

MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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Certification Form S-659 06/2009

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

JOB NAME CUSTOMER CUSTOMER P.O MASON M DWG No.	W30CC Precompressed 30 Hanger with Eye Bolt and Ceiling Channel Clamp
DWG No.	Channel Clamp

Housing and Spring are Powder Coated Steel	Eye Bolts By Mason Use 12 Ga wire or 3/8" x 3/4" 10mm x 19mm Bolt and Nut
	Precompression and Final Deflection Scale
8 1/2"* 216mm	1" 25mm Minimum Deflection Spring to Minimize Vibration Transmission
4 1/4" 108mm	Noise Reducing LDS Rubber Spring Cup with projecting bushing to prevent rod contact
2 1/2" 64mm	If snug after full loading, back-off nut until precompression washer clears 1/4" 6mm
	Clearance provided so rod can swing 30° without contacting bushing and reducing efficiency.
1/2"30° 13mm27/8"	1 1/2" x 1/2" 38mm x 13mm Channel By Others
73mm -	Channel Clamp and 3/8" 10mm Threaded Rod By Mason

* Hangers are precompressed to 70% of assigned load. When full load is applied, gap opens between precompression washer and housing. These dimensions are overall heights when fully loaded. For longer lengths, consult factory.

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

AASHTO BRIDGE BEARING NATURAL RUBBER SPECIFICATIONS

ORIGINAL PHYSICA PROPERTIES	ORIGINAL PHYSICAL PROPERTIES OVEN AGING(70hrs/158°F)			COMPRES- SION SET	LONG TERM
Tests: ASTM D-2240 & D-				ASTM D-395	CREEP ISO8013
Duro- Tensile Elon meter Strength at Br Shore A (min) (mi		th at Break	25 pphm in air by Vol. 20% Strain 100°F	22hrs/158°F Method B	
40±5 2000 psi 500			No Cracks	25%(max)	
50±5 2250 psi 450			No Cracks	25%(max)	
60±5 2250 psi 400 70±5 2250 psi 300			No Cracks No Cracks	25%(max) 25%(max)	
10±0 2200 psi 300	/0 +10/0 -23/	0 -2370	INO CIACKS	20/0(IIIax)	J /U(IIIAX)

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

TYPE W30CC RATINGS

	Rat Capa			ted ection		ring stant	Spring
Size	(lbs)	(kg)	(in)	(mm)	(lbs/in)	(kg/mm)	Color
12	12	5	1.25	32	10	0.18	Orange
23	23	10	1.30	33	18	0.30	Brown
33	33	15	1.10	28	30	0.54	Red
54	54	24	1.20	30	45	0.80	White
76	76	34	1.02	25	73	1.36	Black
113	113	51	1.00	25	113	2.04	Yellow
130	130	59	1.00	25	130	2.36	Purple
175	175	79	1.00	25	175	3.16	Silver
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.

For heavier capacities, consult factory.

MASON LAYOUT DRAWING NO. SIZE QTY. TAG CHKD DWN DATE DWG No.