



TechnoVibe B-Series Bowl Vibrators



Description:

TechnoVibe B-Series bowl vibrators are powerful, deep, flat-bottom bowl units with no internal media/parts separation screen giving optimum processing capacity. Processing of parts occurs in a clockwise direction with separation of parts achieved by manually or magnetically removing the parts from the media. Alternatively, media & parts can be discharged via the optional media/parts run off door onto an external separating device. TechnoVibe B-Series machines are ideally suited to the finishing of larger parts or delicate parts that may be damaged during unloading in machines utilising an internal separation screen.

Options include:

- variable speed process controllers
- sound/splash lids
- compound dosing systems

Work Chamber:

The precision engineered, steel fabricated chassis which carries a powerful, purpose designed, vibratory motor, is stress relieved after machining and encased in a revolutionary, carbon fibre, hot cured polyurethane shell. Huge wall thicknesses on high wear areas ensures long bowl life. Shore hardness is 65D with a UTS of 30MPA and UE of 450%. This results in an ultra durable, highly abrasion resistant work chamber that resists all common acids.

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Motor:

Powerful, direct, flange-mounted vibratory motor. Housed as an integral part of the machine, this specially constructed unit is designed for use on either 220/240V or 385/440V 3Ø 50-60Hz supply.

Base:

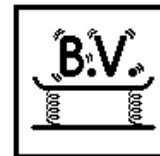
Cast in one piece from a specially formulated polyurethane and strengthened with carbon fibre reinforcing, the base is non-corrosive and virtually indestructible.

Springs:

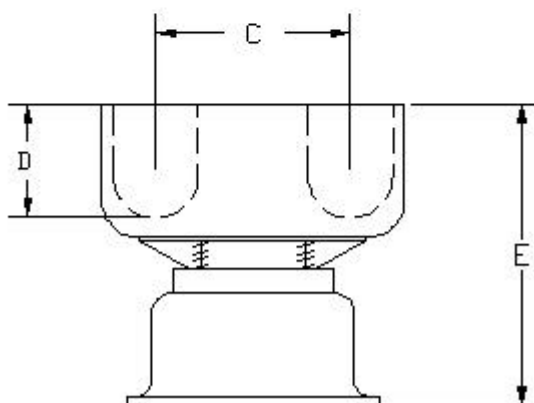
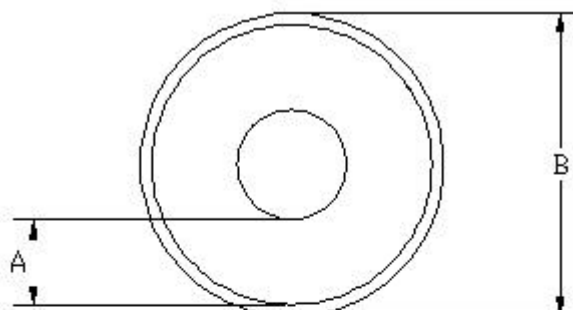
High column strength coil compression type, designed to prevent vibration transfer to the floor.

Fastenings:

All major component fastenings are high tensile, grade 8.8. All nuts are fitted with plastic anti-vibration inserts.



Dimensions:



Model	BV1B	BV3B	BV4B	BV7B	BV12B	BV18B
A	150	250	280	325	380	510
B	615	760	820	995	1400	1660
C	450	500	500	610	900	1220
D	200	270	310	400	450	620
E	745	840	870	945	1050	1260

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Technical Data:

Model	BV1B	BV3B	BV4B	BV7B	BV12B	BV18B
Capacity (L)	35	84	120	200	336	540
Bowl Volume (L)	40	100	135	225	470	650
Weight (kg)	60	80	130	230	580	900
Motor Type	Invicta SFL 15-3/4	Invicta SFL 20-5/4	Invicta SFL 25-14/4	Invicta SFL 30-25/4	Invicta SFL 30-25/4	Invicta SFL 50-45/4
Motor Input Power (W)	355	450	675	1135	1135	3740
Motor Output Power (W)	175	250	500	1150	1150	3350

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