



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

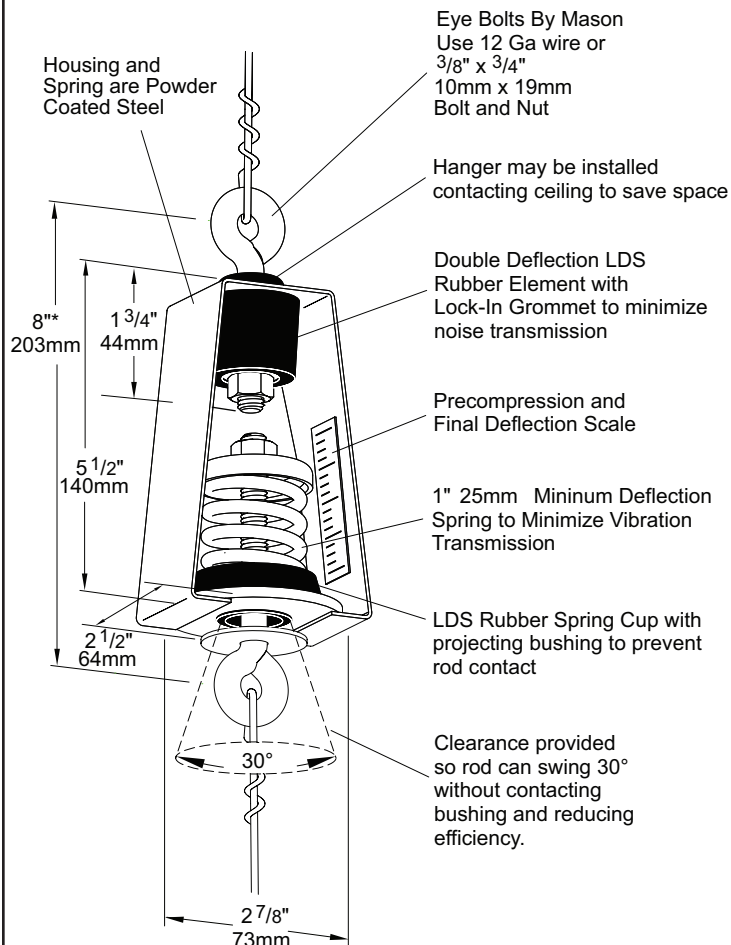
JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

W30N

Precompressed
30N Hanger
with Eye Bolts

* 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
Tests: ASTM D-2240 & D-412			ASTM D-573			SION SET	TERM
Duro-	Tensile	Elongat.	Hard-	Tensile	Elongat.	ASTM	CREEP
meter	Strength	at Break	ness	Strength	at Break	D-395	ISO8013
Shore A	(min)	(min)	(max)	(max)	(max)	22hrs/158°F	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 W30N 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



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products
NY Mailing Address: PO Box 410, Smithtown, NY 11787
350 Rabro Drive 2101 W. Crescent Ave., Suite D
Hauppauge, NY 11788 Anaheim, CA 92801
631/348-0282 714/535-2727
FAX 631/348-0279 FAX 714/535-5738
Info@Mason-Ind.com Info@MasonAnaheim.com

