



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

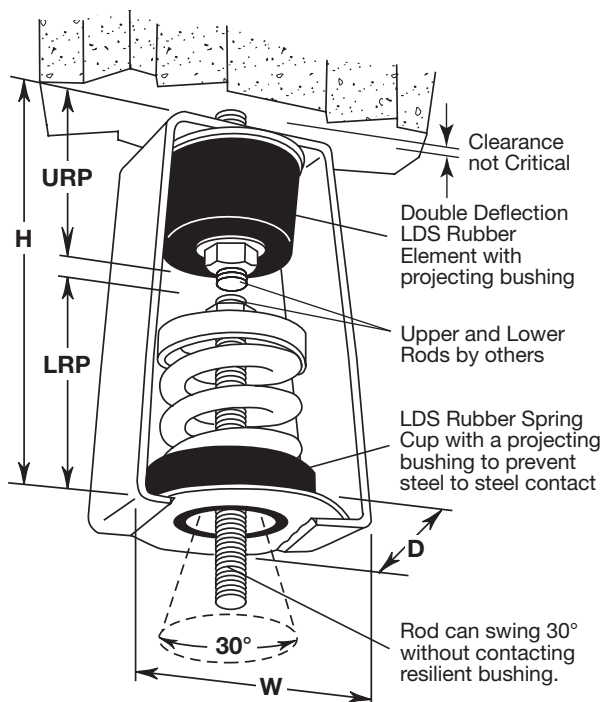
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www.Mason-Ind.com

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

30N

1" 25mm Deflection
X, A, B, C, D & F
Series Spring
Hangers



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

TYPE 30N 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
30N-X-12	12	5	1.45	37	10	0.18	0.20	5	Orange
30N-X-23	23	10	1.50	38	18	0.30			Brown
30N-X-33	33	15	1.30	33	30	0.54			Red
30N-X-54	54	24	1.40	36	45	0.80			White
30N-X-76	76	34	1.22	31	73	1.31			Black
30N-X-113	113	51	1.20	30	113	2.04			Yellow
30N-X-130	130	59	1.20	30	130	2.36			Purple
30N-X-175	175	79	1.20	30	175	3.16	0.35	9	Silver
30N-X-210	210	95	1.20	30	210	3.80			Blue
30N-A-12	12	5	1.35	34	12	0.20			Red
30N-A-18	18	8	1.35	34	18	0.32			Gray
30N-A-25	25	11	1.35	34	25	0.44			Orange
30N-A-41	41	19	1.53	39	35	0.63			Pink
30N-A-56	56	25	1.49	38	49	0.88			Black
30N-A-73	73	33	1.41	36	69	1.22	0.35	9	Tan
30N-A-95	95	43	1.36	35	94	1.65			Green
30N-B-138	138	63	1.67	42	105	1.88			White
30N-B-222	222	101	1.51	38	191	3.48			Blue
30N-B-278	278	126	1.44	37	255	4.50			Purple
30N-B-336	336	152	1.35	34	336	6.08			Silver
30N-B-410	410	186	1.42	36	385	6.89			Black
30N-B-540	540	245	1.35	34	540	9.80	0.40	10	Yellow
30N-C-630	630	286	1.53	39	558	9.86			Gray
30N-C-800	800	363	1.40	36	800	14.32			Orange
30N-C-1010	1010	458	1.50	38	920	16.36			Green
30N-C-1265	1265	574	1.40	36	1265	22.64			Red
30N-D-1575	1575	714	1.63	41	1280	23.03			Pink
30N-D-2150	2150	975	1.43	36	2095	37.50			Purple
30N-F-2760	2760	1252	1.40	36	2760	49.39	0.40	10	Silver

[†] includes double deflection LDS Rubber element.

^{††} applies to spring only.

TYPE 30N DIMENSIONS

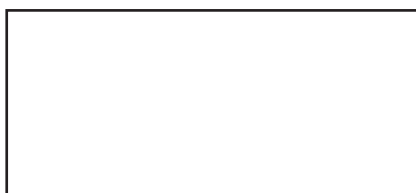
Size Range	D		H		W		LRP		URP		MRD	
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)
30N-X-12-210	2 1/2	64	5 1/2	140	2 7/8	73	3 1/4	83	1 3/4	44	3/8	10
30N-A-12-25	2 3/4	70	6 3/4	171	3 1/4	83	3 1/4	83	2 1/4	57	5/8	16
30N-A-41-95	2 3/4	70	6 3/4	171	3 1/4	83	3 5/8	92	2 1/4	57	5/8	16
30N-B-138-540	4	102	6 3/4	171	4 3/4	121	3 3/4	95	2 3/4	70	5/8	16
30N-C-630-1265	4 3/4	121	9	229	5 1/4	133	5	127	3 1/4	83	3/4	19
30N-D-1575-2150	4 3/4	121	12 1/2	318	5 3/4	146	7	178	4 1/4	108	7/8	22
30N-F-2760	6	152	14 1/2	368	6 1/4	159	7	178	5	127	7/8	22

LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

All springs have additional travel to solid equal to 50% of the Rated Deflection. Hanger elements have straight line deflection curves.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____
UNIT: _____



SPECIFIED DEFLECTION

1:	6:
2:	7:
3:	8:
4:	9:
5:	10:
Sets Required:	



