

Denver Concrete Vibrator

Internal Vibrator performance specifications

<i>Model</i>	<i>Head diameter</i>	<i>Head length</i>	<i>Head weight in lbs.</i>	<i>Diameter of effect varies with slump, additives and aggregate.*</i> <i>(minimum to maximum range)</i>	<i>Frequency in cycles per minute</i>	<i>Centrifugal force in pounds</i>	<i>1/2 wave amplitude in inches</i>	<i>consumption in CFM at 90 PSI</i>
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Pneumatic Vibrators

A250	2.5"	10"	8	20.0" to 30.0" +	10,000	736	0.04	60
A300	3.0"	13"	14.6	24.0" to 36.0" +	9000	1294	0.06	110
A350	3.5"	13"	20	29.0" to 42.0" +	9000	1830	0.045	115
A450	4.75"	18.25"	39	38.0" to 54.0" +	8000	2454	0.04	175
A600S	6.2"	15"	N/A	50.0" to 72.0" +	7000	3,380	0.045	190

High Cycle Vibrators 3 phase 220V / 180Hz

HC 134	1.75"	23"	11.2	14.0" to 21.0" +	10,800	810	0.045
HC 200	2.0"	22"	13	16.0" to 24.0" +	10,800	888	0.05
HC 250	2.5"	21"	20	20.0" to 30.0" +	10,800	1,690	0.053
HC 300	3.0"	21.5"	23.4	24.0" to 42.0" +	10,800	1,950	0.051

Flexible Shaft Vibrators

D.81-6	13/16"	6"	0.6	3.0" to 7" +	12,000	61	0.024
D.81	13/16"	11"	1	5.0" to 11" +	12,000	141	0.03
D1.25	1.25"	8"	1.6	10.0" to 15.0" +	12,000	178	0.035
D1.50	1.5"	13.25"	4.6	12.0" to 18.0" +	10,000	435	0.045
D1.75	1.75"	15.25"	7.4	14.0" to 21.0" +	10,000	830	0.05
D2.0	2.0"	10"	5.8	16.0" to 24.0" +	10,000	900	0.055
D2.5	2.5"	10"	9	20.0" to 30.0" +	10,000	1,260	0.055
D3.0	3"	11.75"	15	24.0" to 36.0" +	10,000	1,950	0.051
DSP3.0	3.0"	4.5"	5	14.0" to 20" +	10,000	472	0.039

***Note:** Minimum Pneumatic, High-Cycle and Flex Shaft vibrator specifications are based on 3" - 4" slump. Diameter of effect expands with increased slump, additives and smaller aggregate.

<i>Model</i>	<i>Head diameter</i>	<i>Head length</i>	<i>Head weight in lbs.</i>	<i>Diameter of effect in 5" to 7" slump**</i>	<i>Frequency in cycles per minute</i>	<i>Centrifugal force in pounds</i>	<i>1/2 wave amplitude in inches</i>
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RG60 Universal Motor in Head Vibrator 115V / 60Hz for use in high slump concrete

RG60	2.75"	15.25"	13.8	12.0"	10,000	576	0.026
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****Note:** RG60 vibrator specifications are based on 5"-7" slump, 3/4" or smaller aggregate.

Important: The RG60 is not appropriate for use in slump less than 5".