

MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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

Wall Hanger with Precompressed 30 Series Spring and Eye Bolt

- 23/4" 70m	Secure with two (2) m
1/4" 6mm — 11/2" 3/4" 19mm — 38mm	Nails. Install nails at opposing angles or
31/2"	Secure with two (2) lag bolts 3/8" x 1 3/4" min 10mm x 44mm min or through bolts, nuts & washers
89mm \ 51/4"* \	Precompression and Final Deflection Scale
133mm 2 3/4" 70mm	LDS Rubber Spring Cup with projecting bushing to prevent rod contact
	Clearance provided so rod can swing 30° without contacting bushing and reducing efficiency.
When full load is applied, gap opens between precompression washer and housing. If snug after loading, backoff nut until precompression washer clears 1/4" 6mm	Eye Bolts By Mason Use 12 Ga wire
	* Hangers are precompressed to 70% of assigned load. When
BOSM RATINGS	full load is applied, gap opens between precompression washer and housing. These dimensions are overall heights when fully

TYPE W30SM RATINGS

	Size	Rated Capacity (lbs) (kg)		Rated Deflection (in) (mm)		Spring Constant (lbs/in) (kg/mm)		Spring Color/ Stripe
1	12	12	5	1.25	32	10	0.18	Orange
1	23	23	10	1.30	33	18	0.30	Brown
1	33	33	15	1.10	28	30	0.54	Red
1	54	54	24	1.20	30	45	0.80	White
1	76	76	34	1.02	25	73	1.36	Black
1	113	113	51	1.00	25	113	2.04	Yellow
1	130	130	59	1.00	25	130	2.36	Purple
1	175	175	79	1.00	25	175	3.16	Silver
1	210	210	95	1.00	25	210	3.80	Blue

All springs have additional travel to solid equal to 50% of Rated Deflection.

NOTE: Standard sizes shown.

Certification Form S-662 06/2009

For heavier capacities, consult factory.

AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

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

loaded. For longer lengths, consult factory.

ORIG	INAL PHY PROPERT		TESTED FOR AGING OVEN AGING(70hrs/158°F) OZONE			COMPRES- SION SET	TERM	
_	STM D-2240			STM D-5		ASTM D-1149	ASTM D-395	CREEP ISO8013
Duro- meter Shore A		Elongat. at Break (min)	ness	Strength		25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	
50±5 60±5	2000 psi 2250 psi 2250 psi 2250 psi	450% 400%	+10% +10%	-25% -25%	-25% -25% -25% -25%	No Cracks No Cracks No Cracks No Cracks	25%(max) 25%(max) 25%(max) 25%(max)	5%(max) 5%(max)

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

MASON LAYOUT DRAWING NO							
	SIZE	QTY.	TA	AG			
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					_		
O	DWN	CHKD	DATE	DWG No.			