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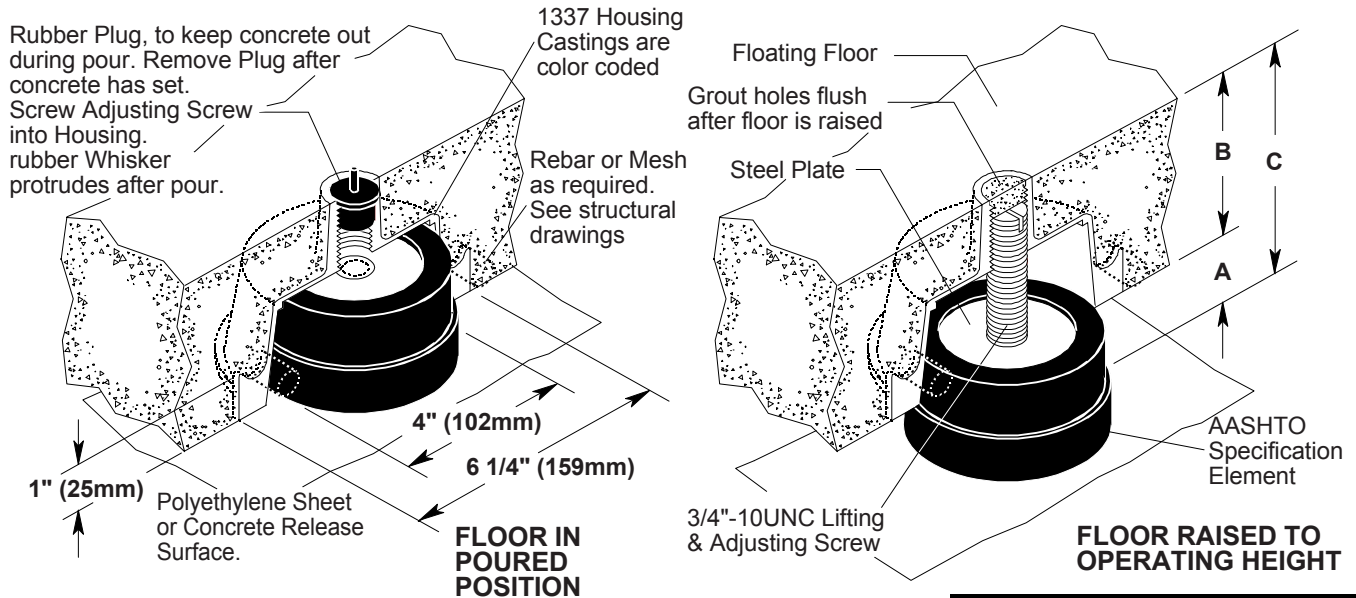
CERTIFIED FOR

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

TYPE

FSN

Neoprene
 Jack-Up Assembly
 Housing 1337



TYPE FSN RATINGS (1337 Housing)

Type	Size	EAFM Neoprene Element			Load Capacity				Casting Color Code
		Element No.	Color Mark	Duro-meter ± 5	0.2" Defl. [lbs]	0.3" Defl. [lbs]	5mm Defl. [kg]	8mm Defl. [kg]	
FSN*- (3,4,5,6)	2800	12147	Red	50	1875	2800	852	1273	Black Gray
	3500	12147	White	60	2350	3500	1068	1591	

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 NEOPRENE SPECIFICATIONS

ORIGINAL PHYSICAL PROPERTIES			TESTING FOR AGING			COMPRESSION SET	
(a)	(b)	(b)	(c)		(d)		
Duro-meter	Tensile Strength [min.]	Elongat. at Break [min.]	Oven Aging (70hrs/212°F) Hardness [max.]	Tensile Strength at Break [max.]	Ozone 1 ppm in air by Vol. 20% Strain 100°F	22hrs/150°F Method B	
40±5	2000 psi	450%	+ 15%	± 15%	- 40%	No Cracks	30% (max)
50±5	2500 psi	400%	+ 15%	± 15%	- 40%	No Cracks	25% (max)
60±5	2500 psi	350%	+ 15%	± 15%	- 40%	No Cracks	25% (max)

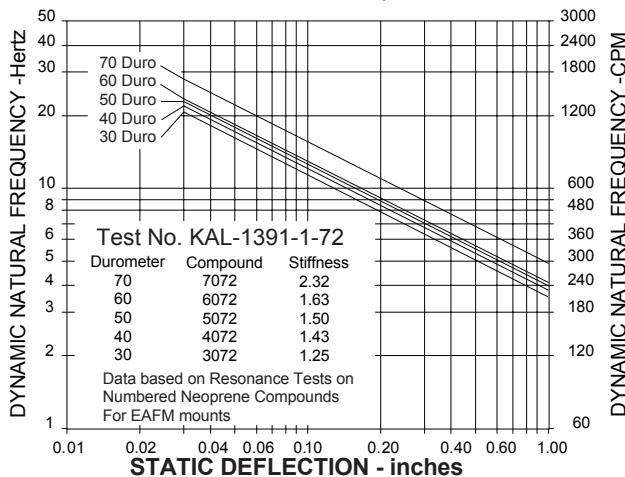
(a)ASTM D-676 (b)ASTM D-412 (c)ASTM D-573 (d)ASTM D-1149 (e)ASTM D-395

Mounts are designed for 0.3" 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. Elastomer may be Neoprene or AASHTO equivalent.

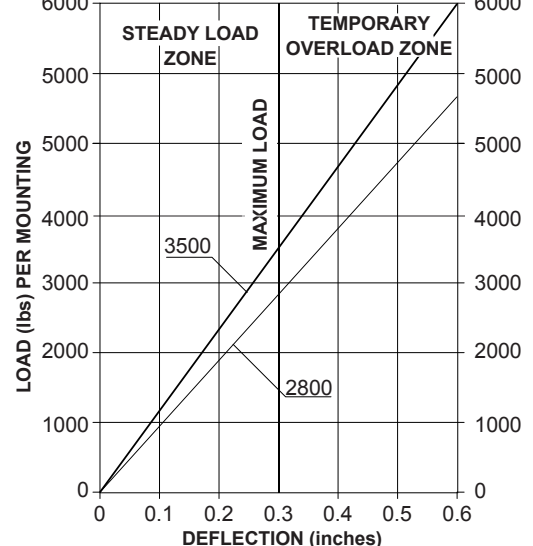
The theoretical natural frequency of mounts without Dynamic Stiffness correction: at 0.2" (5.0mm) - 7.0 Hz / at 0.3" (8.0mm) - 5.7 Hz
 Actual frequencies may be read from the chart.

DYNAMIC STIFFNESS & FREQUENCY CURVES



Note: Data does not apply to compounds other than those tested.

LOAD - DEFLECTION CURVES



DWN : CHKD : DATE :

DWG NO. :