



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

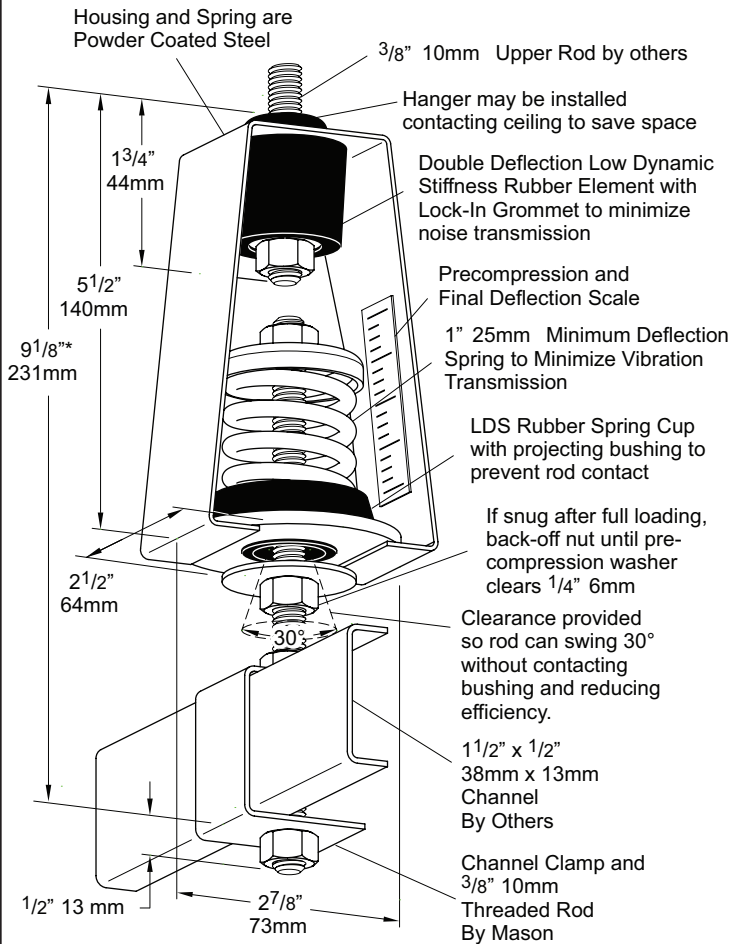
350 Rabro Drive
Hauppauge, NY 11788
631/348-0282
FAX 631/348-0279
Info@Mason-Ind.com

2101 W. Crescent Ave., Suite D
Anaheim, CA 92801
714/535-2727
FAX 714/535-5738
Info@MasonAnaheim.com
www.Mason-Ind.com

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

30NCC

Precompressed
30N Hanger with
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			COMPRES-	LONG
			OVEN AGING(70hrs/158°F)			SION SET	TERM
Tests: ASTM D-2240 & D-412			ASTM D-573			ASTM	CREEP
Duro-	Tensile	Elongat.	Hard-	Tensile	Elongat.	D-395	ISO8013
meter	Strength	at Break	ness	Strength	at Break	22hrs/158°F	
Shore A	(min)	(min)	(max)	(max)	(max)	Method B	168hrs
40±5	2000 psi	500%	+10%	-25%	-25%	No Cracks	5%(max)
50±5	2250 psi	450%	+10%	-25%	-25%	No Cracks	5%(max)
60±5	2250 psi	400%	+10%	-25%	-25%	No Cracks	5%(max)
70±5	2250 psi	300%	+10%	-25%	-25%	No Cracks	5%(max)

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

TYPE 30NCC RATINGS

Size	Rated Capacity		Rated Deflection†		Spring Constant††		Avg. LDS Deflection		Spring Color
	(lbs)	(kg)	(in)	(mm)	(lbs/in)	(kg/mm)	(in)	(mm)	
12	12	5	1.45	37	10	0.18	0.20	5	Orange
23	23	10	1.50	38	18	0.30	0.20	5	Brown
33	33	15	1.30	33	30	0.54	0.20	5	Red
54	54	24	1.40	36	45	0.80	0.20	5	White
76	76	34	1.22	31	73	1.36	0.20	5	Black
113	113	51	1.20	30	113	2.04	0.20	5	Yellow
130	130	59	1.20	30	130	2.36	0.20	5	Purple
175	175	79	1.20	30	175	3.16	0.20	5	Silver
210	210	95	1.20	30	210	3.80	0.20	5	Blue

† includes double deflection LDS Rubber element.

†† applies to spring only.

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