

スライドゲートバルブ



VL Slide Valves are used where the 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.

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.

VLスライドバルブは重力を使った製品搬送ライン及び遮断の必要なラインにて使用されています。

本バルブはホッパー及びサイロの排出口、コンベアの投入排出口、伸縮投入排出口に設置できます。

VLタイプスライドバルブは2種類のSS鋼かステンレス製フレームから構成されており、一部は弊社ポリウレタン(SINT®)でコーティングし、開閉ブレードはSS鋼、ステンレス鋼から選定できます。

弊社ポリウレタン技術SINT®を使用することにより、従来のバルブより耐摩耗性能を大幅に向上できます。

特別な形状のバルブ及び用途別のブレード部デザイン変更により食品業界を含めた多くの業界に適応します。

Les Vannes Guillotine VL sont utilisées pour sectionner l'écoulement d'un flux de matière au vrac. Les Vannes Guillotine VL peuvent être installées sous silos ou trémies, au-dessus des bouches d'entrée et au-dessous des bouches de sortie des transporteurs mécaniques ou en tête des goulottes télescopiques.

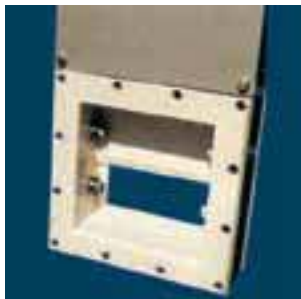
Les Vannes Guillotine VL sont composées d'un châssis en deux parties qui est partiellement revêtu en polymère technique SINT® et d'une lame revêtue du même matériau ou entièrement en acier inox. L'utilisation de SINT® augmente considérablement la résistance à l'abrasion par rapport aux vannes de type traditionnel.

La géométrie spéciale de cette gamme et les diverses options de lames rendent possible leur utilisation dans toutes les industries y compris celles de l'alimentaire.

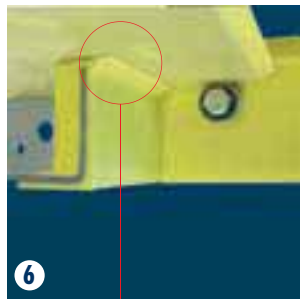
Le Valvole a Ghigliottina VL sono utilizzate laddove un flusso di materiale alla rinfusa causato o dalla gravità o da un trasporto deve essere intercettato. Le Valvole a Ghigliottina VL possono essere installate sotto le bocche di scarico di silo o tramogge, sulle bocche di carico e scarico dei trasportatori meccanici o sulle bocche di carico degli scaricatori telescopici.

Le Valvole a Ghigliottina VL sono costituite da un telaio in due pezzi che è parzialmente rivestito del tecnopolimero SINT® e da una lama rivestita dello stesso materiale o interamente in acciaio inossidabile. L'utilizzo del SINT® aumenta considerevolmente la resistenza all'abrasione rispetto alle valvole di tipo tradizionale.

La speciale geometria di questa gamma e le diverse opzioni di lame rendono possibile la loro applicazione in tutte le industrie compresa quella alimentare.



VLQ - VLR - VLS

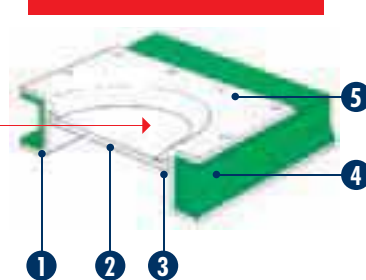
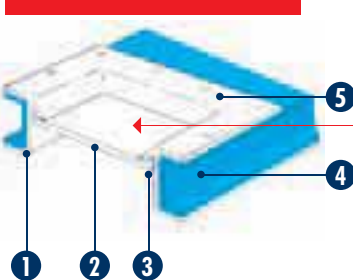


VLC



3 interchangeable actuators for valve types VLQ-VLC-VLR

3種類の取替え可能なアクチュエーター
*VLQ
*VLC
*VLR



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.st.)

③ Minimum friction contact

④ No additional lateral seals required

⑤ Dry food quality (coating in SINT®AL)

⑥ Dustproof (scraper included)

① バルブボディと搬送品との接触防止用ポリウレタンコーティング (SINT®MC及びSINT®AL)

② 高負荷仕様ブレード
材質: SS鋼、SUS304
コーティング: SINT®MC、SINT®AL

③ 低摩擦

④ 側面部の追加シールは不必要

⑤ 乾燥食品仕様
ポリウレタンコーティング (SINT®AL)

⑥ 防塵仕様
(メンテナンス用へら付)

① Vanne complètement revêtue en SINT®MC ou SINT®AL pour éviter le contact entre le produit et le corps.

