

Diverter Flap Valves

DVA



THE DIVERTER FLAP VALVE DVA ENSURES MAXIMUM EFFICIENCY, DUST-PROOF AND HIGHLY WEAR-RESISTANT

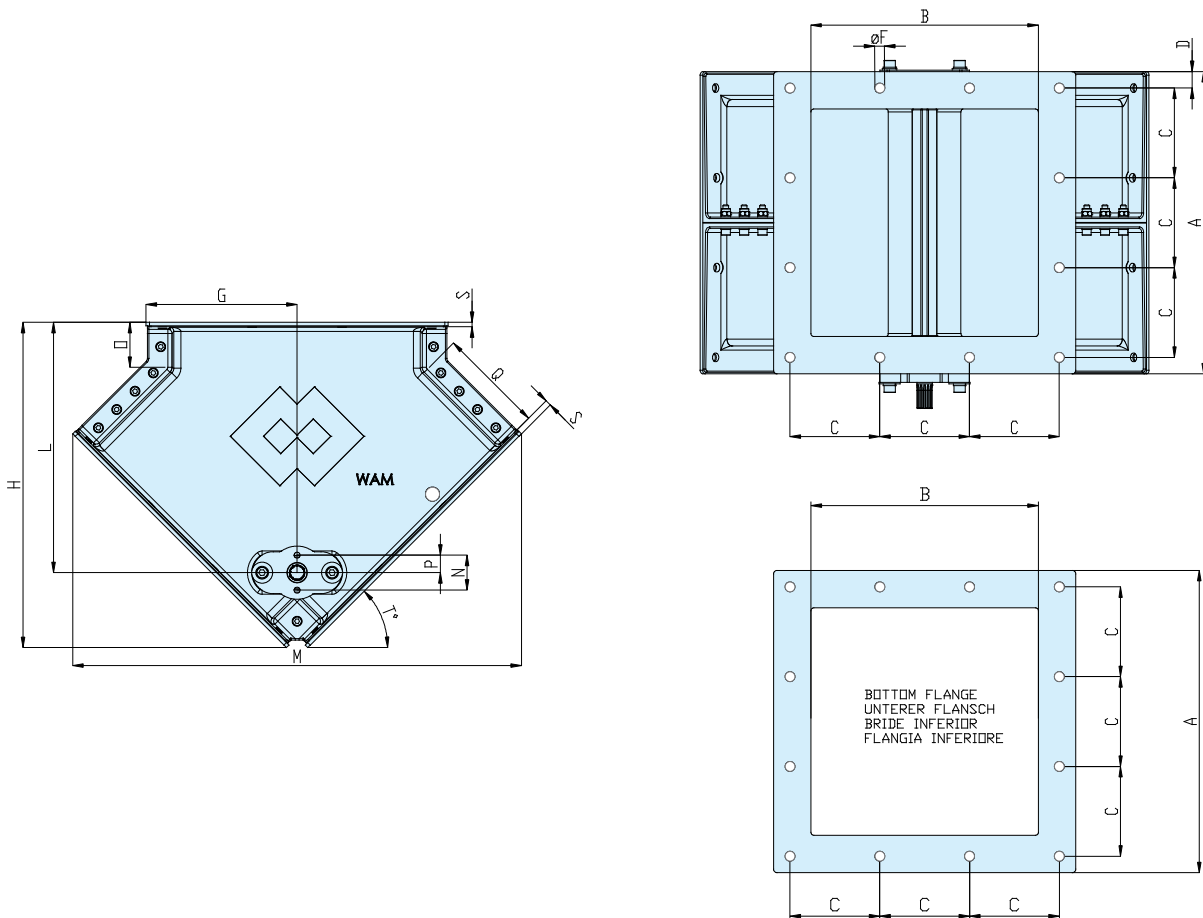
The DVA Diverter Flap Valves consist of two high-pressure die-cast semibodies manufactured from aluminium alloy lined with SINT® engineering polymer and a flap in SINT® engineering polymer with a steel core. The flap is activated by a manual lever or by a pneumatic or electric actuator.

DVA is a Diverter Flap Valve with one inlet and two outlets for the diversion of the flow of powdery or granular materials in all processing plants where diversion of gravity flow or conveyed dry materials is required. The engineering materials used enable quick cleaning and maintenance apart from offering great resistance to abrasion.