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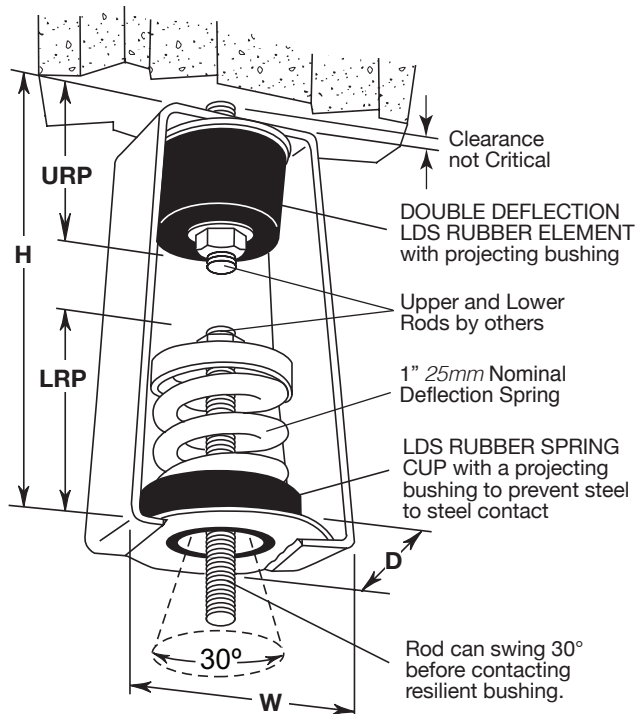
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

SS30N

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



TYPE SS30N 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
SS30N-A-12	12	5	1.35	34	12	0.22	0.35	9	White
SS30N-A-25	25	11	1.35	34	25	0.45			Black
SS30N-A-40	40	18	1.35	34	40	0.72			Red
SS30N-A-73	73	33	1.35	34	73	1.32			Green
SS30N-A-100	100	45	1.35	34	100	1.81			Blue
SS30N-B-115	115	52	1.35	34	115	2.08	0.35	9	Yellow
SS30N-B-150	150	68	1.35	34	150	2.71			Purple
SS30N-B-200	200	90	1.35	34	200	3.62			Silver
SS30N-B-300	300	136	1.35	34	300	5.43			Brown
SS30N-C-400	400	181	1.40	36	400	7.24	0.40	10	Orange
SS30N-C-535	535	242	1.40	36	535	9.68			Tan
SS30N-E-650	650	295	1.40	36	650	11.75	0.40	10	Gray
SS30N-E-875	875	397	1.40	36	875	15.84			White

† includes double deflection LDS Rubber element.

†† applies to spring only.

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

All steel, including springs, is Stainless Steel 316.

TYPE SS30N DIMENSIONS

Size Range	D – Depth (in) (mm)		H – Height (in) (mm)		W – Width (in) (mm)		LRP (in) (mm)		URP (in) (mm)		MRD (in) (mm)	
SS30N-A-12-100	23/4	70	71/4	184	31/4	82	41/2	115	21/2	64	5/8	16
SS30N-B-115-300	4	102	8	203	43/4	119	51/4	133	21/2	64	5/8	16
SS30N-C-400-535	43/4	121	103/4	273	51/4	133	61/4	159	31/4	82	3/4	19
SS30N-E-650	5	127	13	330	6	152	61/4	159	31/4	82	3/4	19
SS30N-E-875	5	127	13	330	6	152	8	203	31/4	82	3/4	19

LRP - Lower Rod Extension
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

All springs have additional travel to solid equal to 50% of the Rated Deflection. Hanger elements have straight line deflection curves.

NOTE: Standard sizes shown.
For heavier capacities,
consult factory.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____

UNIT: _____



SPECIFIED DEFLECTION

1:	6:
2:	7:
3:	8:
4:	9:
5:	10:
Sets Required:	



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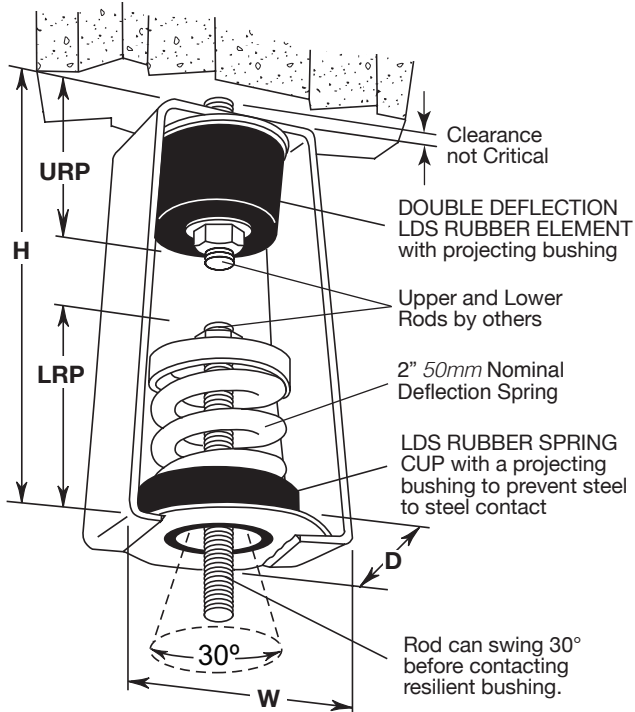
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M. _____
DWG No. _____

