VG Slide Valves are used to intercept or choke the flow of powders or granules. Their robust structure makes them perfectly suitable for heavy-duty applications in various sectors of application. To ensure maximum protection of the valve, the blade is equipped with a double seal. VG Slide Valves are available with hand wheel or pneumatic or electric actuator. The powder coated valves come in silver-gray color (RAL 7001).

VG

With Hand Wheel or Gear Motor Actuator

With Pneumatic Actuator

Compatible Actuator

Manual Actuator

Gear Motor

PN. CYL* Ø 100
ISO6431 - VDMA 24562

KCP100I
V5V40-LSM6

BOB 02450*
BOB 04850*
BOB 11050*
BOB 22050*

BOB 024CC°
BOB 048CC°
BOB 110CC°
BOB 220CC°

* Non WAM
• Alternating Current
○ Direct Current

Dimensions in inches

<table>
<thead>
<tr>
<th>TYPE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>N°E</th>
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**VG-V**

**VG-P**

*Signalling Systems Required*
VGR

**Gear Motor Drive**

- VGR 0150 V.
- VGR 0200 V.
- VGR 0250 V.
- VGR 0300 V.
- VGR 0350 V.
- VGR 0400 V.

*Signalling Systems Required*

- AR070A11 – LSM6*
- AR070A1D – LSM6*
- AR070A2D – LSM6*

**Compatible Actuator**

Manual Lever

- VGR 0150 V.
- VGR 0200 V.
- VGR 0250 V.
- VGR 0300 V.
- VGR 0350 V.
- VGR 0400 V.

P.N. CYL Ø 63 – 13005711A – V5V80 – LSM6*

- Bob 02450*
- Bob 04850*
- Bob 11050*
- Bob 22050*

P.N. CYL Ø 80 – 13005871A – V5V80 – LSM6*

- Bob 024CC*
- Bob 048CC*
- Bob 110CC*
- Bob 220CC*

P.N. CYL Ø 100 – KCP100I – V5V80 – LSM6*

*Non WAM

Electropneumatic Actuator

- VGR 0150 P.
- VGR 0200 P.
- VGR 0250 P.
- VGR 0300 P.
- VGR 0350 P.
- VGR 0400 P.

- P.N. CYL Ø 63 – 13005711A – V5V80 – LSM6*
- P.N. CYL Ø 80 – 13005871A – V5V80 – LSM6*
- P.N. CYL Ø 100 – 13005871A – V5V80 – LSM6*
- P.N. CYL Ø 100 – KCP100I – V5V80 – LSM6*

*Non WAM

Dimensions in inches

**VGR-V**

- With Manual Lever or Gear Motor Actuator

- VGR 0150 V.
- VGR 0200 V.
- VGR 0250 V.
- VGR 0300 V.
- VGR 0350 V.
- VGR 0400 V.

- CMV2
- CMV4

**VGR-P**

- With Pneumatic Actuator

- VGR 0150 V.
- VGR 0200 V.
- VGR 0250 V.
- VGR 0300 V.
- VGR 0350 V.
- VGR 0400 V.

- Bob 024CC*
- Bob 048CC*
- Bob 110CC*
- Bob 220CC*

*Non WAM

- Alternating Current
- Direct Current

ISO 6431
VDMA 24562

Dimensions in inches

- VGR-V
- VGR-P

**Booth**

- VGR-V: 3004-17
- VGR-P: 3004-18

**Contact Information**

- Airmatic.com
- 215.333.5600
- Infocenter@airmatic.com

**Airmatic**

WE’LL HANDLE IT.
**VL Slide Valves** are used where the flow of a powder bulk solids caused by gravity or transport has to be intercepted. Valves may be fitted to hopper or silo outlets, to the inlets and outlets of mechanical conveyors and to the inlet of telescopic loading spouts.

VL-type Slide Valves consist of a two-piece carbon or stainless steel frame, which is partly coated with WAM’s unique SINT™ engineering polymer composite, and a sliding blade manufactured either in the same material or in stainless steel. The use of SINT™ engineering polymer considerably increases resistance to abrasion compared to traditional valves. The special geometry of the Valve and the different options of blade design enable its application in virtually every sector including the food industry.

**Valve Breakdown**
1. Valve body coated with SINT™MC or SINT™AL in order to avoid contact between product and body.
2. Heavy-duty blade (SINT™MC / SINT™AL, carbon steel, 304 st.)
3. Minimum friction contact
4. No additional lateral seals required
5. Dry food quality (coating in SINT™AL)
6. Dustproof (scraper included)

**User Benefits**
- Easy to handle
- Ex-stock delivery
- Highly abrasion-resistant
- Easy to fit
- Time-saving maintenance

**Options**
- Valve manufactured in carbon steel lined and coated with SINT™MC.
- Valve in 304 stainless steel lined and coated with SINT™AL (FDA-approved)
### VLQ
#### Square Cross Section Valves

