

Customer Applications

FEEDER

The blades are fully adjustable for accurate and repeatable control of solids flow.

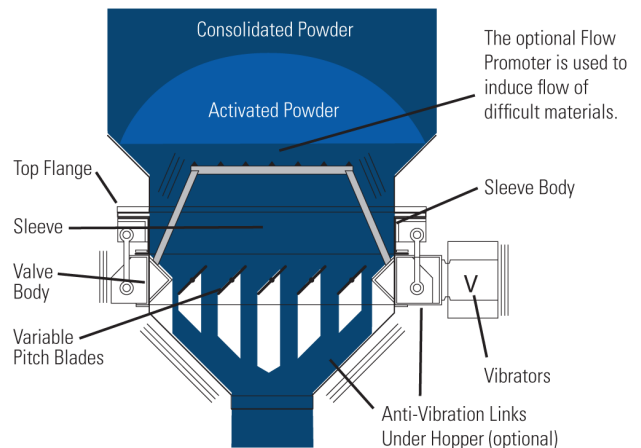
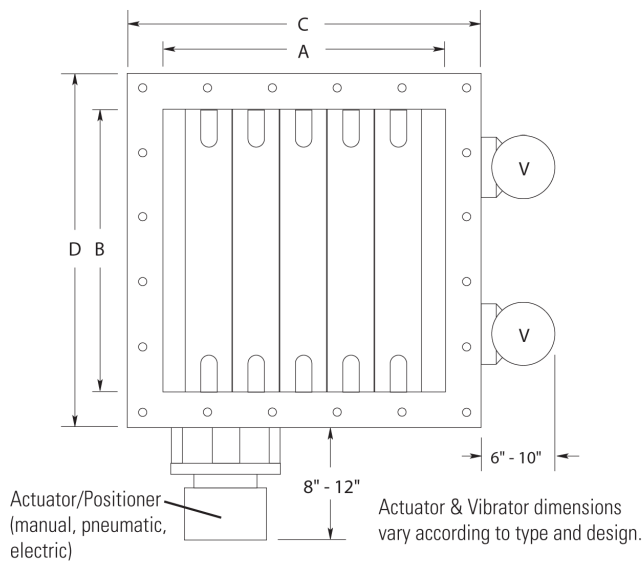
ACTIVATOR

Energy is imparted directly into the solids by the vibrating blades to maintain flow.

DISCHARGE CONTROL VALVE

Close tolerance blades provide positive shut off of solids flow.

Technical Specifications



MODEL	Flow Rate (ft ³ /hr) 45° opening*	Flange - Inside		Flange - Outside		Height	No. of blades
		A	B	C	D		
SBA300	440	12"	12"	18"	18"	6 ¹ / ₄ "	3
SBA600	870	24"	24"	27"	27"	7 ⁷ / ₈ "	5

*With blades set at 90°, flow rate is 3X - 4X the above figures, but vibration not effective to cause flow.

How Can Spiroflow Help Your Business?

Contact us today to discuss your specific applications and needs.

Flow Rate Tabulation

Material & Approximate Bulk Density	Blade Angle	SBA300 Flow Rate		SBA600 Flow Rate	
		(Lbs./Hr.)	(Ft ³ /Hr.)	(Lbs./Hr.)	(Ft ³ /Hr.)
Titanium Dioxide B.D.: 54#/ft ³	15°	1,800	33	7,200	133
	30°	11,500	213	46,000	852
	45°	28,000	518	112,000	2,074
Calcium Carbonate B.D.: 91#/ft ³	30°	11,000	121	44,000	484
	45°	16,000	176	64,000	703
	60°	27,000	296	108,000	1,187
Calcined Clay B.D.: 35#/ft ³	30°	4,700	134	19,000	543
	45°	9,800	280	39,000	1,114
	60°	14,000	400	56,000	1,600
Feldspar B.D.: 56#/ft ³	15°	1,600	28	6,400	114
	30°	5,800	103	23,000	411
	45°	28,000	500	112,000	2,000

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