SS30N

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



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

TYPE SS30N DIMENSIONS

Type and Size Range	D – Depth (in) (mm)		H – Height (in) (mm)		W – Width (in) (mm)		LRP (in) (mm)		MRD (in) (mm)		URP (in) (mm)	
SS30N-B-30-70	4	102	8	203	43/4	119	6	152	5/8	16	21/2	64
SS30N-C-100-140	43/4	121	103/4	273	51/4	133	65/8	169	3/4	20	31/2	89
SS30N-D-200-275	43/4	121	121/2	318	53/4	146	8	203	3/4	20	31/2	89
SS30N-E-375	5	127	13	330	6	152	8	203	3/4	20	31/2	89
SS30N-F-500	6	152	141/2	368	61/4	159	101/2	266	3/4	20	31/2	89
SS30N-G-670	6	152	151/2	394	71/4	184	111/2	292	3/4	20	31/2	89

TYPE SS30N 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
SS30N-B-30	30	14	2.35	59	15	0.27			White
SS30N-B-45	45	20	2.35	59	23	0.41	0.35	9	Black
SS30N-B-70	70	32	2.35	59	35	0.64			Red
SS30N-C-100	100	45	2.40	60	50	0.91	0.40	10	Green
SS30N-C-140	140	64	2.40	60	70	1.27			Blue
SS30N-D-200	200	91	2.40	60	100	1.82	0.40	10	Yellow
SS30N-D-275	275	125	2.40	60	138	2.50			Purple
SS30N-E-375	375	170	2.40	60	188	3.41	0.40	10	Silver
SS30N-F-500	500	227	2.40	60	250	4.55	0.40	10	Brown
SS30N-G-670	670	305	2.40	60	335	6.09	0.40	10	Orange

[†] includes double deflection LDS Rubber element.

^{††} applies to spring only.

All steel, including springs, is Stainless Steel 316.

LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter

All springs have additional travel to solid equal to 50% of the Rated Deflection. Hanger elements have straight line deflection curves.

NOTE: Standard sizes shown.
For heavier capacities,
consult factory.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____

UNIT: _____



SPECIFIED DEFLECTION

1:	6:
2:	7:
3:	8:
4:	9:
5:	10:
Sets Required:	



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

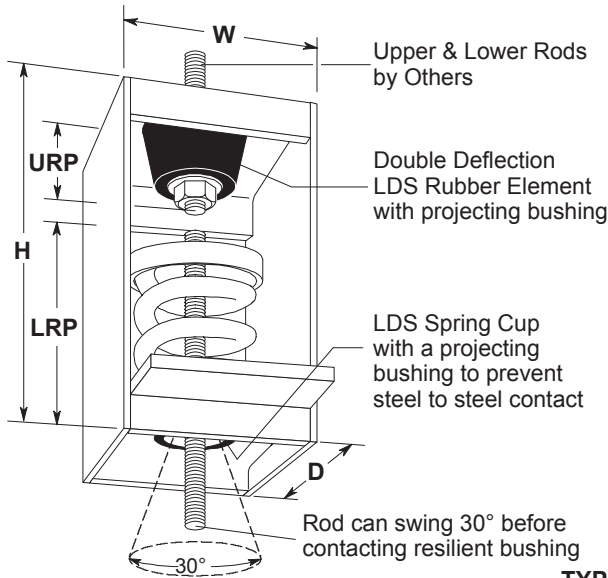
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

30N

2" Deflection
100 Series
Spring
Hangers

NOTE: Illustration shows typical construction.
Components vary depending on capacity.



LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter
SRD - Minimum Rod Diameter
(to maintain spring stability)

All springs have additional travel to solid equal to 50% of Rated Deflection.
Hanger elements have straight line deflection curves.

LDS stands for **Low Dynamic Stiffness**
Bridge Bearing Natural Rubber to minimize
noise and vibration transmission.

TYPE 30N RATINGS

Size	Rated Capacity (lbs) (kg)	Rated Deflection† (in) (mm)	Spring Constant†† (lbs/in)(kg/mm)	Avg. Defl. LDS Rubber Color/Stripe
30N-101	125 57	2.90 74	50 0.89	0.40 10 Purple
30N-102	200 91	2.90 74	80 1.42	0.40 10 Brown
30N-103	310 141	2.90 74	125 2.20	0.40 10 Pink
30N-104	500 227	2.90 74	200 3.55	0.40 10 Green
30N-105	740 336	2.80 71	310 5.51	0.40 10 Red
30N-106	1050 476	2.50 64	500 8.81	0.40 10 White
30N-107	1400 635	2.40 61	700 12.45	0.40 10 Blue
30N-108	1660 753	2.45 62	810 14.48	0.40 10 Silver
30N-109	2250 1021	2.40 61	1125 20.02	0.40 10 Orange
30N-110	3000 1361	2.40 61	1500 26.69	0.40 10 Gray
30N-111	4000 1814	2.40 61	2000 35.57	0.40 10 Tan
30N-112	5300 2404	2.40 61	2665 47.14	0.40 10 Black
30N-113	7100 3221	2.40 61	3550 63.16	0.40 10 Yellow
30N-114	9300 4218	2.40 61	4650 82.71	0.40 10 Blue/Orng
30N-115	12600 5715	2.40 61	6300 112.06	0.40 10 Blue/Red

†includes double deflection LDS element.

