

BIN DISCHARGER

FEATURES

- Wide range of sizes from 600mm to 2800mm
- Endless, durable flexible sleeve
- Solid, cast iron hanger arms to absorb vibration and prevent vibration from being transmitted to top hopper.
- High quality vibrators and motors
- Available in carbon steel and stainless steel material.
- Easy to install at site.
- Available in Type 'A' and Type 'B' versions.



PRINCIPLE OF OPERATION

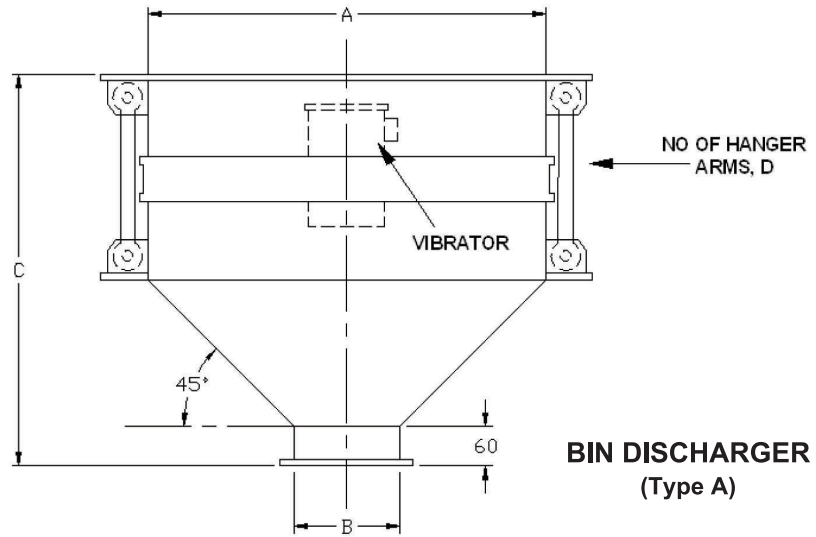
Bin Discharger design consists of internal cone shaped baffle which is attached to the body rigidly by means of structural member. The unit is suspended by means of dog-bone shaped hanger arms from the top of hopper or silo to which it is attached.

Bin Discharger moves horizontally in response to centrifugal forces generated by the unbalanced weights of an attached vibrator. The cone baffle relieves the weight of the material from the lower

section of the bin discharger and acts like a wedge as it moves beneath the material and pushes it in all directions adjacent to the cone surfaces. This powerful force is also transmitted to the material in the upper portion of the bin as the motion is carried from particle to particle.

APPLICATIONS

Bin dischargers are used for breaking the bridges and rat holes in bulk solids stored in silos while taking them out from bottom of silos and big hoppers.



Model	Dimension in MM			
	A	B	C	D
BD 600	600	200	590	3
BD 900	900	200	740	4
BD 1200	1200	200	890	5
BD 1500	1500	200	1040	6
BD 1800	1800	250	1165	8
BD 2100	2100	250	1315	10
BD 2400	2400	300	1440	12
BD 2800	2800	300	1640	14
BD 3000	3000	300	1740	16

Marketed By



Local Representation

VALVECO PTE LTD

No. 10 Ubi Crescent, #02-30
Lobby 'B', Ubi Techpark
Singapore 408564

Voice +65 6749 2491
Fax +65 6749 2791
E-mail sales@valvecompany.net

