

Plastics Processing

DVA-310 Diverter Valves



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Description ▼

The DVA-310 Diverter Valve consists 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-310 is a Diverter Valve with one inlet and two outlets for the diversion of the flow of powdery or granular materials. The engineering materials used enable quick cleaning and maintenance apart from offering great resistance to abrasion.



Applications ▼

DVA-310 Diverter Valves are used in all types of flakes and granular material processing plants where diversion of gravity flow or of conveyed dry materials is required. Typical applications are at the end of compounding or masterbatch lines. DVA-310 are also installed on top of bag or bulk bag packaging lines

Benefits ▼

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

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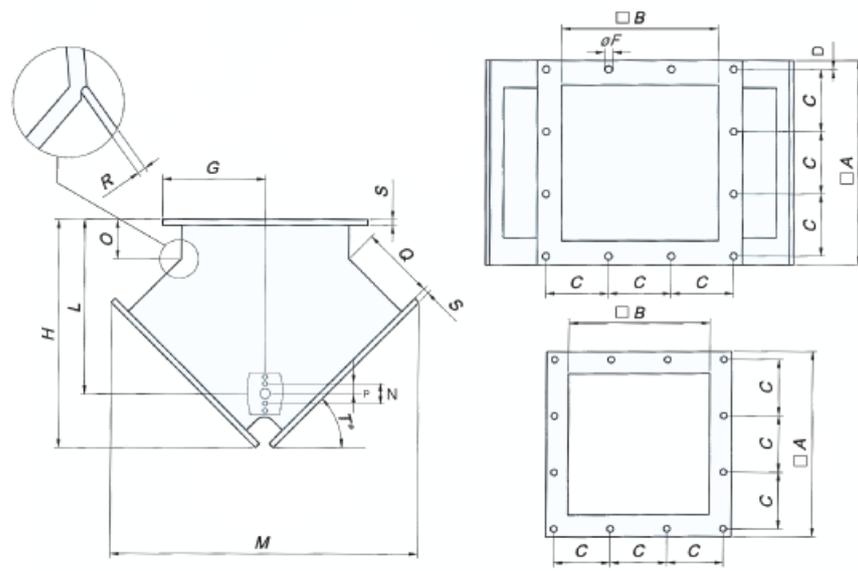
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Technical Features / Performance ▼

- ▶ Range from 150mm to 300mm (6 to 12 in)
- ▶ Granule-proof at max. temperature of 80° C (176° F)
- ▶ Sturdy 304 stainless steel casing 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

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



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