††applies to spring only.

TYPE 30N DIMENSIONS

Size	D (in)(mm)	H (in)(mm)	W (in) (mm)	LRP (in) (mm)	URP (in)(mm)	MRD (in)(mm)	SRD (in)(mm)
30N-101	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-102	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-103	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-104	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-105	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-106	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-107	5 127	13 1/2 343	6 152	7 1/2 191	3 1/4 83	7/8 22	5/8 16
30N-108	6 152	15 3/8 391	7 1/4 184	11 279	3 1/4 83	7/8 22	5/8 16
30N-109	6 152	15 3/8 391	7 1/4 184	11 279	3 1/4 83	7/8 22	5/8 16
30N-110	6 152	16 406	7 1/4 184	11 1/2 292	3 1/4 83	7/8 22	3/4 19
30N-111	6 152	16 406	7 1/4 184	11 1/2 292	3 1/4 83	7/8 22	3/4 19
30N-112	7 178	17 432	9 1/4 235	12 1/4 311	3 1/4 83	1 1/8 29	7/8 22
30N-113	7 178	17 432	9 1/4 235	12 1/4 311	3 1/4 83	1 1/8 29	7/8 22
30N-114	8 203	22 559	10 254	15 1/2 394	6 1/2 165	1 1/8 29	1 25
30N-115	8 203	22 559	10 254	15 1/2 394	6 1/2 165	1 1/8 29	1 25

PLAN VIEW OF HANGER LOCATIONS

TAG : _____
UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

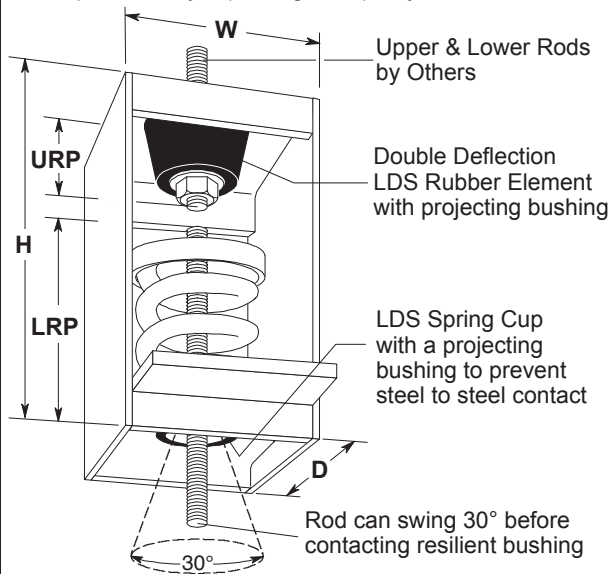
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

30N

3" Deflection
100 Series
Spring Hangers

NOTE: Illustration shows typical construction.
Components vary depending on capacity.



LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter
SRD - Minimum Rod Diameter
(to maintain spring stability)

All springs have additional travel to solid equal to 50% of Rated Deflection.
Hanger elements have straight line deflection curves.

LDS stands for **Low Dynamic Stiffness**
Bridge Bearing Natural Rubber to minimize noise and vibration transmission.

TYPE 30N RATINGS

Size	Rated Capacity (lbs) (kg)	Rated Deflection† (in) (mm)	Spring Constant†† (lbs/in)(kg/mm)	Avg. Defl. LDS (in)(mm)	Spring Color/ Stripe
30N-126	195 88	3.65 93	60 1.06	0.40 10	Purple
30N-127	280 127	3.65 93	85 1.53	0.40 10	Brown
30N-128	390 177	3.65 93	120 2.13	0.40 10	Orange
30N-129	520 236	3.65 93	160 2.84	0.40 10	Green
30N-130	710 322	3.65 93	220 3.88	0.40 10	Red
30N-131	940 426	3.65 93	290 5.13	0.40 10	White
30N-132	1280 581	3.65 93	395 7.00	0.40 10	Blue
30N-133	1770 803	3.65 93	545 9.67	0.40 10	Black
30N-134	2490 1129	3.65 93	765 13.60	0.40 10	Yellow
30N-135	3300 1497	3.65 93	1000 18.04	0.40 10	Gray
30N-136	4500 2041	3.65 93	1370 24.59	0.40 10	Blue/Brwn
30N-137	6200 2818	3.65 93	1900 33.95	0.40 10	Blue/Orng
30N-138	8300 3765	3.65 93	2560 45.36	0.40 10	Blue/Red
30N-139	11400 5171	3.65 93	3500 62.30	0.40 10	Blue/Wht

†includes double deflection LDS element.

††applies to spring only.

