

AIRMATIC®

WE'LL HANDLE IT.



BALL SEGMENT VALVES

VSS Series

AIRMATIC

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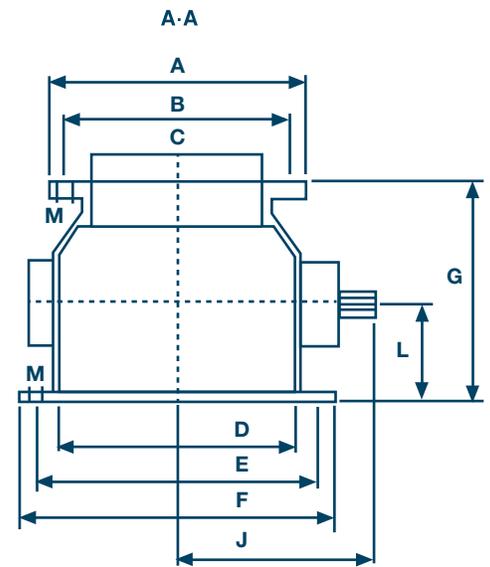
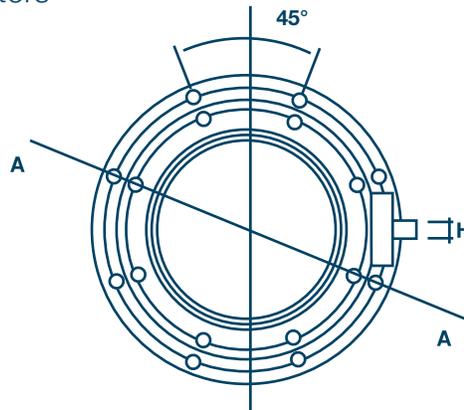
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VSS SERIES

VSS-type Ball Segment Valves consist of a carbon or stainless steel casing lined with SINT engineering polymer which acts as a seal. Due to the combination of seal and smooth finishing of the closing segment, which is manufactured from SINT polymer too, the valve is perfectly dust-proof. The closing segment is adjustable in height to re-establish its sealing efficiency after longer operating periods.

FEATURES

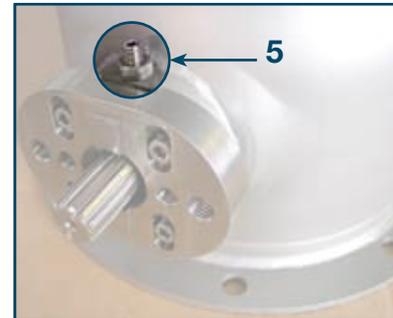
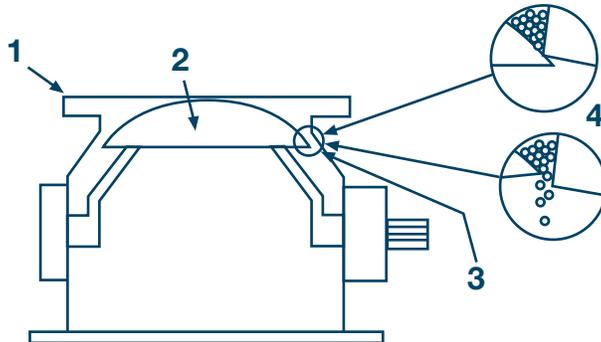
- Compact overall dimensions, simple design, few components
- Valve body made from carbon steel or stainless steel with SINT engineering polymer lining
- Closing segment made from SINT engineering polymer
- Full bore through material flow
- Short action
- Suitable for standard or food-grade applications: from fine, abrasive powders to cohesive materials
- Adjustable shaft seal
- Low-friction operation
- Adaptable to a variety of materials and particle sizes
- Manual, pneumatic, electric actuators
- PATENTED



VALVE DIMENSIONS

CODE	Ø A	B		Ø C	Ø D	E		Ø F	G	Ø H DIN 5482	L	Ø M	J	Lb
		Ø	HOLES			Ø	HOLES							
VSS 150	8.97	7.87	4	5.90	8.62	9.84	8	7.63	7.63	0.86x0.75	3.34	0.55	6.88	19.84
VSS 200	10.94	9.84	8	7.87	10.74	11.81	8	12.91	9.01	0.86x0.75	4.13	0.55	7.95	28.66
VSS 250	12.91	11.81	8	9.84	12.75	13.77	8	14.88	11.37	0.86x0.75	5.11	0.55	8.93	35.27
VSS 300	14.88	13.77	8	11.81	16.02	18.50	8	20.86	12.95	0.86x0.75	6.10	0.55	10.55	46.29

