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JOB NAME _____

CUSTOMER _____

CUSTOMER P.O. _____

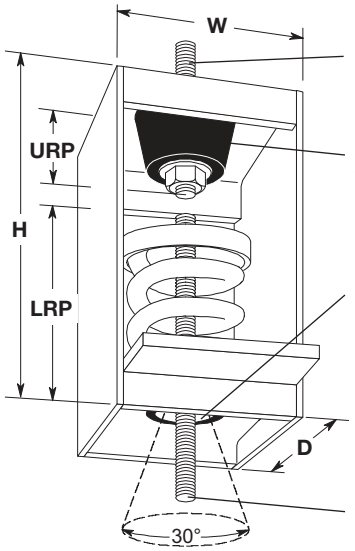
MASON M. _____

DWG No. _____

30N

5" 125mm Deflection
100 Series
Series Hangers

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



Upper & Lower Rods by others

Double Deflection LDS Rubber Element with projecting bushing

LDS Rubber Spring Cup with a projecting bushing to prevent steel to steel contact

Rod can swing 30° without contacting resilient bushing.

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			Purple
30N-175	320	145	5.77	147	60	1.1			Brown
30N-176	370	168	5.77	147	70	1.2			Orange
30N-177	460	209	5.77	147	85	1.5			Green
30N-178	560	254	5.77	147	105	1.9			Red
30N-179	670	304	5.77	147	125	2.2			White
30N-180	830	376	5.77	147	155	2.8			Blue
30N-181	1000	454	5.77	147	185	3.3			Black
30N-182	1240	562	5.77	147	230	4.1			Yellow
30N-183	1500	680	5.77	147	280	5.0	10	0.40	Gray
30N-184	1830	830	5.77	147	340	6.1			Pink
30N-185	2230	1012	5.77	147	415	7.4			Silver
30N-186	2710	1229	5.77	147	505	9.0			Tan
30N-187	3300	1497	5.77	147	615	11.0			Blue/Orange
30N-188	4100	1860	5.77	147	755	13.6			Blue/Red
30N-189	4900	2223	5.77	147	915	16.3			Blue/White
30N-190	6000	2722	5.77	147	1120	20.0			Blue/Yellow
30N-191	7300	3311	5.77	147	1365	24.3			Blue/Silver
30N-192	9000	4082	5.77	147	1670	29.9			Blue/Gray
30N-193	11000	4990	5.77	147	2040	36.6			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	91/4	235	13	330	31/4	83	3/4	16	5/8	16
30N-175	7	178	16	406	91/4	235	13	330	31/4	83	3/4	16	5/8	16
30N-176	7	178	16	406	91/4	235	13	330	31/4	83	3/4	16	5/8	16
30N-177	7	178	16	406	91/4	235	13	330	31/4	83	3/4	16	5/8	16
30N-178	7	178	16	406	91/4	235	13	330	31/4	83	3/4	16	5/8	16
30N-179	8	203	19	483	10	254	15	381	31/2	89	3/4	19	5/8	16
30N-180	8	203	19	483	10	254	15	381	31/2	89	3/4	19	5/8	16
30N-181	8	203	19	483	10	254	15	381	31/2	89	3/4	19	5/8	16
30N-182	8	203	19	483	10	254	15	381	31/2	89	3/4	19	5/8	16
30N-183	9	229	21	533	111/4	286	17	432	31/2	89	7/8	22	3/4	19
30N-184	9	229	21	533	111/4	286	17	432	31/2	89	7/8	22	3/4	19
30N-185	9	229	21	533	111/4	286	17	432	31/2	89	7/8	22	3/4	19
30N-186	9	229	21	533	111/4	286	17	432	31/2	89	7/8	22	3/4	19
30N-187	91/2	241	261/2	673	121/4	311	19	483	61/2	165	7/8	22	7/8	22
30N-188	91/2	241	261/2	673	121/4	311	19	483	61/2	165	7/8	22	7/8	22
30N-189	91/2	241	261/2	673	121/4	311	19	483	61/2	165	7/8	22	7/8	22
30N-190	10	254	28	711	121/4	311	21	533	61/2	165	11/8	29	1	25
30N-191	10	254	28	711	121/4	311	21	533	61/2	165	11/8	29	1	25
30N-192	101/2	267	30	762	131/4	337	23	584	61/2	165	11/8	29	1	25
30N-193	101/2	267	30	762	131/4	337	23	584	61/2	165	11/8	29	1	25

LDS stands for **L**ow **D**ynamic **S**tiffness 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)

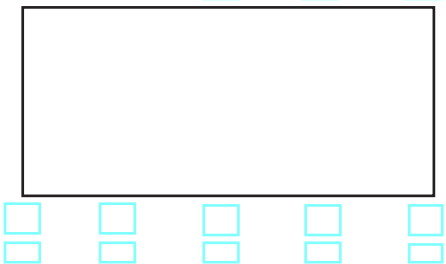
All springs have additional travel to solid equal to 50% of the Rated Deflection. Hanger elements have straight line deflection curves.

PLAN VIEW OF HANGER LOCATIONS

TAG: _____

UNIT: _____

Click with mouse for each location >



_____ **SPECIFIED DEFLECTION**

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

Certification Form S-621 04/2009	DWN	CHKD	DATE	DWG No.