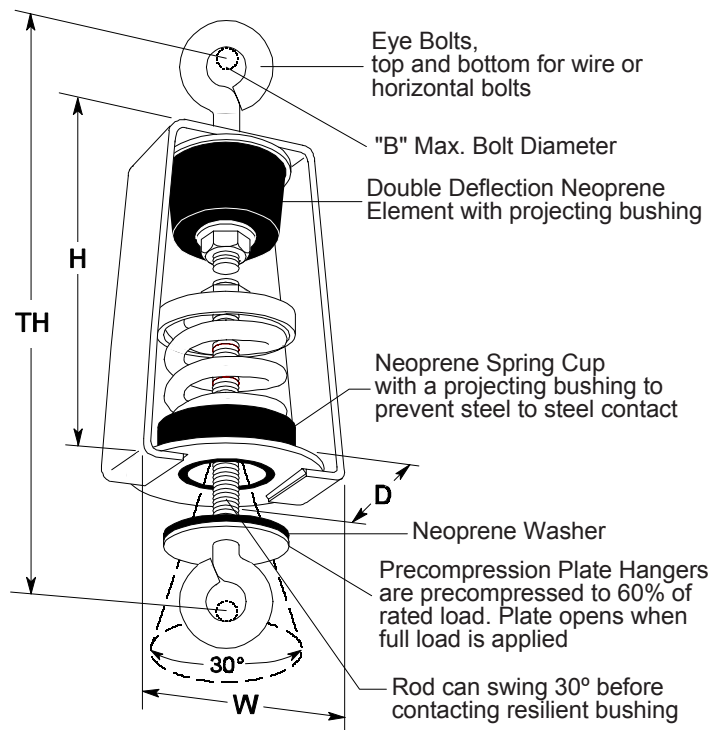
CERTIFIED FOR

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

TYPE

W30N

1" Deflection
X, A & B Series
Ceiling Hangers



TYPE W30N RATINGS

Size	Rated Capacity [lbs]	Rated Defl.* [in]	Spring Constant** [lbs/in]	Avg Defl. Neoprene [in]	Spring Color
W30N-X-23	23	1.50	18	0.20	Brown
W30N-X-33	33	1.30	30		Red
W30N-X-54	54	1.40	45		White
W30N-X-76	76	1.22	73		Black
W30N-X-113	113	1.20	113		Yellow
W30N-X-130	130	1.20	130		Purple
W30N-X-175	175	1.20	175	0.35	Silver
W30N-X-210	210	1.20	210		Blue
W30N-A-12	12	1.35	12		Red
W30N-A-18	18	1.35	18		Gray
W30N-A-25	25	1.35	25		Orange
W30N-A-41	41	1.53	35		Pink
W30N-A-56	56	1.49	49	0.35	Black
W30N-A-73	73	1.41	69		Tan
W30N-A-95	95	1.36	94		Green
W30N-B-138	138	1.67	105		White
W30N-B-222	222	1.51	191		Blue
W30N-B-278	278	1.44	255		Purple
W30N-B-336	336	1.35	336	0.35	Silver
W30N-B-410	410	1.42	385		Black
W30N-B-540	540	1.35	540		Yellow

*includes double deflection neoprene element.

**applies to spring only.

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

Hanger elements have straight line deflection curves.

TYPE W30N DIMENSIONS (inches)

Size Range	B	D	H	W	TH
W30N-X-23-210	3/8	2 1/2	5 1/2	2 7/8	10
W30N-A-12-25	3/8	2 3/4	6 3/4	3 1/4	11 1/4
W30N-A-41-95	3/8	2 3/4	6 3/4	3 1/4	11 1/4
W30N-B-138-540	3/8	4	6 3/4	4 3/4	11 3/4

TH - Total Height between Bolt Centers as installed

CERTIFICATION DATA

TAG : _____

UNIT : _____

PLAN VIEW OF HANGER LOCATION:



