

# VIBCO MLTSS, MHISS STAINLESS PNEUMATIC, CONTINUOUS/INTERMITTENT DUTY

MLTSS-320  
MHISS-320



MLTSS-190  
MHISS-190



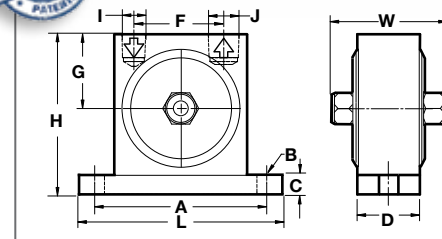
MLTSS-130  
MHISS-130



With high speed sealed bearings that are pre-lubricated for life, the MLT Vibrators (like the MLTSS shown above) are virtually maintenance free.

- **MLTSS SERIES** are Continuous Duty
- **MHISS SERIES** are High Speed, Fast Start, Intermittent Duty
- **MLTSS & MHISS Series Can Be Made from 2 Grades of Stainless Steel - Standard 303 or Optional 316L**
- **Ideal for Sanitary Applications Even in Harsh Chemical Environments.**
- **Other Sanitary Finishes Available**
- **Quiet, Meets OSHA Standards**
- **No Lubrication Required**

Oversized bearings give these vibrators additional strength, durability and long life. Designed with slotted mounting hole for easy installation on many bolt patterns. The tapped exhaust ports allow exhausting air to be piped off to ensure a clean environment or a muffler should be installed to lessen the noise of exhausting air.



## Dimensions

Model	L		W		H		A**		B*		C		D		F		G		I	J
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	NPT	NPT
MLTSS-130	3-1/2	89	1-7/8	48	2-1/2	64	2-3/4	70	1/4	6	1/2	13	1	25	1-7/16	37	1-1/8	29	1/8	1/4
MLTSS-190	4-1/2	114	3-3/8	86	3-3/16	81	3-1/2	89	3/8	10	5/8	16	1-13/16	46	1-15/16	49	1-1/2	38	1/4	3/8
MLTSS-320	6-3/8	162	4	102	4-1/4	108	5	127	1/2	13	13/16	21	2	51	2-13/16	71	2-1/16	52	3/8	1/2
MHISS-130	3-1/2	89	1-7/8	48	2-1/2	64	2-3/4	70	1/4	6	1/2	13	1	25	1-7/16	37	1-3/16	29	1/8	1/4
MHISS-190	4-1/2	114	3-3/8	86	3-3/16	81	3-1/2	89	3/8	10	5/8	16	1-13/16	46	1-15/16	49	1-3/4	44	1/4	3/8
MHISS-320	6	152	4	102	4-1/4	108	5	127	1/2	13	13/16	21	2	51	2-13/16	71	2-1/8	54	3/8	1/2

\* Max. mounting bolt diameter    \*\* Alternate bolt patterns available. Consult factory.    NOTE: Material, Dimensions & Data subject to change without notice • Dimensions ±1/16"



## Technical Data



Model	Weight		60 PSI (4 Bar)				80 PSI (5.5 Bar)				Sound*	Max. Weight** of Material in Bin Slope Area	
			Vibration per min.	Cubic ft. per min.	Centrifugal Force		Vibration per min.	Cubic ft. per min.	Centrifugal Force				
	lbs.	kg.	VPM	CFM air	lbs.	Newtons	VPM	CFM air	lbs.	Newtons	dB	lbs.	kg.
MLTSS-130	2	0.9	7,500	4.5	50	225	10,500	5.5	75	335	68	750	340
MLTSS-190	7	3.2	7,000	7.5	160	710	12,000	8.5	270	1,200	71	2,700	1,225
MLTSS-320	13	6.0	5,000	9.0	510	2,270	6,000	10.0	965	4,295	70	9,650	4,380
MHISS-130	2	0.9	17,200	4.5	200	890	21,000	5.5	300	1,340	68	3,000	1,360
MHISS-190	7	3.2	8,000	7.5	335	1,490	10,500	8.5	575	2,560	71	5,750	2,610
MHISS-320	13	6.0	7,200	9.0	675	3,000	10,000	10.0	1,300	5,780	70	13,000	5,900

\* Decibel from A-scale at 1 meter and 80 PSI

\*\* Rule of thumb for sizing: One lb. vibrator force to each 10 lbs. of bin content at 80 PSI

NOTE: • Data obtained on laboratory test block  
• Frequency and force will decrease on less rigid mount  
• Data subject to design changes