Ball Segment Valves
VSS

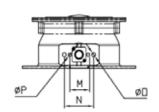CERTIFIED

WAMGROUP®

WAM® VALVES
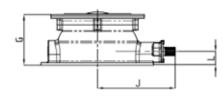
FULL BORE-THROUGH MATERIAL FLOW

To intercept material flow from bins, hoppers, silos, processing machines, or conveying of materials showing poor flowability, the use of a VSS- type Ball Segment Valve is often the best choice.
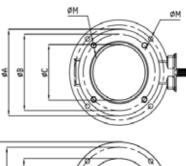
Unlike butterfly valves, Ball Segment Valves offer a completely free cross-section when open. **Unhindered material flow** is the result. Viewed from the top, no other free-flow valve offers more compact overall dimensions. VSS Ball Segment Valves can be used in virtually all industries.
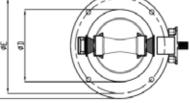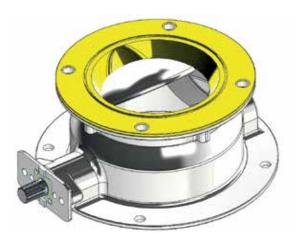
closed

open
(top view)

open

Under FIBC discharger

Under hopper

Overall Dimensions

CODE	Ø A	B		Ø C	Ø D	E		Ø F	G	Ø H DIN 5482	L	Ø M	J	M	N	Ø O	Ø P	kg
		Ø	holes			Ø	holes											
VSS 150	255	225	4	164	213	280	4	310	140	22 X 19	35	14	212	50	80	10	8.5	11
VSS 200	310	280	4	213	267	336	6	365	160	22 X 19	35	14	239	50	80	10	8.5	13
VSS 250	365	335	6	267	317	395	6	425	187	22 X 19	35	14	264	50	80	10	8.5	18
VSS 300	424	395	6	316	427	495	8	525	210	22 X 19	35	14	319	50	80	10	8.5	26

Dimensions in mm

Benefits

Energy-saving

Cost-effective

Low friction

Easy to fit and maintain

Full bore-through material flow solves a number of material discharging issues:

Material jamming

Material bridging and restricted flow

Hidden cavities, material build-up and cross-contamination

Large dead space area between flow aid and outlet valve

Mismatch with existing equipment

Leaking seals, frequent maintenance

Technical Features

- Compact overall dimensions, simple design, few components

- Valve body made from mild steel or stainless steel with replaceable SINT® engineering polymer gasket

- Full bore-through material flow

- Suitable for both standard and food-grade applications

- ATEX version available

Industries

Animal Feed Milling

Plastics Processing

Dry-Mix Processing

Bakeries

Flour Milling

Cosmetics

Environmental Technology

Chemicals

Ceramics

Glass Processing

ACTUATOR COMPATIBILITY

For further details refer to Technical Catalogue

Manual Lever
CM

Pneumatic Rotary Actuator
CPU

Gear Motor Actuator
AE

WAMGROUP®

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

SILOFAB   MVM   OWC   SEPCOM   SPECO®   SAVI   SAVECO

UNI EN ISO 9001 Certified Company

WAM® VALVES