_____ inch SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Material for One Set : Sets Required ONE	

DWN : _____ CHKD : _____ DATE : _____

DWG NO. : _____



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

350 Rabro Drive
Hauppauge, NY 11788
631/348-0282
FAX 631/348-0279

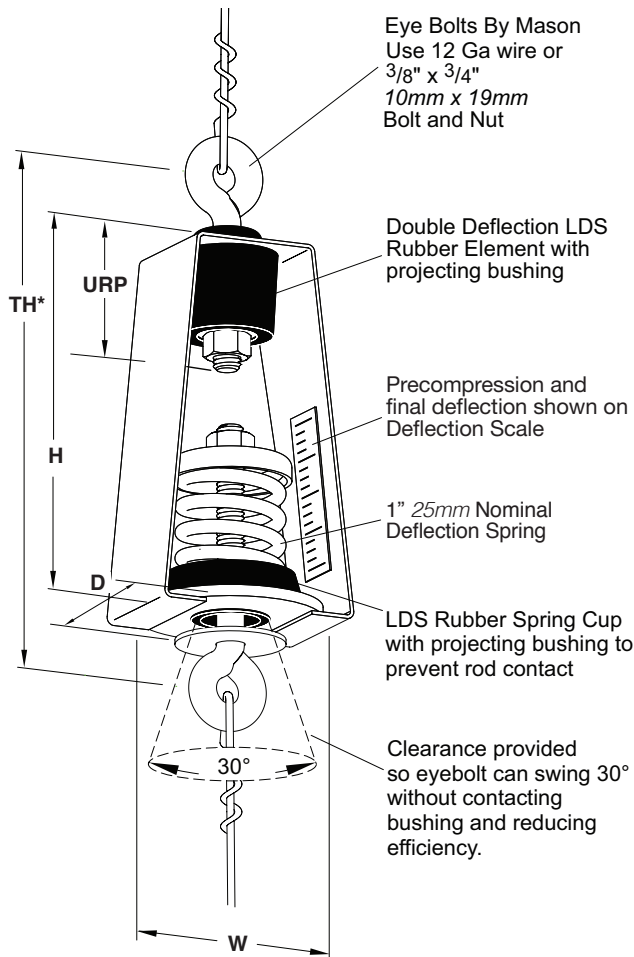
2101 W. Crescent Ave., Suite D
Anaheim, CA 92801
714/535-2727
FAX 714/535-5738

Info@Mason-Ind.com • www.Mason-Ind.com

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

SSW30N

Stainless Steel 316
1" 25mm Deflection
A, B & C Series
Ceiling Hangers



* 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.

TYPE SSW30N RATINGS

Type and Size	Rated Capacity (lbs) (kg)	Rated Deflection† (in) (mm)	Spring Constant†† (lbs/in) (kg/mm)	Avg LDS Deflection (in) (mm)	Spring Color Stripe
SSW30N-A-12	12 5	1.35 34	12 0.22	0.35 9	White
SSW30N-A-25	25 11	1.35 34	25 0.45		Black
SSW30N-A-40	40 18	1.35 34	40 0.72		Red
SSW30N-A-73	73 33	1.35 34	73 1.32		Green
SSW30N-A-100	100 45	1.35 34	100 1.81	0.35 9	Blue
SSW30N-B-115	115 52	1.35 34	115 2.08		Yellow
SSW30N-B-150	150 68	1.35 34	150 2.71		Purple
SSW30N-B-200	200 90	1.35 34	200 3.62		Silver
SSW30N-B-300	300 136	1.35 34	300 5.43		Brown
SSW30N-C-400	400 181	1.40 36	400 7.24	0.40 10	Orange
SSW30N-C-535	535 242	1.40 36	535 9.68		Tan

† includes double deflection LDS Rubber element.

†† applies to spring only.

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

All steel, including springs, is Stainless Steel 316.

TYPE SSW30N DIMENSIONS

Type and Size Range	D – Depth (in) (mm)	H – Height (in) (mm)	W – Width (in) (mm)	TH (in) (mm)	URP (in) (mm)
SSW30N-A-12-100	23/4 70	71/4 184	31/4 82	101/4 260	21/2 64
SSW30N-B-115-300	4 102	8 203	43/4 119	11 280	21/2 64
SSW30N-C-400-535	43/4 121	103/4 273	51/4 133	133/4 350	31/4 82