Technical Features

- Handles powders, granules and pellets;
- Dust-tight;
- High-pressure die-cast semi-bodies manufactured from aluminium alloy;
- Blade protected from material flow by wear-resistant SINT® engineering polymer;
- SINT® engineering polymer for standard and food-grade applications;
- Casing with replaceable SINT® engineering polymer liner;
- Small number of components;
- Easy part replacement;
- FDA-certified.

Overall Dimensions



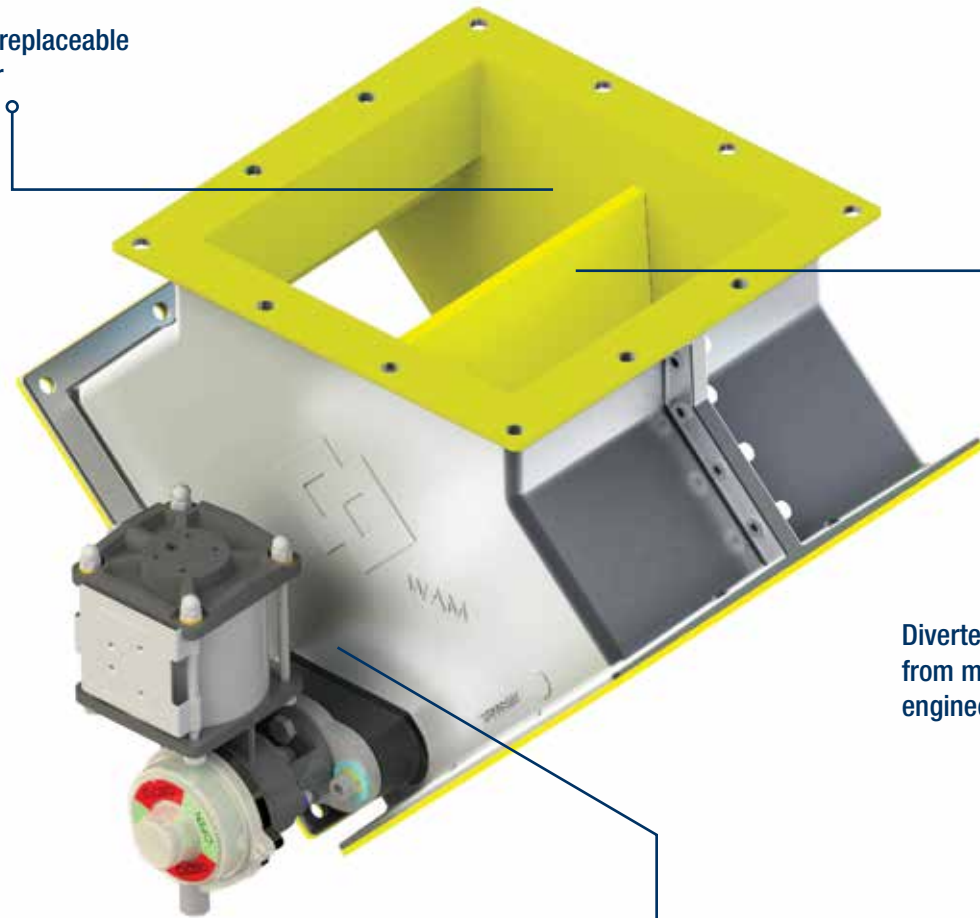
| TYPE | A | B | C | D | ØF | G | H | L | M | N | O | P | Q | S | T | kg |
|------|-----|-----|-------|----|----|-------|-------|-----|-------|----|------|----|-------|----|-----|----|
| 150 | 260 | 175 | 115 | 15 | 14 | 130 | 312 | 221 | 399 | 50 | 65 | 25 | 99,5 | 10 | 45° | 13 |
| 200 | 310 | 225 | 93,3 | 15 | 14 | 155 | 356,8 | 267 | 470 | 50 | 66 | 25 | 113,3 | 10 | 45° | 17 |
| 250 | 360 | 275 | 110 | 15 | 14 | 180 | 403 | 312 | 538,2 | 50 | 66 | 25 | 125 | 10 | 45° | 21 |
| 300 | 432 | 325 | 128,3 | 24 | 14 | 216.5 | 465 | 358 | 641.4 | 50 | 66.5 | 25 | 152.8 | 10 | 45° | 24 |