② Lame de forte épaisseur (SINT®MC / SINT®AL, acier au carbone, acier inox 304)

③ Résistance par friction minimum

④ Aucun système d'étanchéité supplémentaire latéral

⑤ Apte pour produits alimentaires secs (revêtements en SINT®AL)

⑥ Étanche à la poussière (muni de racleur)

① Valvola completamente rivestita in SINT®MC o SINT®AL al fine di evitare il contatto tra il prodotto e il corpo.

② Lama a grosso spessore con smusso per invito (SINT®MC / SINT®AL, acciaio al carbonio, AISI 304).

③ Contatto con minimo attrito

④ Tenuta laterale non necessaria

⑤ Idonea a prodotti alimentari secchi (rivestimento in SINT®AL)

⑥ Tenuta polvere (provvista di raschiatore)

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)

効果

- 容易な運転
- 即送可能 (イタリアから)
- 高耐摩耗
- 容易な設置
- メンテナンス時間の削減

オプション

- SS鋼製バルブ + ポリウレタンコーティング (SINT®MC標準仕様)
- SUS製バルブ + ポリウレタンコーティング (SINT®AL食品仕様)

Avantages pour l'utilisateur

- Légèreté et facilité de manutention
- Matériel disponible en stock
- Résistance élevée à l'usure
- Facilité d'installation
- Rapidité d'entretien

Options

- Vanne en acier au carbone revêtue en SINT®MC
- Vanne en inox 304 revêtue en SINT®AL (approuvée FDA)

Vantaggi per l'utilizzatore

- Leggerezza e facilità di movimentazione
- Materiale disponibile a magazzino
- Elevata resistenza all'usura
- Facilità di installazione
- Rapidità di manutenzione

Opzioni

- Valvola in acciaio al carbonio rivestita in SINT®MC.
- Valvola in AISI 304 rivestita in SINT®AL (approvata FDA)

HAND WHEEL COMPATIBILY

手動ハンドル組合せ

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 COMPATIBILY

エアアクチュエーター組合せ

VLQ - VLC 0150 ..	— ● P.N. CYL. Ø 63 —	KCP 063 1525 - V5V80 - LSM6	• BOB 02450
VLQ - VLC 0200 ..	— ● P.N. CYL. Ø 80 —	KCP 080 1530 - V5V80 - LSM6	• BOB 04850
VLQ - VLC 0250 ..			• BOB 11050
VLQ - VLR-VLC 0300 ..	— ● P.N. CYL. Ø 100 —	KCP 100 3540 - V5V40 - LSM6	• BOB 22050
VLQ - VLC 0350 ..			△ BOB 024CC
VLQ - VLC 0400 ..			△ BOB 048CC
			△ BOB 110CC
			△ BOB 220CC

* ALUMINIUM CASING

・ アルミニウムケーシング

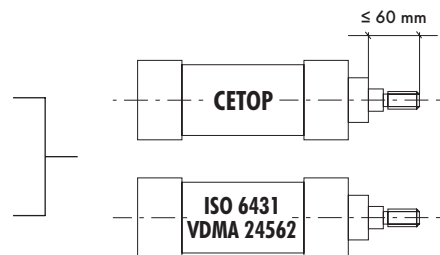
• ALTERNATING CURRENT

・ 交流

△ DIRECT CURRENT

△ 直流

No WAM supply
他社製



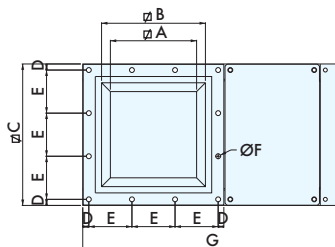
GEAR MOTOR COMPATIBILY

ギアモーター組合せ

VLQ - VLC 0150 ..	-	CRG010A150 I	LSM6 *
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	

