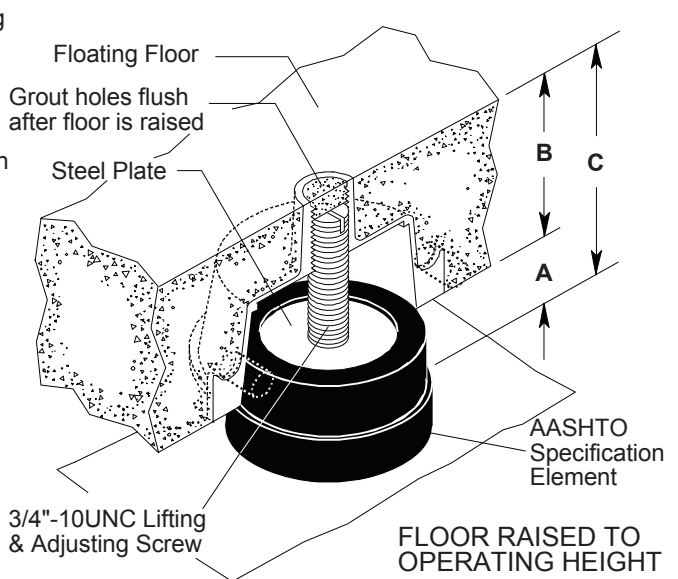
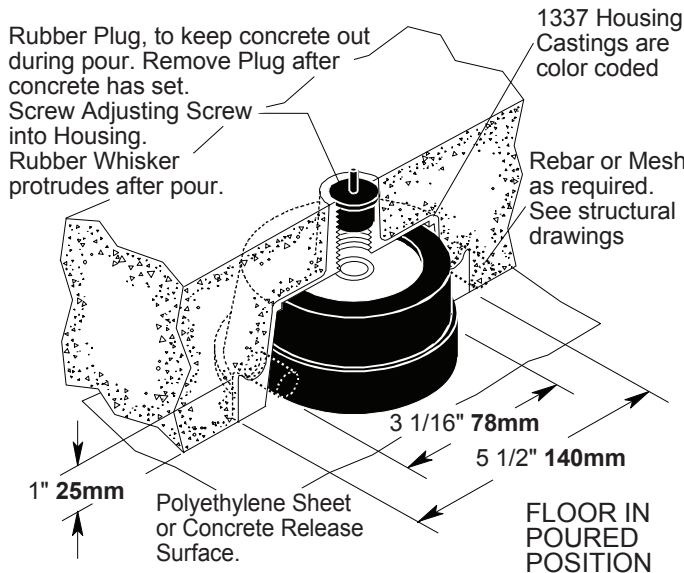


MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products
 350 Rabro Drive 2101 W. Crescent Ave., Suite D
 Hauppauge, NY 11788 Anaheim, CA 92801
 631/348-0282 714/535-2727
 FAX 631/348-0279 FAX 714/535-5738
 Info@Mason-Ind.com Info@MasonAnaheim.com
 www.Mason-Ind.com

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

FSN
 LDS JACK-UP
 ASSEMBLY
 HOUSING
 1337



TYPE FSN RATINGS (1337 Housing)

Type	Size	EAFM LDS Element			Load Capacity (lbs kg)		Casting Color Code
		Element No.	Color Mark	Duro-meter ± 5	0.2\" Defl. 5.0mm	0.3\" Defl. 8.0mm	
FSN*-(3,4,5,6)	2500	12147	Red	50	1675 761	2500 1136	Black Gray
	3500	12147	White	60	2350 1068	3500 1590	

Air Gap A	Floor ** Thickness B	Overall Height C
Most Common 1\" or 2\" (25mm or 50mm) Occasionally 3\" or 4\" (75mm or 100mm)	3\" - Minimum 4\" - Most Common 5\" - Seldom 6\" - Common	Air Gap plus Floor Thickness

* FSN Housing Height matches floor thickness. Housing suffix indicates housing height, i.e. FSN4 indicates a 4\" floor and housing; FSN6, a 6\" floor and housing, etc.
 Note : Castings can be modified for floors over 6\" thick.

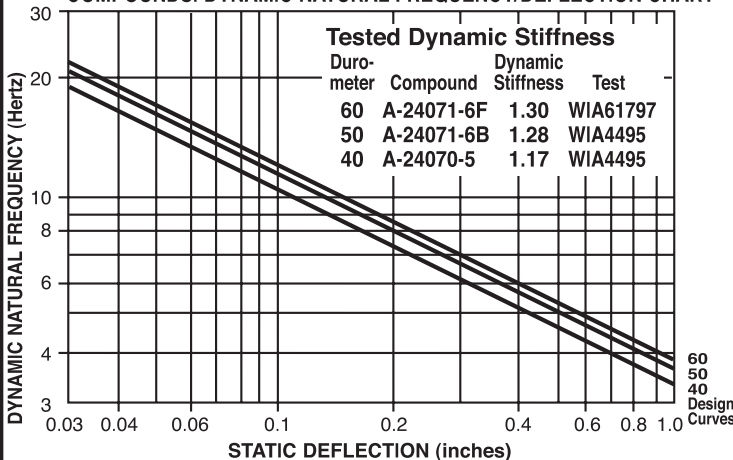
** Thicker Floors or Fractional Dimensions as Required.

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 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

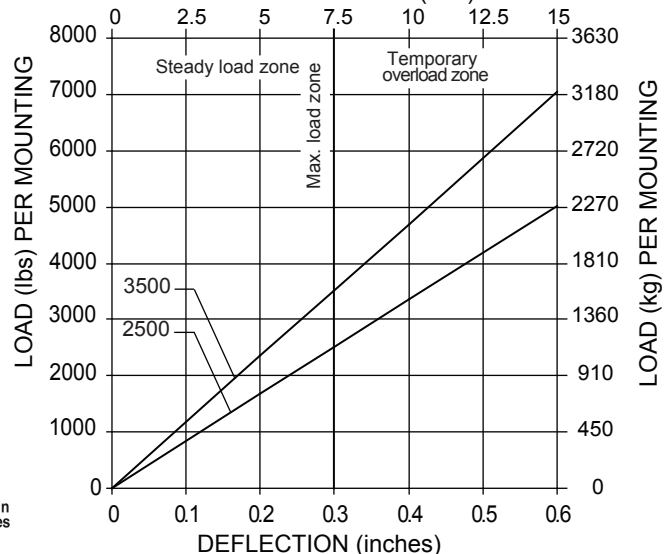
*AASHTO does notspec 40 Duro. 40 Duro by Mason.

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



Mounts are designed for 0.3\" 7.6mm maximum deflection under constant load.
 Temporary loadings may greatly exceed these numbers without damage or permanent set. See graph below.
 All mountings are molded to AASHTO specifications.
 The theoretical natural frequency of mounts without Dynamic Stiffness correction: at 0.2\" 5.0mm - 7.0 Hz / at 0.3\" 7.6mm - 5.7 Hz
 Actual frequencies may be read from the chart.

LOAD DEFLECTION CURVES



FORM S-002 09/2008

DWN:

CHKD:

DATE:

DWG. No.