

MARTIN® NTS™ 120-350 Non-Impacting Linear Vibrators

Lubrication-free! Quiet! Energy-efficient!

ATEX
Certified

MARTIN® NTS™ 120-350 Non-Impacting Linear Vibrators provide powerful force to move materials in small bins and hoppers. The ability to control both the frequency and amplitude independently makes the MARTIN® NTS™ Vibrator a great choice for small feeder drives.

Lubrication-free. Ideal for food, pharmaceutical and chemical applications. All Units are explosion-proof and wash-down safe. NTS 120, NTS 180, NTS 250 and NTS 350 body sizes are available in normal and high-frequency models.



All units are now available in stainless steel.

FEATURES

No Lubrication Required*

MARTIN® NTS™ Linear Vibrators are lubrication-free, eliminating the use of messy, maintenance-intensive lubricators. No oil mist is discharged into the atmosphere. *Lubrication is required when air is dried by refrigerant method.

Quiet

Noise levels are 60 to 65 dBA, well below regulatory limits.

Energy-Efficient

The most energy-efficient pneumatic vibrators available. Instant-on, instant-off. Frequency and amplitude adjust independently.

Sanitary Design

Special coating system sheds material buildup, won't flake off.

Durable

Perfect for high wash down areas.

Additional Specifications

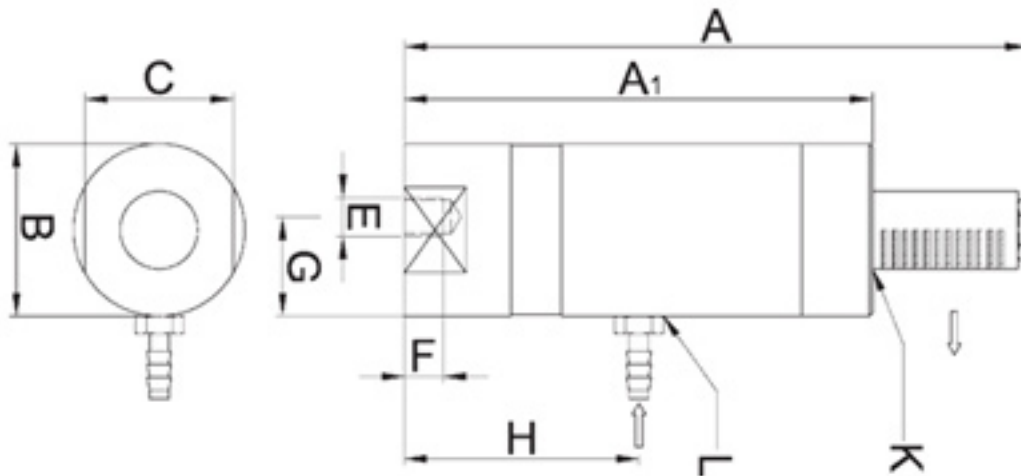
- Air pressure range: 30-60 psi
- Operating temperature: 32°-250°F
- Air Preparation: 5-micron filter, pressure regulator & 3-way control valve.
- Force (maximum): 101 force-lbs.
- Warranty: 3-years when operated within recommendations.
- Included: Muffler, nipple & fasteners.

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DIMENSIONS

	A	A1	B	C	E	F	G	H	K	L
NTS 120 HF	3.84(97.5)	2.76(70)	1.08(27.5)	SW21	M 8	0.43(11)	0.65(16.5)	1.36(34.5)	1/8"	1/8"
NTS 120 NF	4.92(125)	3.84(97.5)	1.08(27.5)	SW21	M 8	0.43(11)	0.65(16.5)	1.91(48.5)	1/8"	1/8"
NTS 180 HF	4.27(108)	2.87(73)	1.32(33.5)	SW27	M 10	0.39(10)	0.77(19.5)	1.4(35.5)	1/4"	1/8"
NTS 180 NF	5.77(146)	4.35(110)	1.32(33.5)	SW27	M 10	0.39(10)	0.77(19.5)	2.12(53.8)	1/4"	1/8"
NTS 250 HF	5.73(145)	3.86(98)	1.64(41.5)	SW36	M 12	0.47(12)	0.94(24)	1.93(49)	3/8"	1/8"
NTS 250 NF	7.48(190)	5.55(141)	1.64(41.5)	SW36	M 12	0.47(12)	0.94(24)	2.78(70.5)	3/8"	1/8"
NTS 350 HF	5.77(146)	3.9(99)	2.09(53)	SW46	M 12	0.47(12)	1.2(30.5)	1.95(49.5)	3/8"	1/4"
NTS 350 NF	7.6(193)	5.71(145)	2.09(53)	SW46	M 12	0.47(12)	1.2(30.5)	2.85(72.5)	3/8"	1/4"
inches(mm)										

NTS™ 120-350 NON IMPACTING VIBRATORS



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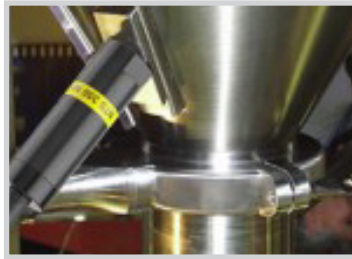
PERFORMANCE

	WORKING MOMENT IN-LB. (CM-KG)		FREQUENCY		FORCE LBS. (N)		AIR CONSUMPTION CFM (L/MIN)	
	30 PSI(2 BAR)	60 PSI(4.1 BAR)	30 PSI(2 BAR)	60 PSI(4.1 BAR)	30 PSI(2 BAR)	60 PSI(4.1 BAR)	30 PSI(2 BAR)	60 PSI(4.1 BAR)
NTS 120HF	0.01(.018)	0.01(.018)	6280	7920	9(40)	14(63)	.35(10)	.81(36)
NTS 120NF	0.02(.038)	0.03(.046)	3871	4510	7(32)	12(52)	.25(7)	.46(19)
NTS 180HF	0.03(.035)	0.03(.045)	5520	6880	13(59)	26(116)	.53(15)	1.45(67)
NTS 180NF	0.09(.138)	0.13(.149)	3000	4160	15(68)	32(141)	.49(14)	1.25(57)
NTS 250HF	0.13(.152)	0.17(.190)	3654	4756	25(111)	53(235)	.74(21)	2.23(105)
NTS 250NF	0.31(.402)	0.46(.475)	2328	3100	27(119)	56(251)	.71(20)	2.11(99)
NTS 350HF	0.22(.208)	0.3(.308)	3866	4754	40(179)	90(399)	1.31(37)	3.04(135)
NTS 350NF	0.52(.756)	0.76(.932)	2412	3077	54(241)	109(486)	.92(26)	2.4(110)
NTS 100/01	.23(.33)	.3(.43)	3920	4640	63(281)	115(513)	1.17(33)	3.78(181)

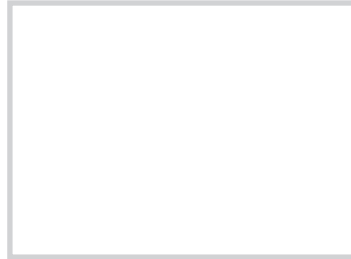
PHOTOS



MARTIN® NTS™
on filling spout.



MARTIN® NTS™ 350 NF
on stainless steel hopper.



MARTIN® NTS™ 50
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