Dimensions in mm

Benefits

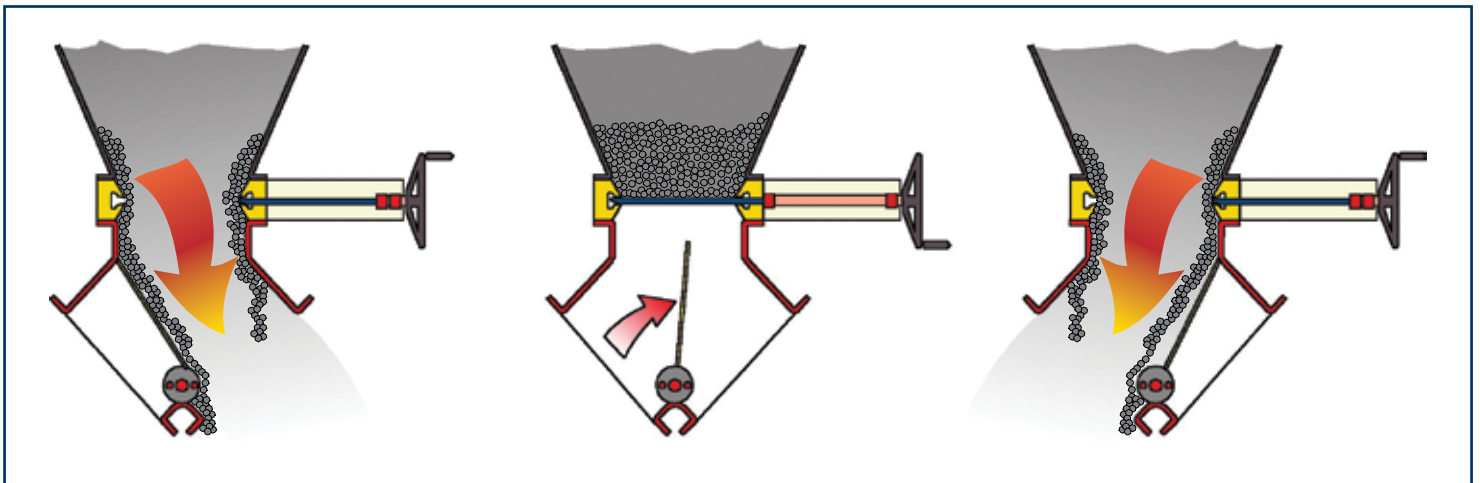
- ✓ Lightweight design;
- ✓ Quick and easy maintenance;
- ✓ Dustproof sealing;
- ✓ Elastic outline of the SINT® flap guarantees material transport without particle breakdown, grinding or jamming;
- ✓ Highly wear-resistant and less slackness;
- ✓ Maximum efficiency and minimum operating costs;
- ✓ Excellent price-performance ratio;
- ✓ Ex-stock delivery.

Anti-wear replaceable
SINT® liner



Diverter flaps protected
from material flow by SINT®
engineering polymer

Actuator bracket



MANUAL LEVER COUPLING



| Valve Size | Lever Code |
|------------|------------|
| 150 - 300 | CM4 |

PNEUMATIC ACTUATOR COUPLING



| Valve Size | Actuator Code |
|------------|---------------|
| 150 - 200 | CP063 (CP101) |
| 250 - 300 | CP101 |

Actuator choice depends on application and type of material.

Accessories:

| Solenoid Valve | |
|---------------------------|---------------------|
| Actuator Code | Solenoid Valve Code |
| CP063 - CP101 | V5V80 - V5VV80 |
| COIL 24/48/110/220V AC-DC | |

| Limit Switch Code |
|-------------------|
| MIC23 |
| LSM0 + LSM9 |

GEAR MOTOR ACTUATOR COUPLING



| Valve Size | Actuator Code |
|------------|---------------------|
| 150 - 200 | AE040A11 (AE051A11) |
| 250 - 300 | AE051A11 |

Actuator choice depends on application and type of material.

Accessories:

| Limit Switch Code |
|-------------------|
| MIC23 |
| LSM0 + LSM9 |

* Signalling system obligatory.



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