



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

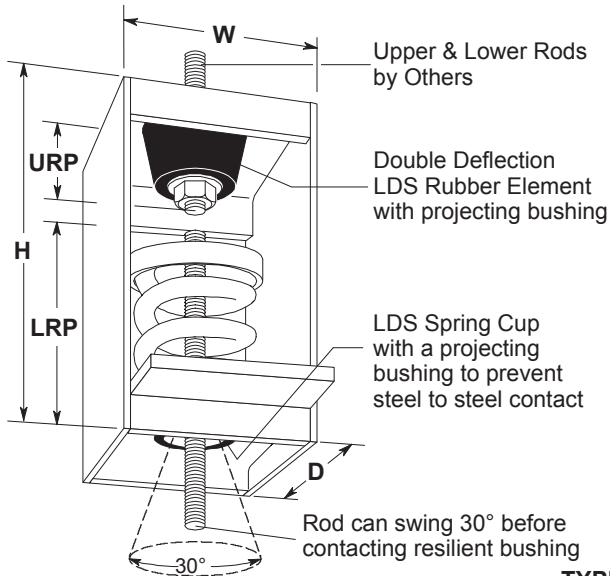
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JOB NAME _____
CUSTOMER _____
CUSTOMER P.O. _____
MASON M.I. _____
DWG. NO. _____

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 (in) (mm)
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:	