TYPE 30N DIMENSIONS

Size	D (in) (mm)	H (in) (mm)	W (in) (mm)	LRP (in)(mm)	URP (in)(mm)	MRD (in)(mm)	SRD (in)(mm)
30N-126	5 127	13 1/2 343	6 152	8 203	3 1/4 83	7/8 22	5/8 16
30N-127	5 127	13 1/2 343	6 152	8 203	3 1/4 83	7/8 22	5/8 16
30N-128	5 127	13 1/2 343	6 152	8 203	3 1/4 83	7/8 22	5/8 16
30N-129	5 127	13 1/2 343	6 152	8 1/2 216	3 1/4 83	7/8 22	5/8 16
30N-130	6 152	15 3/8 391	7 1/4 184	10 1/4 260	3 1/4 83	7/8 22	5/8 16
30N-131	6 152	15 3/8 391	7 1/4 184	11 279	3 1/4 83	7/8 22	5/8 16
30N-132	6 152	15 3/8 391	7 1/4 184	11 1/4 286	3 1/4 83	7/8 22	5/8 16
30N-133	7 1/2 191	17 1/2 445	8 1/4 210	12 1/4 311	3 1/4 83	7/8 22	3/4 19
30N-134	7 1/2 191	17 1/2 445	8 1/4 210	12 1/4 311	3 1/4 83	7/8 22	3/4 19
30N-135	7 1/2 191	17 1/2 445	8 1/4 210	12 1/4 311	3 1/4 83	7/8 22	3/4 19
30N-136	8 203	20 508	9 229	14 356	3 1/2 89	7/8 22	7/8 22
30N-137	9 229	24 610	11 279	16 406	6 1/2 165	1 1/8 29	1 25
30N-138	9 229	24 610	11 279	16 406	6 1/2 165	1 1/8 29	1 25
30N-139	9 229	25 1/2 648	11 279	17 1/2 445	6 1/2 165	1 1/8 29	1 25

PLAN VIEW OF HANGER LOCATIONS

TAG : _____
UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

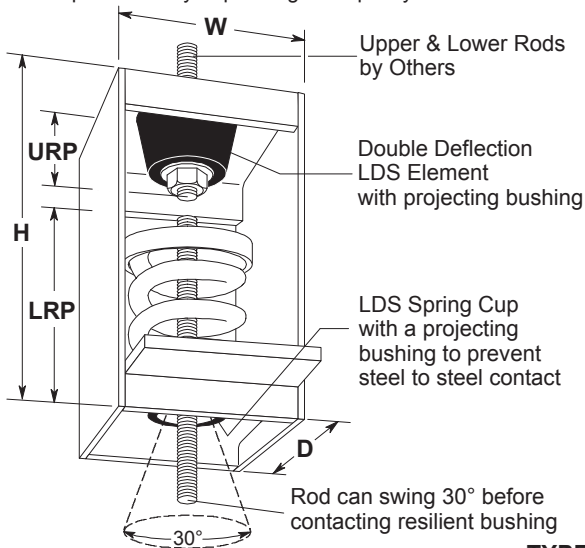
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

30N

4" Deflection
100 Series
Spring Hangers

NOTE: Illustration shows typical construction.
Components vary depending on capacity.



LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter
SRD - Minimum Rod Diameter
(to maintain spring stability)

All springs have additional travel to solid equal to 50% of Rated Deflection.
Hanger elements have straight line deflection curves.

LDS stands for **Low Dynamic Stiffness**
Bridge Bearing Natural Rubber to minimize noise and vibration transmission.

TYPE 30N RATINGS

Size	Rated Capacity (lbs)	Rated Capacity (kg)	Rated Deflection (in)	Rated Deflection (mm)	Spring Constant (lbs/in)	Spring Constant (kg/mm)	Avg. Defl. LDS (in)	Avg. Defl. LDS (mm)	Spring Color/Stripe
30N-150	240	109	4.78	121	55	0.98	0.40	10	Purple
30N-151	330	150	4.78	121	75	1.35	0.40	10	Brown
30N-152	420	191	4.78	121	95	1.72	0.40	10	Orange
30N-153	530	240	4.78	121	120	2.16	0.40	10	Green
30N-154	680	308	4.78	121	155	2.77	0.40	10	Red
30N-155	880	399	4.78	121	200	3.59	0.40	10	White
30N-156	1120	508	4.78	121	255	4.58	0.40	10	Blue
30N-157	1420	644	4.78	121	325	5.80	0.40	10	Black
30N-158	1840	835	4.78	121	420	7.52	0.40	10	Yellow
30N-159	2370	1075	4.78	121	540	9.68	0.40	10	Gray
30N-160	3000	1361	4.78	121	695	12.26	0.40	10	Blue/Brwn
30N-161	3900	1769	4.78	121	895	15.94	0.40	10	Blue/Red
30N-162	5100	2313	4.78	121	1155	20.84	0.40	10	Blue/Orng
30N-163	6500	2948	4.78	121	1485	26.56	0.40	10	Blue/Wht
30N-164	8400	3810	4.78	121	1910	34.32	0.40	10	Blue/Silver
30N-165	10800	4899	4.78	121	2455	44.41	0.40	10	Blue/Gray

†includes double deflection LDS element.

††applies to spring only.