VALVE BREAKDOWN

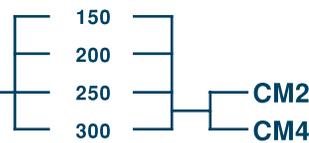


1. Valve body entirely coated with SINT MC or SINT AL in order to avoid direct contact between product and the valve.
2. Heavy duty segment SINT MC or SINT AL
3. Friction-free contact
4. Dust-proof
5. Seal adjustment

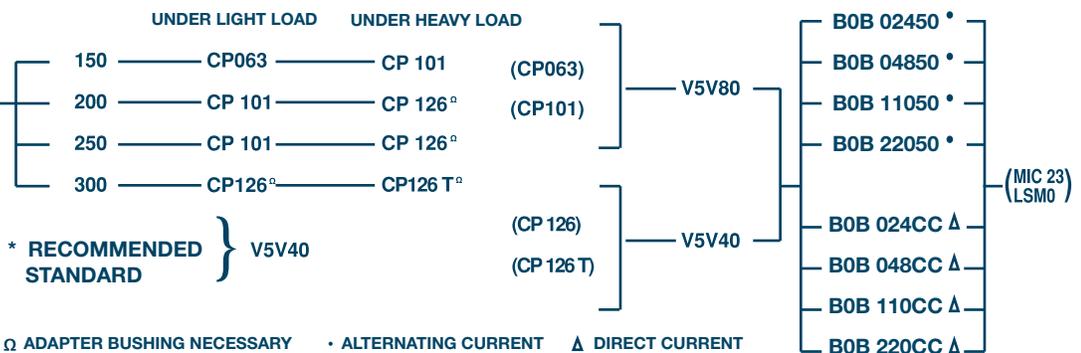
VERSIONS

- VALVE manufactured in carbon steel lined and coated with SINT MC.
- Valve manufactured in 304 stainless steel lined and coated with SINT AL (FDA-approved)

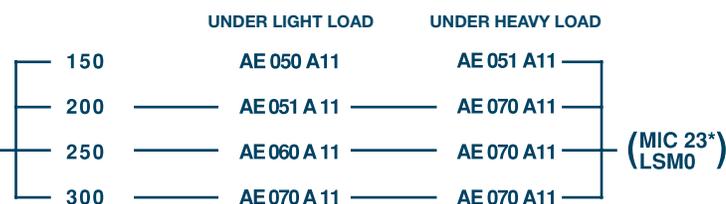
COUPLING OF MANUAL LEVER



COUPLING OF PNEUMATIC ACTUATOR



COUPLING OF GEAR MOTOR ACTUATOR



CHOICE DEPENDS ON APPLICATION AND TYPE OF MATERIAL

*SIGNALING SYSTEMS IS ESSENTIAL



AIRMATIC founded in 1944, is a woman-owned Industrial Distributor, with installation and maintenance capabilities, offering equipment, machinery, and shop supplies to the Industrial, Construction, Utility, Government, and Commercial Markets. Our products and services are sold through three business units:

The **MATERIALS MANAGEMENT GROUP** provides products and services to industries that convey, store, transport, and process powders and bulk solids from aggregates, cement, and chemicals to foods, grains, metals, power generation, and waste water treatment applications;

The **SERVICE GROUP** provides fabrication, installation, and maintenance services to improve bulk materials handling efficiency; mechanical clean-out services for silos and hoppers to eliminate material flow problems; and shop repair/rebuilding and modifications services of products sold by the Company.

The **TOOL GROUP** provides power tools, personal protective equipment, materials-handling equipment, shop equipment and MRO supplies used for production, fabrication, assembly, metal removal, maintenance, and storage in manufacturing, construction, utility, and commercial applications.

Our Customers tell us that by choosing AIRMATIC to solve their problems, they gain increased productivity, decreased costs, and a safer, cleaner work environment.



WAM is a worldwide leader in developing and manufacturing equipment and plant components for bulk solids handling and processing, has been represented in the United States by its own subsidiary since 1985. WAM Inc. is responsible for distribution of the WAMGROUP product range in the U.S. and Canada.

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