



MASON INDUSTRIES, Inc.

Manufacturers of Vibration Control Products

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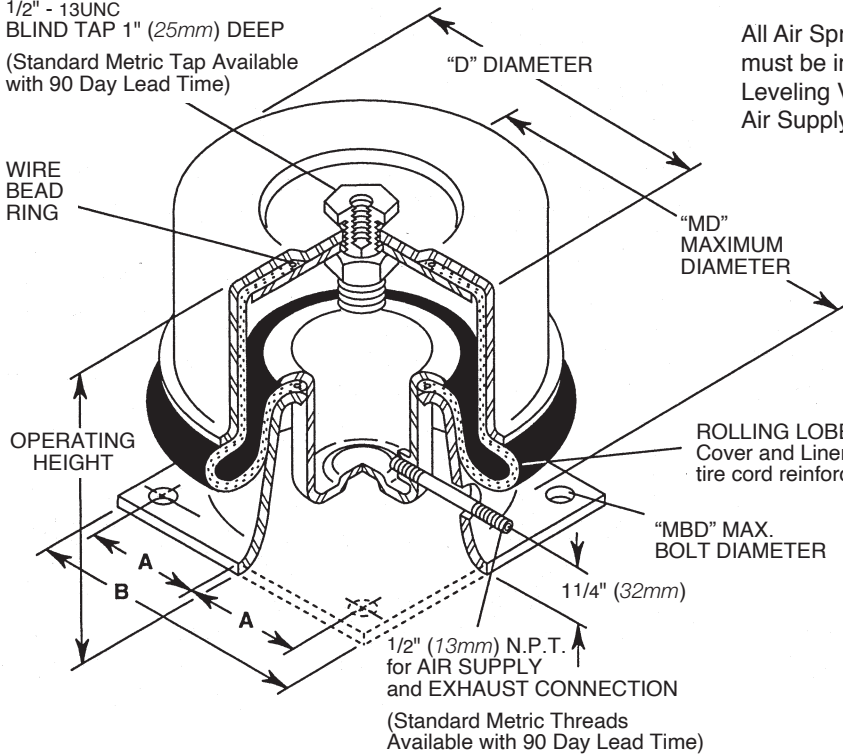
JOB NAME _____
 CUSTOMER _____
 CUSTOMER P.O. _____
 MASON M.I. _____
 DWG. NO. _____

MAS

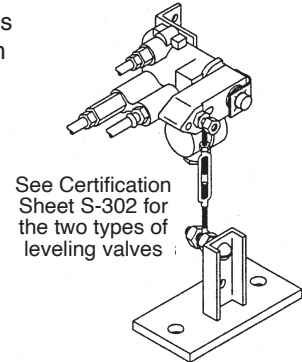
Rolling Lobe
Air Springs

1/2" - 13UNC
 BLIND TAP 1" (25mm) DEEP
 (Standard Metric Tap Available
 with 90 Day Lead Time)

WIRE
 BEAD
 RING

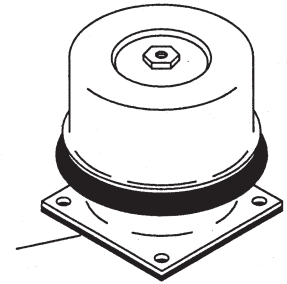


All Air Spring Systems
 must be installed with
 Leveling Valves and
 Air Supply Systems.



See Certification
 Sheet S-302 for
 the two types of
 leveling valves :

ROLLING LOBE (Neoprene
 Cover and Liner with Nylon
 tire cord reinforcement)



OPTIONAL
 1/4" (6mm)
 FRICTION PAD
 ON BOTTOM

1/2" (13mm) N.P.T.
 for AIR SUPPLY
 and EXHAUST CONNECTION
 (Standard Metric Threads
 Available with 90 Day Lead Time)

**Note: Frequency
 based on shape of
 load deflection curve**

MAS DIMENSIONS

Size	Operating Height (in)	A (in)	B (in)	D (in)	MBD (in)	MD (in)
MAS-3000	8 1/4	2 1/2	6 1/8	6	5/16	7 1/4
MAS-6800	8 1/4	3 5/8	8 5/8	9	5/16	10 1/2
MAS-12000	8 1/4	4 3/4	11 1/2	12	3/8	14

MAS RATINGS

Size	Min Load at 10 psi (lbs)	Max Recommended Load at 80 psi (lb)	Max Load at 100 psi (lb)	APPROXIMATE FREQUENCY	
				CPM	Hz
MAS-3000	300	2400	3000	84	1.4
MAS-6800	680	5440	6800	84	1.4
MAS-12000	1200	9600	12000	78	1.3

MAS METRIC DIMENSIONS

Size	Operating Height (mm)	A (mm)	B (mm)	D (mm)	MBD (mm)	MD (mm)
MAS-3000	209	64	156	152	8	184
MAS-6800	209	92	219	229	8	267
MAS-12000	209	121	292	305	10	356

MAS METRIC RATINGS

Size	Min Load at 0.704kg/cm ² (kg)	Max Recommended Load at 5.63kg/cm ² (kg)	Max Load at 7.04kg/cm ² (kg)	APPROXIMATE FREQUENCY	
				CPM	Hz
MAS-3000	136	1088	1360	84	1.4
MAS-6800	309	2472	3090	84	1.4
MAS-12000	545	4360	5455	78	1.3

PLAN VIEW OF MOUNT LOCATIONS

TAG : _____

UNIT : _____



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