TH– Total Height between Bolt Centers as Installed

MASON LAYOUT DRAWING NO. _____

SIZE	QTY.	TAG



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

350 Rabro Drive
Hauppauge, NY 11788
631/348-0282
FAX 631/348-0279

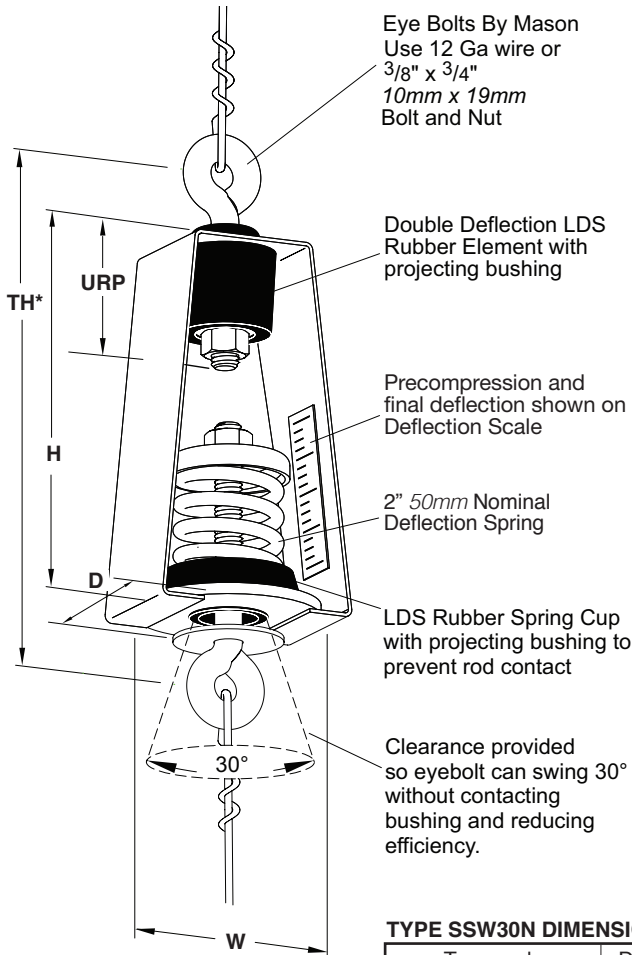
2101 W. Crescent Ave., Suite D
Anaheim, CA 92801
714/535-2727
FAX 714/535-5738

Info@Mason-Ind.com • www.Mason-Ind.com

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

SSW30N

Stainless Steel 316
2" 50mm Deflection
B, C, D, E, & F Series
Ceiling Hangers



* 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.

TYPE SSW30N RATINGS

Type and Size	Rated Capacity (lbs) (kg)		Rated Deflection† (in) (mm)		Spring Constant†† (lbs/in) (kg/mm)		Avg LDS Deflection (in) (mm)		Spring Color Stripe
SSW30N-B-30	30	14	2.35	59	15	0.27	0.35	9	White
SSW30N-B-45	45	20	2.35	59	23	0.41			Black
SSW30N-B-70	70	32	2.35	59	35	0.64			Red
SSW30N-C-100	100	45	2.40	60	50	0.91	0.40	10	Green
SSW30N-C-140	140	64	2.40	60	70	1.27			Blue
SSW30N-D-200	200	91	2.40	60	100	1.82	0.40	10	Yellow
SSW30N-D-275	275	125	2.40	60	138	2.50			Purple
SSW30N-E-375	375	170	2.40	60	188	3.41	0.40	10	Silver
SSW30N-F-500	500	227	2.40	60	250	4.55			Brown

† includes double deflection LDS Rubber element.

†† applies to spring only.

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

All steel, including springs, is Stainless Steel 316.

TYPE SSW30N DIMENSIONS

TH— Total Height between Bolt Centers as Installed

Type and Size Range	D – Depth (in) (mm)		H – Height (in) (mm)		W – Width (in) (mm)		TH (in) (mm)		URP (in) (mm)	
SSW30N-B-30-70	4	102	8	203	43/4	119	111/2	292	21/2	64
SSW30N-C-100-140	43/4	121	103/4	273	51/4	133	131/2	350	31/4	82
SSW30N-D-200-275	43/4	121	121/2	318	53/4	146	151/2	394	31/2	89
SSW30N-E-375	5	127	13	330	6	152	16	406	31/2	89
SSW30N-F-500	6	152	141/2	368	61/4	159	18	457	31/2	89

MASON LAYOUT DRAWING NO. _____

SIZE	QTY.	TAG