

Concrete Production

VL Slide Valves

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Description ▼

VL-type Slide Valves consist of a two-piece carbon steel frame, which is partly coated with WAM®'s unique SINT® engineering polymer composite, and a sliding blade manufactured either from the same material or from carbon steel. The use of SINT® engineering polymer composites considerably increases resistance to abrasion compared to traditional valves.

Function ▼

VL Slide Valves are used where flow of a bulk solid 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.



Applications ▼

VL Slide Valves are used to shut off the outlets of cement and other powdery material silos. Usually kept open during regular operation and even after work shutdown, they need to be perfectly functional for outlet cone closure when maintenance is performed on any of the downstream equipment.

Due to their special design and to the engineering materials used, they represent a particularly cost-effective yet most efficient solution.

Benefits ▼

- ✓ **Dust and granule-proof thanks to components geometry;**
- ✓ **Easy integration into the process and easy handling;**
- ✓ **Modular design and easy maintenance thanks to small numbers of components;**
- ✓ **High flexibility and time-saving maintenance thanks to interchangeable components;**
- ✓ **Better performance thanks to friction-free contact design (actuator torque is not wasted in order to win friction resistance).**



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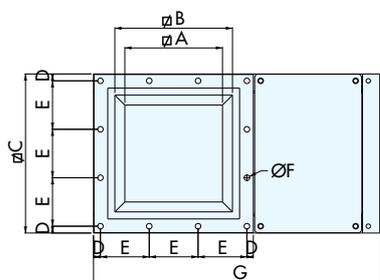
VL Slide Valves



Technical Features / Performance ▼

- ▶ Square (VLQ) or round (VLC) inlet from 150 to 400mm (6 to 16 in)
- ▶ Dust and granular-proof at max. temperature of 80°C (176 F°)
- ▶ Absence of residue points thanks to SINT® coated blade and SINT® lined frame
- ▶ Friction-free contact design
- ▶ Small number of components
- ▶ Easy part replacement
- ▶ Safe sealing with no additional measures due to the all-round dustproof seal lips incorporated in polymer coating

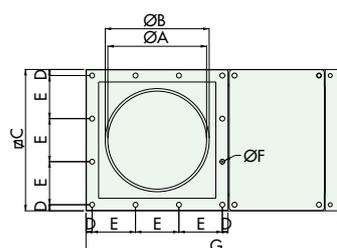
Overall Dimensions ▼



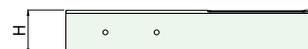
VLQ



TYPE	A	B	C	D	E	N°E	Ø F	Bolts	G	H	kg
VLQ0250..	220	275	361	15.5	110	3	12.5	M10	650	113	22
VLQ0300..	270	325	431	23.0	128	3	12.5	M10	765	113	30
VLQ0350..	320	375	481	18.0	89	5	12.5	M10	900	125	40
VLQ0400..	370	425	531	15.5	100	5	12.5	M10	1,000	125	46



VLC



TYPE	A	Ø B	Ø C	D	E	N°E	Ø F	Bolts	G	H	kg
VLC0250..	250	265	361	15.5	110	3	12.5	M10	650	113	22
VLC0300..	300	315	431	23.0	128	3	12.5	M10	765	113	30
VLC0350..	350	365	481	18.0	89	5	12.5	M10	900	125	40
VLC0400..	400	415	531	15.5	100	5	12.5	M10	1,000	125	46

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This datasheet does not show the complete range but only the models most suitable for the application.