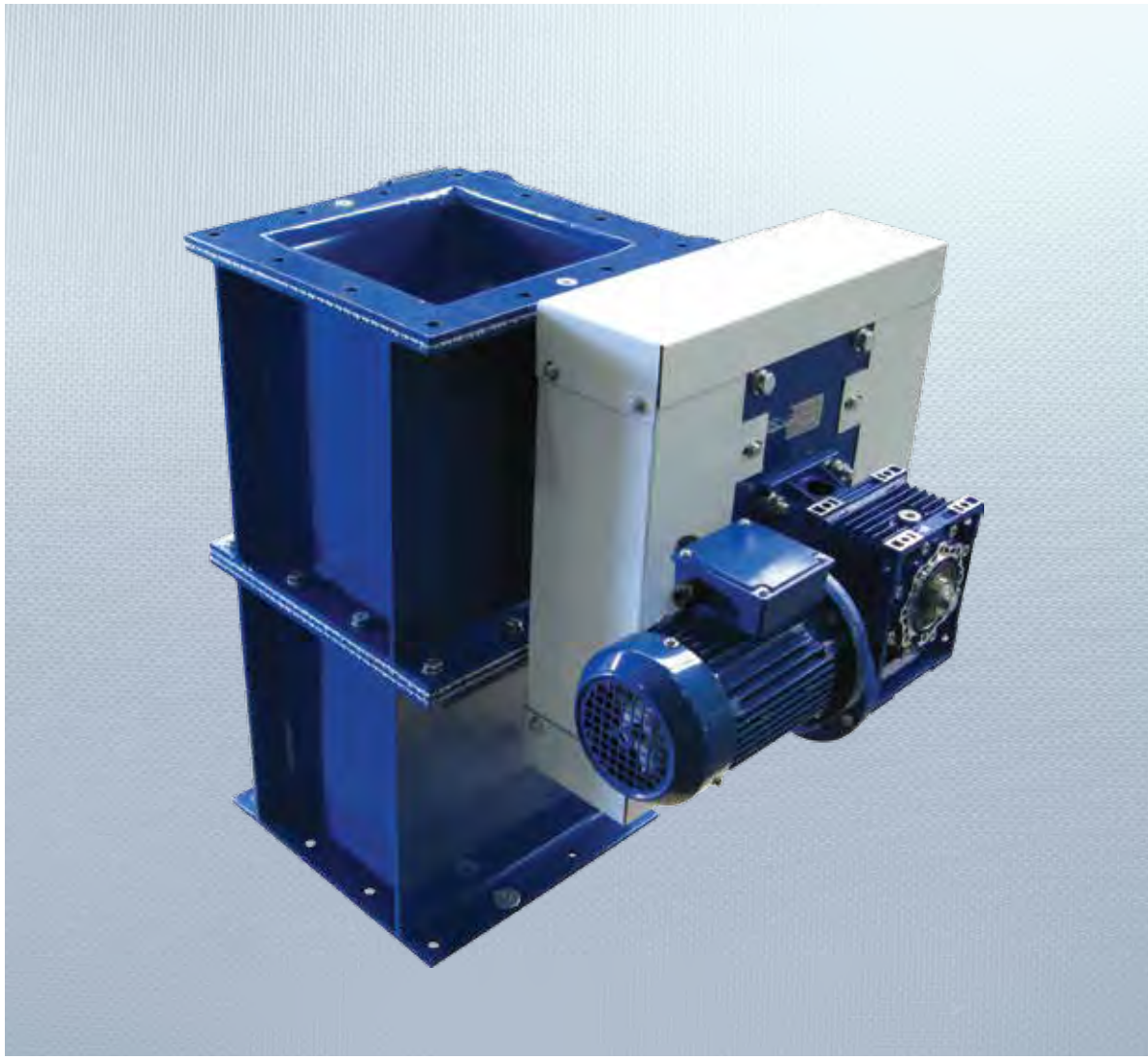
BULK SOLIDS FEEDING

Double Dump Valves
VDC







WAMGROUP

TOREX®

Double Dump Valves VDC

THE PERFECT CHOICE FOR SOLVING MATERIAL HANDLING PROBLEMS IN CASE OF HIGH ABRASION, HIGH TEMPERATURE, OVERSIZED CHUNKY OR FIBROUS MATERIALS

VDC Double Dump Valves consist of a robust casing and two alternately activated flaps mounted on top of each other to preserve the pressure differential above and below the valve.

