

MARTIN® NCB™ Sanitary Ball Vibrators

Sanitary coating—perfect for food and pharmaceutical applications!

MARTIN® NCB™ Ball Vibrators provide powerful, efficient, rotary vibratory force for activating solids in bins, hoppers, chutes, screens and feeders. These vibrators are especially suited for fine, dry materials that respond to high-frequency. Parts handling, circuit board manufacturing and bottling plant applications are ideal for the MARTIN® NCB™ Ball Vibrator Series.



FEATURES

Sanitary

Special coating system sheds material and will not flake off. The end cap is stainless steel. MARTIN® NCB™ Ball Vibrators are wash-down safe and explosion-proof.

Interchangeable

The MARTIN® NCB™ Ball Vibrators are totally interchangeable with the MARTIN® NCT™ Turbine Vibrators. This is important if the usage of the vibrator increases or the noise level needs to be reduced. MARTIN® NCT™ Turbine Vibrators should be used if the units operate more than 3 hours per day or if the vibrators must operate in a lubrication-free environment. The noise level reductions gained from the MARTIN® NCT™ Turbine Vibrators are from 5-20 dBA.

Additional Specifications

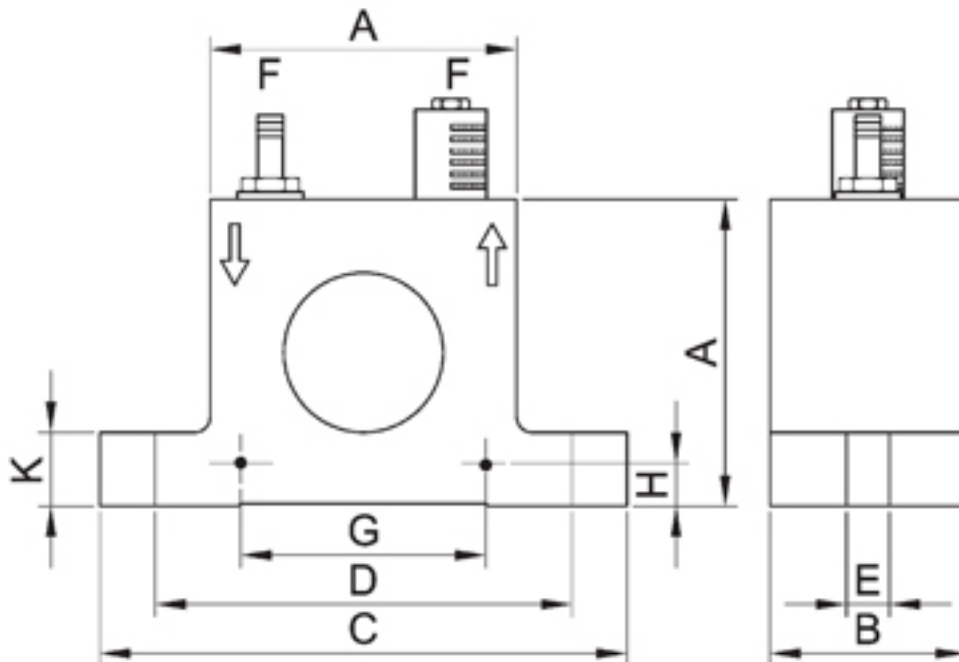
- Air pressure range: 30 – 60 psi
- Operating Temperature: Max. 250° F
- Air Preparation: 5-micron filter, pressure regulator, lubricator
- Force (maximum): 1,434 force-lbs.
- Warranty: 1-year when operated within recommendations.
- Included: Muffler and nipple.

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DIMENSIONS

	A	B	C	D	E	F	G	H	K
NCB 1	1.97(50)	0.71(18)	3.39(86)	2.68(68)	0.28(7)	1/8"	1.57(40)	0.3(7)	0.47(12)
NCB 2	1.97(50)	0.71(18)	3.39(86)	2.68(68)	0.28(7)	1/8"	1.57(40)	0.28(7)	0.47(12)
NCB 3	2.56(65)	1.02(26)	4.45(113)	3.54(90)	0.35(9)	1/4"	1.97(50)	0.35(9)	0.63(63)
NCB 5	2.56(65)	1.02(26)	4.45(113)	3.54(90)	0.35(9)	1/4"	1.97(50)	0.35(9)	0.63(16)
NCB 10	3.15(80)	1.46(37)	5.04(128)	4.09(104)	0.35(9)	1/4"	2.36(60)	.39(10)	0.63(16)
NCB 20	3.15(80)	1.46(37)	5.04(128)	4.09(104)	0.35(9)	1/4"	2.36(60)	.39(10)	0.63(16)
NCB 50	3.94(100)	1.97(50)	6.3(160)	5.12(130)	0.43(11)	3/8"	3.15(80)	0.47(12)	0.79(20)
NCB 70	3.94(100)	1.97(50)	6.3(160)	5.12(130)	0.43(11)	3/8"	3.15(80)	0.47(12)	0.79(20)
inches (mm)									

NCB SANITARY BALL VIBRATOR

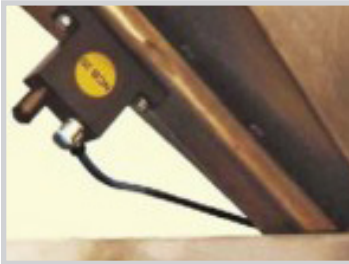


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PERFORMANCE

	FREQUENCY		FORCE LBS. (N)		AIR CONSUMPTION CFM(L/MIN)	
	30psi (2bar)	60psi (4.1bar)	30psi (2bar)	60psi (4.1bar)	30psi (2bar)	60psi (4.1bar)
NCB 1	28460	37060	49.91(222)	84.75(377)	1.34 (38)	2.65(75)
NCB 2	22880	31160	58.00(258)	107.68(479)	1.34 (38)	2.70(76.5)
NCB 3	17100	21600	104.54(465)	166.81(742)	2.86(81)	5.30(150)
NCB 5	15220	19180	131.96(587)	209.75(933)	2.72(77)	5.19(147)
NCB 10	11320	14380	207.05(921)	334.07(1486)	7.98(226)	12.17(344.5)
NCB 20	10560	13780	291.80(1298)	494.13(2198)	7.84(222)	12.18(345)
NCB 50	7220	9940	335.41(1492)	635.76(2828)	11.02(312)	18.45(522.5)
NCB 70	7220	8820	519.31(2310)	774.69(3446)	10.95(310)	18.33(519)
inches (mm)						

PHOTOS



MARTIN® NCB™ ball vibrator used on small hooper.



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