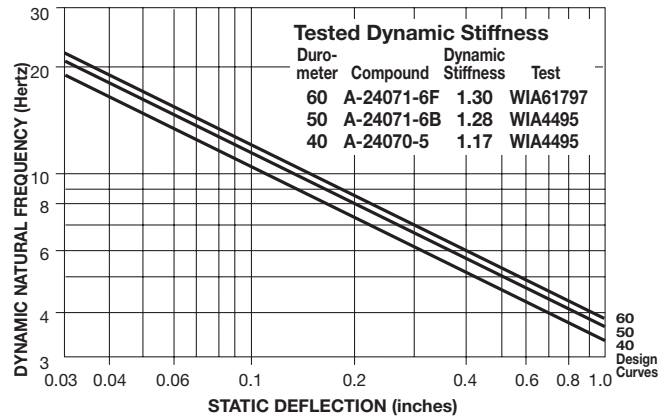
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

EAFM

26057
Elastomeric
Acoustical
Floor Mounts



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



Material:

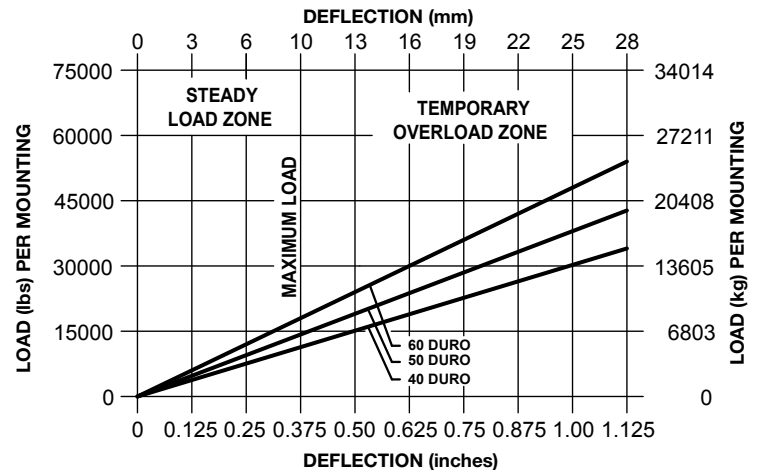
LDS Rubber, compounded to AASHTO Bridge-bearing specifications.

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 0.375" 10mm maximum deflection under constant load.

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

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)	OZONE	ASTM D-1149	ASTM D-395	ISO8013	
Tests: ASTM D-2240 & D-412			ASTM D-573	ASTM D-1149	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:

EAFM Designation & Color	Durometer ±5	0.125" 3mm Deflection			0.25" 6mm Deflection			0.375" 10mm Deflection			Temporary Overload* 3X Maximum Loading
		lbs.	kgs.	Hz	lbs.	kgs.	Hz	lbs.	kgs.	Hz	
26057 Green	40	3780	1720	9.6	7560	3440	6.8	11340	5160	5.5	34020 15480
26057 Red	50	4750	2160	10.0	9500	4320	7.0	14250	6480	5.7	42750 19440
26057 White	60	6000	2727	10.1	12000	5454	7.1	18000	8181	5.8	54000 29545

*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 INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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

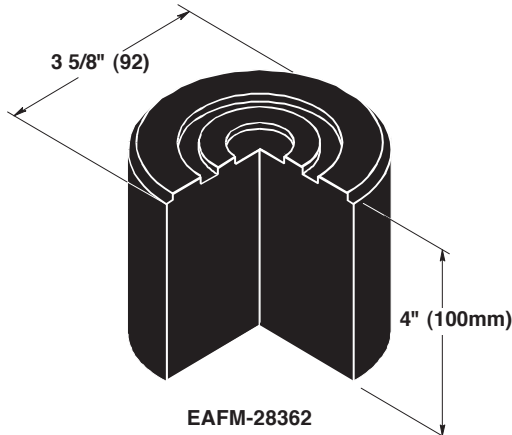
EAFM
28362
ELASTOMERIC
ACOUSTICAL
FLOOR MOUNTS

Material:

LDS, compounded to
Bridge-bearing pad specifications.