TYPE 30N DIMENSIONS

Size	D (in)	D (mm)	H (in)	H (mm)	W (in)	W (mm)	LRP (in)	LRP (mm)	URP (in)	URP (mm)	MRD (in)	MRD (mm)	SRD (in)	SRD (mm)
30N-150	6	152	153/8	391	7 1/4	184	11	279	3 1/4	83	7/8	22	5/8	16
30N-151	6	152	153/8	391	7 1/4	184	11	279	3 1/4	83	7/8	22	5/8	16
30N-152	6	152	153/8	391	7 1/4	184	11	279	3 1/4	83	7/8	22	5/8	16
30N-153	6	152	153/8	391	7 1/4	184	11	279	3 1/4	83	7/8	22	5/8	16
30N-154	7 1/2	181	171/2	445	8 1/4	210	13 1/4	337	3 1/4	83	7/8	22	5/8	16
30N-155	7 1/2	181	171/2	445	8 1/4	210	13 1/4	337	3 1/4	83	7/8	22	5/8	16
30N-156	7 1/2	181	171/2	445	8 1/4	210	13 1/4	337	3 1/4	83	7/8	22	5/8	16
30N-157	7 1/2	181	171/2	445	8 1/4	210	13 1/4	337	3 1/4	83	7/8	22	5/8	16
30N-158	8	203	20	508	9	229	14 1/4	362	3 1/4	83	7/8	22	5/8	16
30N-159	8	203	20	508	9	229	14 1/4	362	3 1/4	83	7/8	22	5/8	16
30N-160	9	229	24	610	11	279	17	432	6 1/2	165	1 1/8	29	3/4	19
30N-161	9	229	24	610	11	279	17	432	6 1/2	165	1 1/8	29	3/4	19
30N-162	9 1/2	241	26 1/2	673	12 1/4	311	19	483	6 1/2	165	1 1/8	29	1	25
30N-163	9 1/2	241	26 1/2	673	12 1/4	311	19	483	6 1/2	165	1 1/8	29	1	25
30N-164	9 1/2	241	26 1/2	673	12 1/4	311	19	483	6 1/2	165	1 1/8	29	1	25
30N-165	10	254	28	711	12 1/4	311	21	533	6 1/2	165	1 1/8	29	1	25

PLAN VIEW OF HANGER LOCATIONS

TAG: _____

UNIT: _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	



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

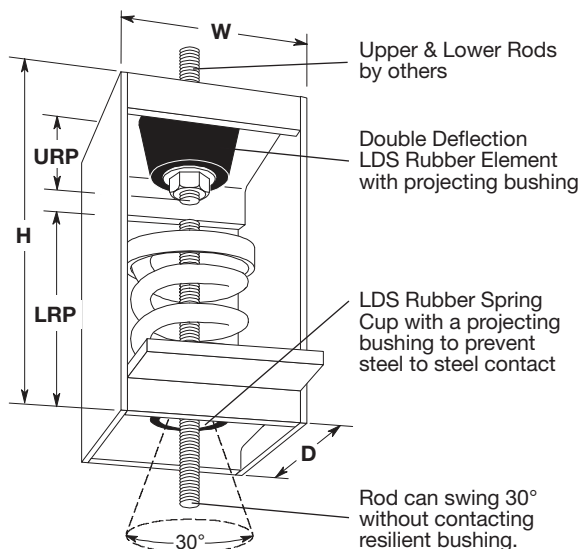
2101 W. Crescent Ave., Suite D
Anaheim, CA 92801
714/535-2727
FAX 714/535-5738
Info@MasonAnaheim.com
www.Mason-Ind.com

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

30N

5" 125mm Deflection
100 Series
Series Hangers

NOTE: Illustration shows typical construction.
Components vary depending on capacity.



TYPE 30N 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
30N-174	270	122	5.77	147	50	0.9	0.40	10	Purple
30N-175	320	145	5.77	147	60	1.1	0.40	10	Brown
30N-176	370	168	5.77	147	70	1.2	0.40	10	Orange
30N-177	460	209	5.77	147	85	1.5	0.40	10	Green
30N-178	560	254	5.77	147	105	1.9	0.40	10	Red
30N-179	670	304	5.77	147	125	2.2	0.40	10	White
30N-180	830	376	5.77	147	155	2.8	0.40	10	Blue
30N-181	1000	454	5.77	147	185	3.3	0.40	10	Black
30N-182	1240	562	5.77	147	230	4.1	0.40	10	Yellow
30N-183	1500	680	5.77	147	280	5.0	0.40	10	Gray
30N-184	1830	830	5.77	147	340	6.1	0.40	10	Pink
30N-185	2230	1012	5.77	147	415	7.4	0.40	10	Silver
30N-186	2710	1229	5.77	147	505	9.0	0.40	10	Tan
30N-187	3300	1497	5.77	147	615	11.0	0.40	10	Blue/Orange
30N-188	4100	1860	5.77	147	755	13.6	0.40	10	Blue/Red
30N-189	4900	2223	5.77	147	915	16.3	0.40	10	Blue/White
30N-190	6000	2722	5.77	147	1120	20.0	0.40	10	Blue/Yellow
30N-191	7300	3311	5.77	147	1365	24.3	0.40	10	Blue/Silver
30N-192	9000	4082	5.77	147	1670	29.9	0.40	10	Blue/Gray
30N-193	11000	4990	5.77	147	2040	36.6	0.40	10	Blue/Tan

† includes double deflection LDS Rubber element.

†† applies to spring only.

