Flour Milling

DVA Diverter Valves

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Description

DVA Diverter Valves consist of a casing in stainless steel lined with SINT® engineering polymer and a flap in SINT® engineering polymer with a steel core. The flap is activated by a manual lever, or by a pneumatic or electric actuator.

Function

DVA Diverter Valves are equipped with one inlet and two outlets for the diversion of the flow of powdery or granular materials.
The engineering polymer materials used enable quick cleaning and maintenance apart from offering great resistance to abrasion.

Applications

DVA Diverter Valves are used in all types of powder or granular material processing plants where diversion of gravity flow or conveyed dry materials is required.
A typical application is at the end of a milling line or above a bagging machine or a packaging line for FIBCs.

Benefits

- ✓ **Contact between diverter flap and casing ensures dustproof sealing;**
- ✓ **Elastic outline of the SINT® flap ensures material transport without particle breakdown, grinding or jamming;**
- ✓ **Suitable for different materials in the same configuration;**
- ✓ **Easy integration into the process thanks to light weight and easy handling;**
- ✓ **Modular design and easy maintenance thanks to small numbers of components.**

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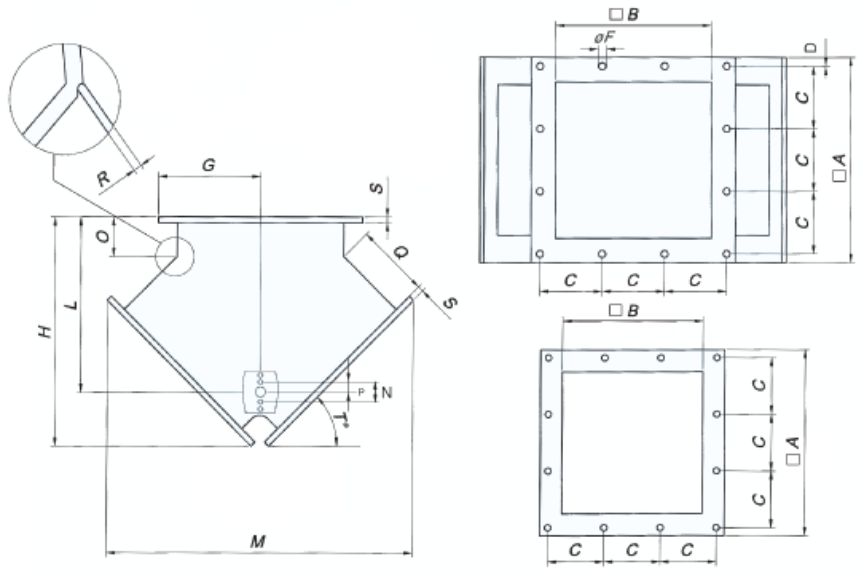
Technical Features / Performance

- Range: 150 ~ 300 mm (6 in ~12 in)
- Dust-tight; max. temperature T= 80°C (176°F)
- Sturdy 304 SS body completely lined with non-stick, wear-resistant SINT® engineering polymer
- Flexible casing and flap
- Easy part replacement

Overall Dimensions



TYPE	A	B	C	D	ØF	G	H	L	M	N	O	P	Q	R	S	T	kg
150	261	175	115	15	12.5	130.5	312	221	401	50	66	25	98	5	10	45°	12
200	311	225	93.3	15	12.5	155.5	358	267	472	50	66	25	114	5	10	45°	15
250	358	275	110	15	12.5	179	403	312	542	50	72	25	127	8	10	45°	19
300	433	325	128.3	24	12.5	216.5	465	358	645	50	66	25	152	8	10	45°	24

This datasheet might not show the complete range but only the models most suitable for the application.