EAFM 28362 Mounts are designed for 0.50"
maximum deflection under constant load.

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

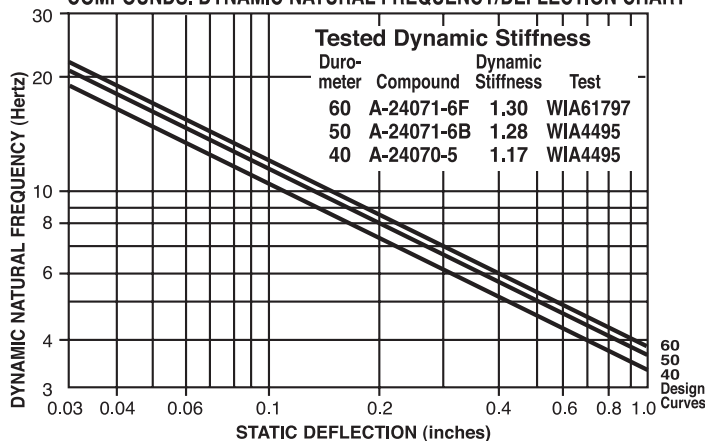


EAFM-28362 w/Shim

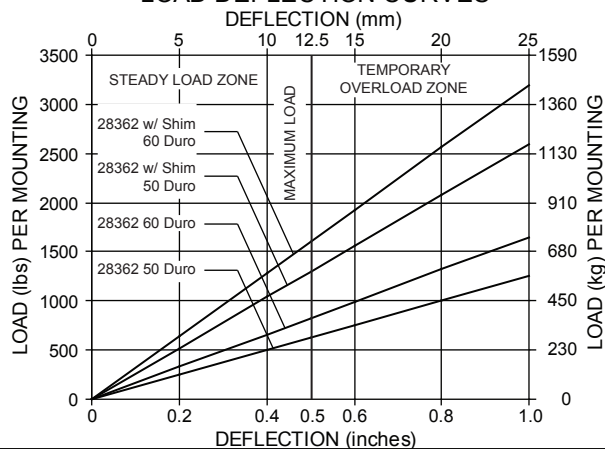
CERTIFICATION DATA

Mason Layout Drawing :

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



LOAD DEFLECTION CURVES



BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING				COMPRESSION SET
(a)	(b)	(b)	(c) Oven Aging (70hrs/158°F)			(d) Ozone	(e)
Duro-meter	Tensile Strength [min]	Elongat. at Break [min]	Hardness [max]	Tensile Strength at Break [max]	Elongat. at Break [min]	1 ppm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B
40±5*	2000 psi	500%	+10%	-25%	-25%	No Cracks	25% (max)
50±5	2250 psi	450%	+10%	-25%	-25%	No Cracks	25% (max)
60±5	2250 psi	400%	+10%	-25%	-25%	No Cracks	25% (max)
70±5	2250 psi	300%	+10%	-25%	-25%	No Cracks	25% (max)

(a)ASTM D-2440 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

*AASHTO does not spec 40 Duro. 40 Duro by Mason.

EAFM Designation	Duro-meter ± 5	Load Capacity (lbs kg)						Natural Frequency of Mounts with Dynamic Frequency Correction (Hz)		
		Rated Load Range						Rated Load Range		
		0.20" Defl. 5.0 mm	0.40" Defl. 10.0 mm	0.50" Defl. 13.0 mm	0.20" Defl. 5.0 mm	0.40" Defl. 10.0 mm	0.50" Defl. 13.0 mm	0.20" Defl. 5.0 mm	0.40" Defl. 10.0 mm	0.50" Defl. 13.0 mm
28362	50	250	114	500	228	625	284	7.9	5.6	5.0
	60	330	150	660	300	825	375	8.0	5.7	5.1
28362 w/Shim	50	520	236	1040	472	1300	590	7.9	5.6	5.0
	60	640	290	1280	580	1600	730	8.0	5.7	5.1