TYPE 30N DIMENSIONS

Size Range	D (in) (mm)		H (in) (mm)		W (in) (mm)		LRP (in) (mm)		URP (in) (mm)		MRD (in) (mm)		SRD (in) (mm)	
30N-174	7	178	16	406	9 1/4	235	13	330	3 1/4	83	3/4	16	5/8	16
30N-175	7	178	16	406	9 1/4	235	13	330	3 1/4	83	3/4	16	5/8	16
30N-176	7	178	16	406	9 1/4	235	13	330	3 1/4	83	3/4	16	5/8	16
30N-177	7	178	16	406	9 1/4	235	13	330	3 1/4	83	3/4	16	5/8	16
30N-178	7	178	16	406	9 1/4	235	13	330	3 1/4	83	3/4	16	5/8	16
30N-179	8	203	19	483	10	254	15	381	3 1/2	89	3/4	19	5/8	16
30N-180	8	203	19	483	10	254	15	381	3 1/2	89	3/4	19	5/8	16
30N-181	8	203	19	483	10	254	15	381	3 1/2	89	3/4	19	5/8	16
30N-182	8	203	19	483	10	254	15	381	3 1/2	89	3/4	19	5/8	16
30N-183	9	229	21	533	11 1/4	286	17	432	3 1/2	89	7/8	22	3/4	19
30N-184	9	229	21	533	11 1/4	286	17	432	3 1/2	89	7/8	22	3/4	19
30N-185	9	229	21	533	11 1/4	286	17	432	3 1/2	89	7/8	22	3/4	19
30N-186	9	229	21	533	11 1/4	286	17	432	3 1/2	89	7/8	22	3/4	19
30N-187	9 1/2	241	26 1/2	673	12 1/4	311	19	483	6 1/2	165	7/8	22	7/8	22
30N-188	9 1/2	241	26 1/2	673	12 1/4	311	19	483	6 1/2	165	7/8	22	7/8	22
30N-189	9 1/2	241	26 1/2	673	12 1/4	311	19	483	6 1/2	165	7/8	22	7/8	22
30N-190	10	254	28	711	12 1/4	311	21	533	6 1/2	165	1 1/8	29	1	25
30N-191	10	254	28	711	12 1/4	311	21	533	6 1/2	165	1 1/8	29	1	25
30N-192	10 1/2	267	30	762	13 1/4	337	23	584	6 1/2	165	1 1/8	29	1	25
30N-193	10 1/2	267	30	762	13 1/4	337	23	584	6 1/2	165	1 1/8	29	1	25

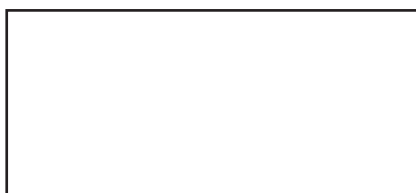
LDS stands for Low Dynamic Stiffness Bridge Bearing Natural Rubber to minimize noise and vibration transmission.

LRP - Lower Rod Penetration
URP - Upper Rod Penetration
MRD - Maximum Rod Diameter
SRD - Minimum Rod Diameter (to maintain spring stability)

All springs have additional travel to solid equal to 50% of the Rated Deflection. Hanger elements have straight line deflection curves.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____
UNIT: _____



SPECIFIED DEFLECTION

1:	6:
2:	7:
3:	8:
4:	9:
5:	10:
Sets Required:	



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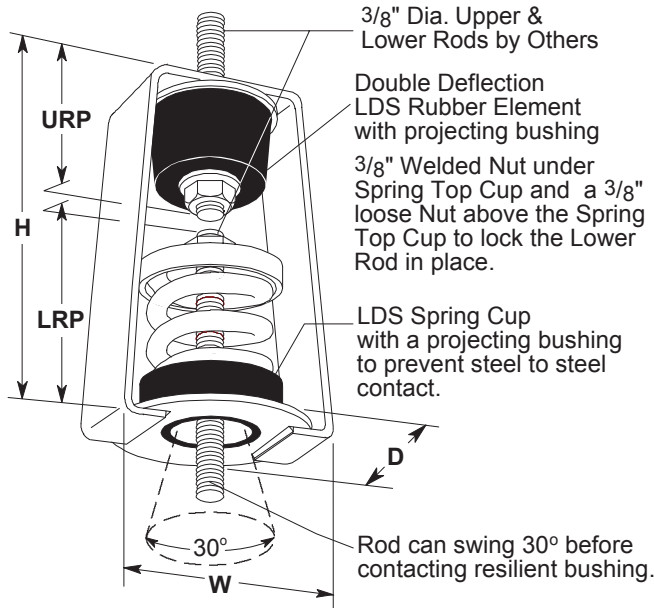
Manufacturers of Vibration Control Products

350 Rabro Drive 2101 W. Crescent Ave., Suite D
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FAX 631/348-0279 FAX 714/535-5738
Info@Mason-Ind.com Info@MasonAnaheim.com
www.Mason-Ind.com

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

30N

3" Deflection
1000 Series
Low Capacity
Spring Hangers



LRP-Lower Rod Penetration
URP-Upper Rod Penetration
SRD - Minimum Rod Diameter Recommended to maintain spring stability.
MRD-Maximum Rod Dia.