Features

- Square Inlet Dimensions:
  200x200 mm – 250x250 mm – 315x315 mm – 400x400 mm – 500x500 mm
  (8x8” 10x10” 12x12” 16x16” 20x20”)
- Capacity:
  from 1.2 m^3/h up to 17.7 m^3/h (from 42.4 CFH up to 625 CFH)
  - calculated for 600 activation cycles per hour at 50% loading
- Ambient Temperature:
  from -10°C up to 50°C (14°F up to 120°F)
- Working Temperature:
  from -10 °C up to 500°C (14°F up to 930°F)
- Casing: available in carbon steel or 304/316 stainless steel
- Flaps: available in carbon steel or 304/316 stainless steel, wear-proof rubber-coated or HARDOX® anti-wear steel
- Hopper: available in carbon steel or 304/316 stainless steel, wear-proof rubber-coated or HARDOX® anti-wear steel

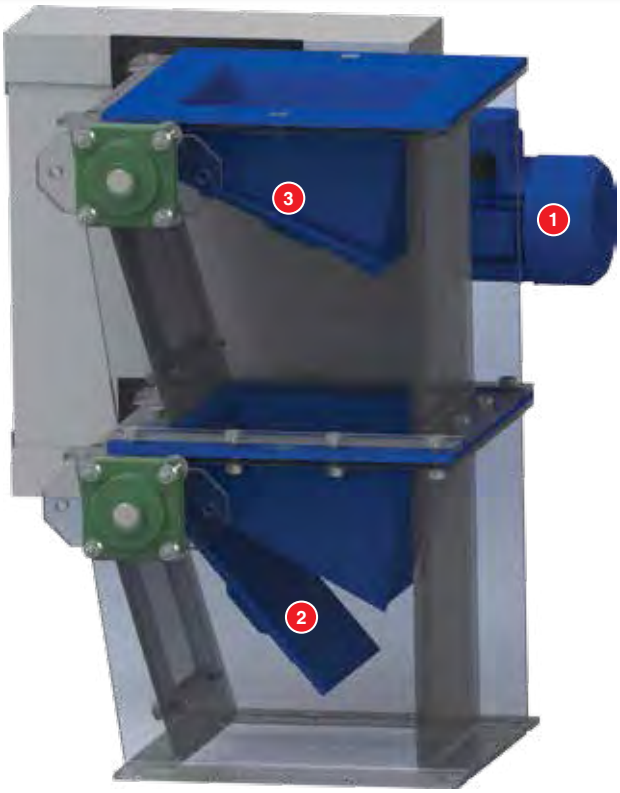
Accessories

Rotation Indicator



Benefits

- ✓ Easy access for maintenance;
- ✓ Smooth contact surfaces to facilitate cleaning;
- ✓ Highly efficient at high temperatures;
- ✓ Excellent feeding properties.



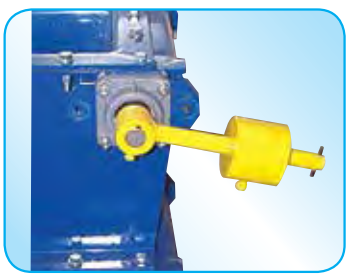
1 CONTROL SYSTEM



MOTOR-OPERATED VALVE:
Flaps are activated by a geared motor and retracted by a spring.
Unlike the gravity version, this type allows regular operation to be maintained even with variable product loads.
Consequently, it can be used as a metering valve.

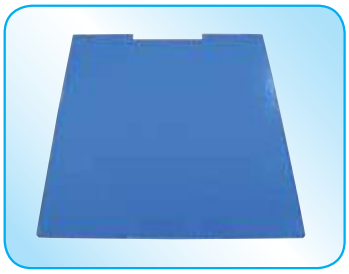


PNEUMATICALLY OPERATED VALVE:
Opening and closure of the flaps is enabled by means of pneumatic cylinders. Opening/closure duration can be preset according to the user's requirements. Like the motor-operated VDC, it is possible to maintain regular operation also with variable product loads.



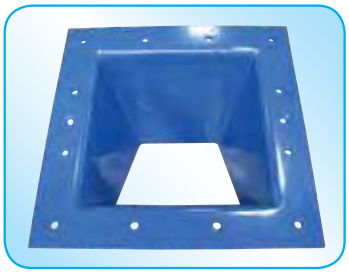
COUNTERWEIGHT VALVE:
In this case activation of the flaps depends on the weight of the material.
Therefore, operation is not always regular.

2 MOVEABLE FLAP



Carbon Steel
304 – 316 Stainless Steel
Wear proof rubber coated
Anti-wear material

3 INLET HOPPER



Carbon Steel
304 – 316 Stainless Steel
Wear proof rubber coated
Anti-wear material

Application





VDC Double Dump Valves are the ideal solution for controlled discharging of powders or granular materials. They are mainly suitable for de-dusting and heavy-duty applications in virtually all industrial sectors. Designed for operating requirements such as high temperatures, highly abrasive materials and/or materials with large grain size. They are also suitable for integration into that do not require continuous material flow.



WAM® FLITECH® MAP® EXTRAC® SPECO® TOREX® OLI® RONCUZZI® TECNO CM

TOREX®

UNI EN ISO 9001
Certified Company

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