

DryMix Processing

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 on hopper or silo outlets, on inlets or 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 special component geometry;
- ✓ Easy integration into the process and easy handling;
- ✓ ATEX certified on request;
- ✓ Time-saving maintenance thanks to interchangeable components;
- ✓ Optimized performance thanks to friction-free contact design (actuator torque is not wasted in order to win friction resistance).

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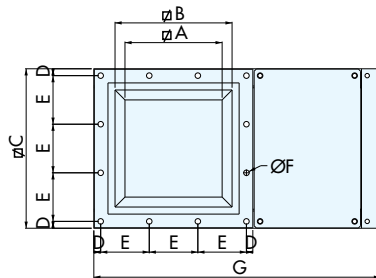
VL Slide Valves



Technical Features / Performance ▼

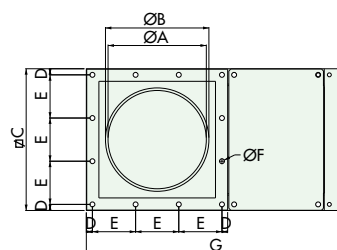
- ▶ Square (VLQ) or round (VLC) inlet from 150 to 400mm (6 to 16 in)
- ▶ Dust and granular-proof at max. temperature of 80°C (176 F°)
- ▶ Carbon steel frame, SINT® polymer or carbon steel blade
- ▶ Absence of residue points
- ▶ Friction-free contact design
- ▶ Few components
- ▶ Easy part replacement
- ▶ 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 might not show the complete range but only the models specialised for the application.