TYPE 30N DIMENSIONS

D	H	W	LRP	URP	SRD	MRD
(in) (mm)	(in)(mm)	(in) (mm)	(in)(mm)	(in)(mm)	(in) (mm)	(in)(mm)
4 3/4 120	10 254	5 1/4 133	7 178	2 51	3/8 10	3/8 10

TYPE 30N RATINGS

Size	Rated Capacity (lbs) (kg)	Rated Deflection† (in) (mm)	Spring Constant†† (lbs/in)(kg/mm)	Avg. Defl. LDS Rubber (in)(mm)	Spring Color/Stripe
30N-1082	15 7	3.40 86	5 0.90	0.40 10	Silver/Red
30N-1083	24 11	3.40 86	8 0.14	0.40 10	Silver/Blue
30N-1084	33 15	3.40 86	11 0.20	0.40 10	Silver/Green
30N-1085	48 22	3.40 86	16 0.29	0.40 10	Black
30N-1086	60 27	3.40 86	20 0.35	0.40 10	Grey
30N-1087	75 34	3.40 86	25 0.45	0.40 10	Blue
30N-1088	111 50	3.40 86	37 0.66	0.40 10	Green
30N-1089	150 68	3.40 86	50 0.90	0.40 10	Purple
30N-1090	195 89	3.40 86	65 1.17	0.40 10	Tan
30N-1091	270 123	3.40 86	90 1.62	0.40 10	Yellow

†includes double deflection LDS 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.

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

SPRING DATA

Spring OD (in) (mm)	Free Ht. (in) (mm)	Ratio K_x/K_y	Ratio OD/OH
2 7/8 73	5 1/4-6 133-152	0.65-0.85	0.96 - 1.27

PLAN VIEW OF HANGER LOCATIONS

TAG : _____
UNIT : _____



SPECIFIED DEFLECTION

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	



MASON INDUSTRIES, Inc.

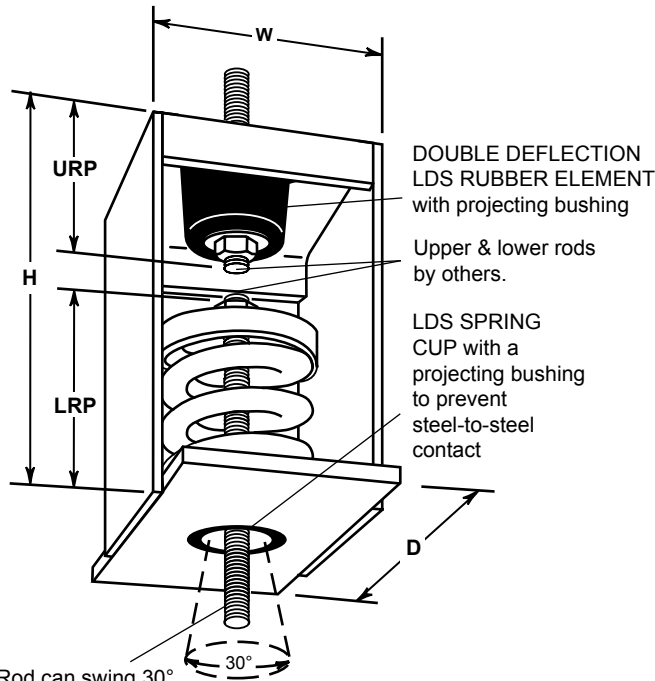
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Info@Mason-Ind.com Info@MasonAnaheim.com
www.Mason-Ind.com

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

30N

4" Deflection
1000 Series
Low Capacity
Spring Hangers



LRP-Lower Rod Penetration
MRD-Maximum Rod Dia.
RRD - Minimum Rod Diameter Recommended to maintain spring stability.
URP-Upper Rod Penetration

TYPE 30N DIMENSIONS

D	H	W	LRP	MRD	RRD	URP
(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)	(in) (mm)
6 152	14 356	7 1/4 184	10 254	3/4 19	5/8 16	3 1/4 83

SPRING DATA

Spring OD	Free Ht.	Ratio K _x /K _y	Ratio OD/OH
(in) (mm)	(in) (mm)		
41/2 114	71/4-81/4	133-152	0.70 - 0.75 1.16 - 1.55

TYPE 30N RATINGS

Size	Rated Capacity (lbs) (kg)	Rated Deflection† (in) (mm)	Spring Constant†† (lbs/in) (kg/mm)	Avg. Defl. Rubber LDS (in) (mm)	Spring Color/Stripe
30N-1006	50 23	4.78 114	11 0.22	0.40 10	Black/Brown
30N-1007	65 29	4.78 114	15 0.28	0.40 10	Black/Orange
30N-1008	80 36	4.78 114	18 0.35	0.40 10	Black/Green
30N-1009	100 45	4.78 114	23 0.43	0.40 10	Black/Red
30N-1010	130 59	4.78 114	30 0.57	0.40 10	Black/White
30N-1011	160 73	4.78 114	37 0.70	0.40 10	Black/Yellow
30N-1012	190 86	4.78 114	46 0.83	0.40 10	Black/Silver

† includes double deflection LDS 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.

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

PLAN VIEW OF HANGER LOCATIONS

_____ SPECIFIED DEFLECTION

TAG : _____

UNIT : _____

1 :	6 :
2 :	7 :
3 :	8 :
4 :	9 :
5 :	10 :
Sets Required:	

