

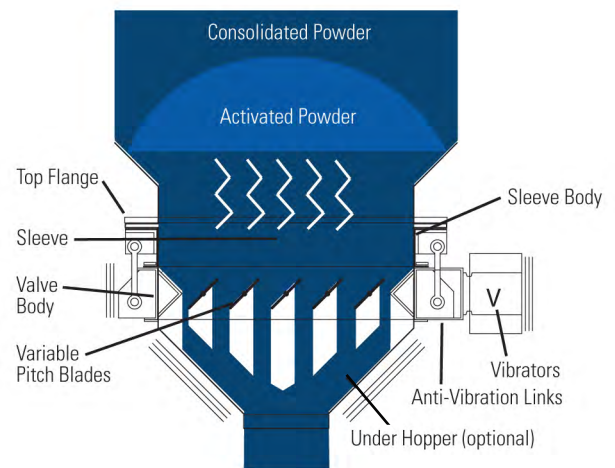
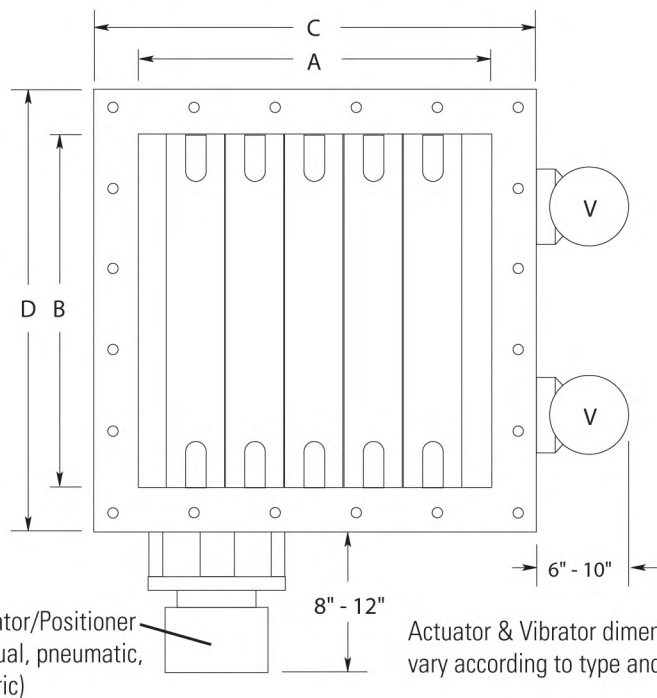
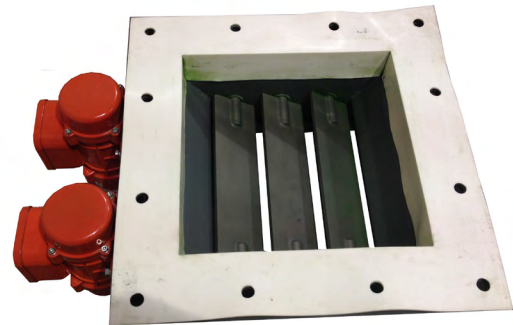
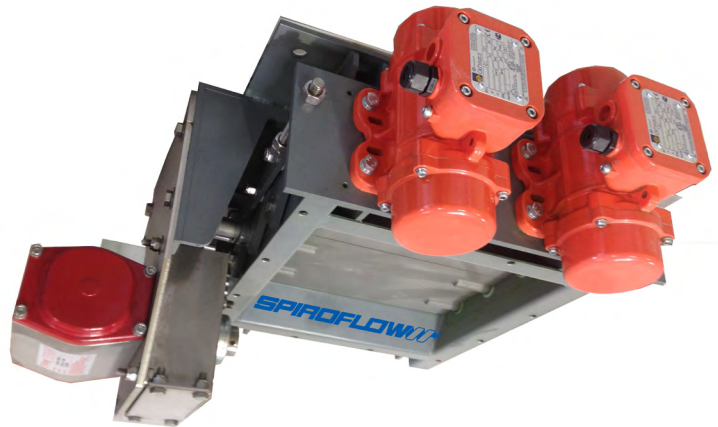
## Customer Applications

**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.

**DISCHARGER CONTROL VALVE** - Close tolerance blades provide positive shut-off of solids flow.

## Technical Specifications



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

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

## Flow Rate Tabulation Spiroflow Bin Activator

Material & Approximate Bulk Density	Blade Angle	SBA300 Flow Rate		SBA600 Flow Rate	
		(Lbs./Hr.)	(Ft <sup>3</sup> /Hr.)	(Lbs./Hr.)	(Ft <sup>3</sup> /Hr.)
Titanium Dioxide B.D.: 54#/ft <sup>3</sup>	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 <sup>3</sup>	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 <sup>3</sup>	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 <sup>3</sup>	15°	1,600	28	6,400	114
	30°	5,800	103	23,000	411
	45°	28,000	500	112,000	2,000