

MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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JOB NAME _____

CUSTOMER _____

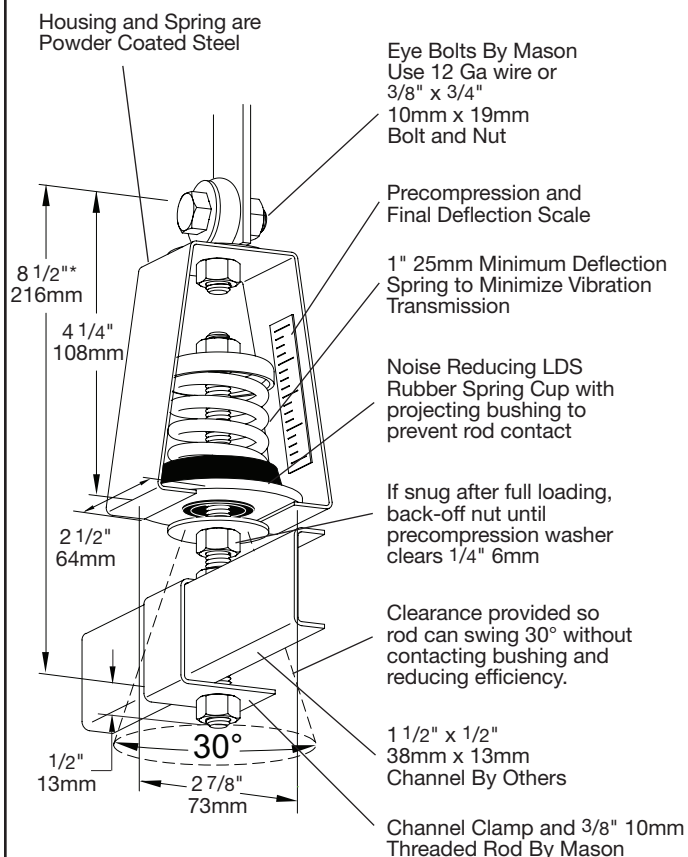
CUSTOMER P.O. _____

MASON M._____

DWG No. _____

W30CC

Precompressed 30 Hanger with Eye Bolt and Ceiling Channel Clamp



* 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 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
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)
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)

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

TYPE W30CC RATINGS

Size	Rated Capacity		Rated Deflection		Spring Constant		Spring Color
	(lbs)	(kg)	(in)	(mm)	(lbs/in)	(kg/mm)	
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.

[illegible]

Certification Form S-659 06/2009

DWN

CHKD

DATE _____

DWG No.