<table>
<thead>
<tr>
<th>TYPE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>N° E</th>
<th>ØF</th>
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<th>G</th>
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Dimensions in inches

1 Carbon Steel  
3 304 Stainless Steel

### VLC
#### Round Cross Section Valves

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<th>ØC</th>
<th>D</th>
<th>E</th>
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Dimensions in inches

1 Carbon Steel  
3 304 Stainless Steel
### VLR
Rectangular Cross Section Valves

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<th>D</th>
<th>E</th>
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<th>Bolts</th>
<th>G</th>
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<th>L</th>
<th>M</th>
<th>N</th>
<th>N° N</th>
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1 Carbon Steel
3 304 Stainless Steel

* Not yet in production

Dimensions in inches

### VLS
Slide Valve With Internal Actuator

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<th>Bolts</th>
<th>G</th>
<th>H</th>
<th>L</th>
<th>M</th>
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<th>N° N</th>
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1 Carbon Steel
3 304 Stainless Steel

Dimensions in inches

Valve with single type of actuator (pneumatic cylinder Ø 2.5 in) mounted inside the valve frame.
HAND WHEEL COMPATIBILITY
VLQ - VLC 0150 — CMG0150 I.
VLQ - VLC 0200 — CMG0200 I.
VLQ - VLC 0250 — CMG0250 I.
VLQ - VLR - VLC 0300 — CMG0300 I.
VLQ - VLC 0350 — CMG0350 I.
VLQ - VLC 0400 — CMG0400 I.

PNEUMATIC ACTUATOR COMPATIBILITY
VLQ - VLC 0150 — P.N. CYL. Ø 63 — KCP 063 1525 - V5V80 - LSM6
VLQ - VLC 0200
VLQ - VLC 0250 — P.N. CYL. Ø 80 — KCP 100 3540 - V5V40 - LSM6
VLQ - VLR - VLC 0300
VLQ - VLC 0350
VLQ - VLC 0400 — P.N. CYL. Ø 100 — KCP 080 1530 - V5V80 - LSM6

GEAR MOTOR COMPATIBILITY
VLQ - VLC 0150 — CRG010A150 I
VLQ - VLC 0200 — CRG010A200 I
VLQ - VLC 0250 — CRG010B250 I
VLQ - VLR - VLC 0300 — CRG010B300 I
VLQ - VLC 0350 — CRG010B350 I
VLQ - VLC 0400 — CRG010B400 I

PNEUMATIC ACTUATOR COMPATIBILITY
NO HEADLOAD ALLOWED

- VLS 0150
- VLS 0200
- VLS 0250
- VLS 0300

- V5V8 + 2 BOB

- V5V8 + 1 BOB

• ALTERNATING CURRENT  Δ DIRECT CURRENT

No WAM supply

≥ 60 mm

CETOP

ISO 6431
VDMA 24562
VDI

The VDI Inclined Slide Valve is innovative as a whole. Its inclined blade forms an eye-shaped aperture with the asymmetrically tapered inner body. The wider the eye is opened, the more material flows through, the further it is closed, the more the material flow is reduced.

The inner body consists of a self-supporting cast in SINT® engineering polymer composite. The blade is manufactured from carbon or stainless steel. The Valve can be operated manually, electropneumatically or by gear motor. Function

The VDI Inclined Slide Valve adds to the simple function of material flow by gravity interception the ability to control the material flow. The particular asymmetrical geometry of the blade enables flow adjustment adding, within certain limits, volumetric feeding properties to the unit. VDI Valves can be mounted on the outlets of hoppers, tanks, silos, screw conveyors, and loading bellows. Due to the different blade options they are used in virtually every industry, food-grade applications included.

BENEFITS

- SINT® engineering polymers for standard or food-grade applications
- Dustproof design
- Intermediate blade positions for feeding
- Highly abrasion-resistant

<table>
<thead>
<tr>
<th>TYPE</th>
<th>ØA</th>
<th>ØB</th>
<th>C</th>
<th>D</th>
<th>d</th>
<th>E</th>
<th>ØF</th>
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Dimensions in inches

- Controlled Material Flow

1 mild steel
2 stainless steel 304
HAND WHEEL COUPLING

VDI 0150.. -CMG0200 I.
VDI 0250.. -CMG0300 I.
VDI 0300.. -CMG0300 I.

PNEUMATIC ACTUATOR COUPLING

VDI 0150.. P.N. CYL.Ø 63 x 200 KCP 063 1525 - V5V80 - LSM6
VDI 0250.. P.N. CYL.Ø 80 x 300 KCP 080 1530 - V5V80 - LSM6
VDI 0300.. P.N. CYL.Ø 80 x 300 KCP 080 1530 - V5V80 - LSM6

*Series BOB WAM

- Aluminium Body
- Alternating Current
- Direct Current

NON WAM

GEAR MOTOR COUPLING

Under Heavy Load

VDI 0150.. CRG010B200 I.
VDI 0250.. CRG010B300 I.
VDI 0300.. CRG010B300 I.

LSM6
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.