

Animal Feed Milling

Diverter Valves VAR

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Description ▼

VAR Diverter Valves consist of a cast aluminium body and cover and a rotary inner drum which closes one of the two outlet pipes as required. The rotation of the inner drum is brought about by means of a pneumatic actuator. The inner sealing is ensured by pneumatically inflatable gaskets.

Function ▼

VAR Diverter Valves are suitable for conveying virtually any kind of material, both in powdery and granular form. The pneumatic actuator, which activates the inner rotary drum, makes it possible to divert the outlet pipe and thereby divert the flow of material from one duct to another one.



Application ▼

VAR Diverter Valves are fitted directly to the pneumatic conveying ducts whenever it is necessary to divert the flow of material to different production lines.

Benefits ▼

- ✓ No contamination due to the 304 contact parts inserts;
- ✓ Minimum pressure drop thanks to inflatable seal;
- ✓ Minimum friction during diverting thanks to inflatable seal;
- ✓ ATEX-compliant pneumatic actuator and solenoid valves;
- ✓ Use with different materials in the same configuration;
- ✓ Quick integration into the process thanks to lightweight design;
- ✓ Time-saving maintenance thanks to small numbers of components.

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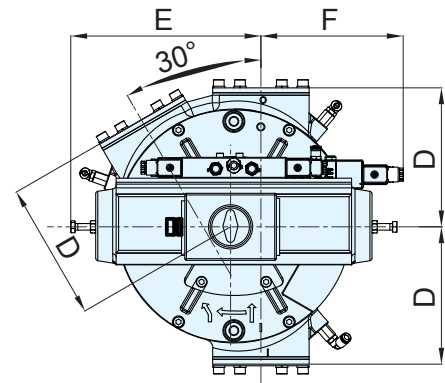
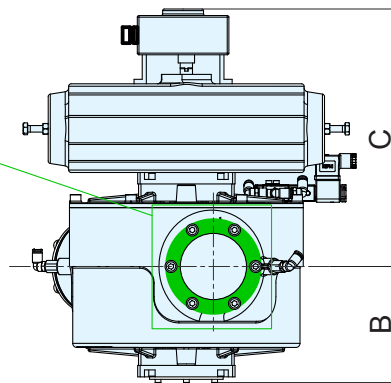
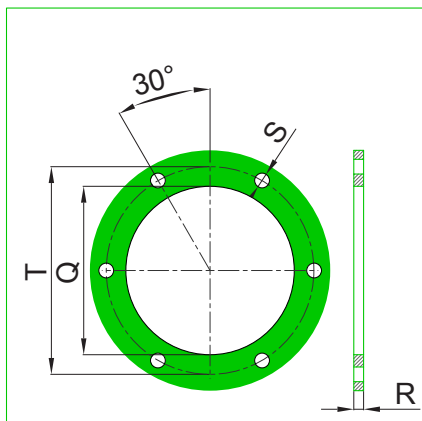
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Technical Features / Performance ▼

- ▶ Basic structure manufactured from cast aluminium
- ▶ Operating temperature: $-20^{\circ}\text{C} \sim 80^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 180^{\circ}\text{F}$)
- ▶ Diverter operating pressure: max. 3.5 bar (36 psi)
- ▶ Inflatable seal closure pressure: max. 4 bar (58 psi)
- ▶ Pneumatic actuator activation pressure: max. 8 bar (116 psi)
- ▶ Diameters from 80mm to 150mm (3 to 6 in)
- ▶ Micro-switch box for signalling actuator position
- ▶ Electro-pneumatic actuator with possibility of different supply voltages 24/48/110/230 V AC

Overall Dimensions ▼



Type	B	C	D	E	F	T	Q	R	S
VAR 080	142	314	169	260	174	103	82	6	9
VAR 100	148	320	209	266	160	127	102		11
VAR 125	181	386	242	299	191	158	127		
VAR 150	197	402	273	305	184	185	158		
VAR 175	216	453	313	432	197	217	177		
VAR 200	233	469	338	436	186	245	208		

Dimensions in mm