

## NCR™ ROTARY ROLLER VIBRATORS

NCR™ Rotary Roller Vibrators provide powerful rotary vibratory force for emptying hoppers and preventing adhesion to pipes and plates. These vibrators produce high frequencies, high centrifugal forces, and unique resonance behavior by a circulating steel roller.

Energizing chutes, reducing friction, and hopper emptying applications are ideal for the NCR™ Series.



### Harsh Environments

NCR™ Rotary Roller Vibrators are sealed with o-rings. This sealing system keeps liquids out, even in the harshest of environments.

On the right, an NCR™ Roller Vibrator is being used to energize a chute. Even when in constant contact with harsh chemicals, the NCR™ Vibrators keep running for optimal results.

## FEATURES

### Quiet

Noise levels are 60 – 75 dBA, well below regulatory limits. No Lubrication Required

### Additional Specifications:

- Air Pressure Range: 30 – 60 psi.
- Air Preparation: 5-micron filter, pressure regulator, lubricator.
- Operating Temperature: Max. 250° F.
- Force (maximum): 2046 force-lbs.
- Warranty: 3-years when operated within recommendations.
- Included: Muffler and nipple.

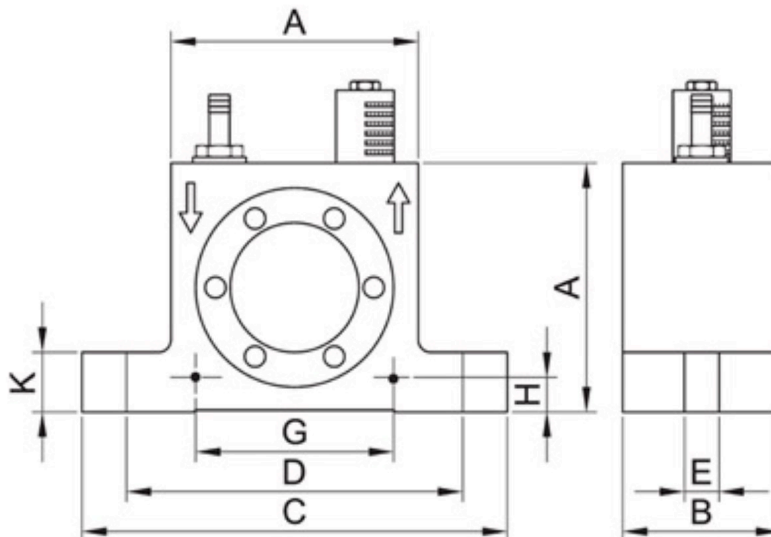
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### NCR™ PERFORMANCE

	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)
<b>NCR 3</b>	22699	30480	197.4(878)	355(1579)	1.94(55)	3.57(101)
<b>NCR 10</b>	20180	24520	512.1(2278)	756(3363)	4.27(121)	7.45(211)
<b>NCR 22</b>	16400	20040	744.8(3313)	1109(4933)	5.72(162)	10.4(293)
<b>NCR 57</b>	12480	14370	1102(4902)	1459(6489)	8.69(246)	14.5(410)
<b>NCR 120</b>	10140	11680	1520(6765)	2018(8976)	11.1(315)	19.1(542)

### NCR™ DIMENSIONS

	A	B	C	D	E	F	G	H	K
<b>NCR 3</b>	2.00(51)	1.12(28.5)	3.39(86)	2.68(68)	0.28(7)	1/8	1.57(40)	0.28(7)	0.47(12)
<b>NCR 10</b>	2.64(67)	1.42(36)	4.45(113)	3.54(90)	0.35(9)	1/4	1.97(50)	0.35(9)	0.63(16)
<b>NCR 22</b>	3.15(80)	1.67(42.5)	5.04(128)	4.09(104)	0.35(9)	1/4	2.36(60)	0.39(10)	0.63(16)
<b>NCR 57</b>	3.94(100)	2.01(51)	6.30(160)	5.12(130)	0.51(13)	3/8	3.15(80)	0.47(12)	0.79(20)
<b>NCR 120</b>	4.72(120)	2.95(75)	7.64(194)	5.98(152)	0.67(17)	3/8	3.94(100)	0.51(13)	0.94(24)



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### PHOTOS