* Signalling system obligatory
シグナルシステム (LSM6) は
必須

VLQ



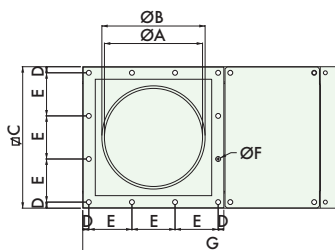
Square Cross Section Valves
角型バルブ



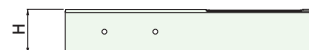
TYPE	A	B	C	D	E	N° E	Ø F	Bolts Schrauben Boulons Bulloni	G	H	kg
VLQ0150..	120	175	261	15,5	115,0	2	12,5	M10	455	113	14
VLQ0200..	170	225	311	15,5	93,3	3	12,5	M10	555	113	18
VLQ0250..	220	275	361	15,5	110,0	3	12,5	M10	650	113	22
VLQ0300..	270	325	431	23,0	128,3	3	12,5	M10	765	113	30
VLQ0350..	320	375	481	18,0	89,0	5	12,5	M10	900	125	40
VLQ0400..	370	425	531	15,5	100,0	5	12,5	M10	1.000	125	46

- 1 Carbon Steel –SS鋼
- 2 304 Stainless Steel –SUS304

VLC



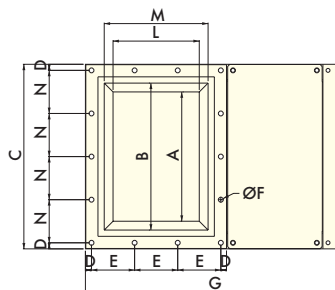
Round Cross Section Valves
丸型バルブ



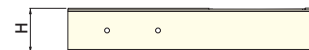
TYPE	A	Ø B	Ø C	D	E	N° E	Ø F	Screw Schrauben Boulons Bulloni	G	H	kg
VLC0150..	150	165	261	15,5	115,0	2	12,5	M10	455	113	14
VLC0200..	200	215	311	15,5	93,3	3	12,5	M10	555	113	18
VLC0250..	250	265	361	15,5	110,0	3	12,5	M10	650	113	22
VLC0300..	300	315	431	23,0	128,3	3	12,5	M10	765	113	30
VLC0350..	350	365	481	18,0	89,0	5	12,5	M10	900	125	40
VLC0400..	400	415	531	15,5	100,0	5	12,5	M10	1.000	125	46

- 1 Carbon Steel –SS鋼
- 2 304 Stainless Steel –SUS304

VLR



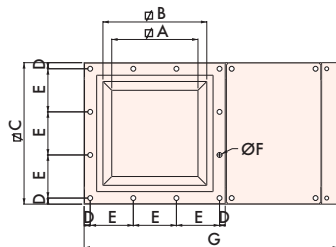
Rectangular Cross Section Valves
長方形型バルブ



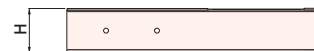
TYPE	A	B	C	D	E	N° E	Ø F	Bolts Schrauben Boulons Bulloni	G	H	L	M	N	N° N	kg
* VLR0150..	204	260	346	15,5	115,0	2	12,5	M10	455	109	119	175	105	3	18
* VLR0200..	281	337	423	15,5	93,3	3	12,5	M10	555	109	169	225	98	4	25
* VLR0250..	353	409	495	15,5	110,0	3	12,5	M10	650	109	219	275	116	4	30
VLR0300..	428	484	592	23,0	128,3	3	12,5	M10	765	109	269	325	136	4	40

- 1 Carbon Steel –SS鋼
- 2 304 Stainless Steel –SUS304

* Not yet in production / 製造予定



Slide Valve With Internal Actuator
エアシリンダー内臓型バルブ



TYPE	A	B	C	D	E	N°E	Ø F	Bolts Schrauben Boulons Bulloni	G	H	kg
VLS0150..	120	175	261	15,5	115,0	2	12,5	M10	455	113	16,5
VLS0200..	170	225	311	15,5	93,3	3	12,5	M10	555	113	21,0
VLS0250..	220	275	361	15,5	110,0	3	12,5	M10	650	113	25,5
VLS0300..	270	325	431	23,0	128,3	3	12,5	M10	765	113	34,0

- 1 Carbon Steel - SS鋼
2 304 Stainless Steel - SUS304

Valve with single type of actuator (pneumatic cylinder Ø 63 mm) mounted inside the valve frame.

アクチュエーター（エアシリンダーφ63mm）はバルブの中に設置

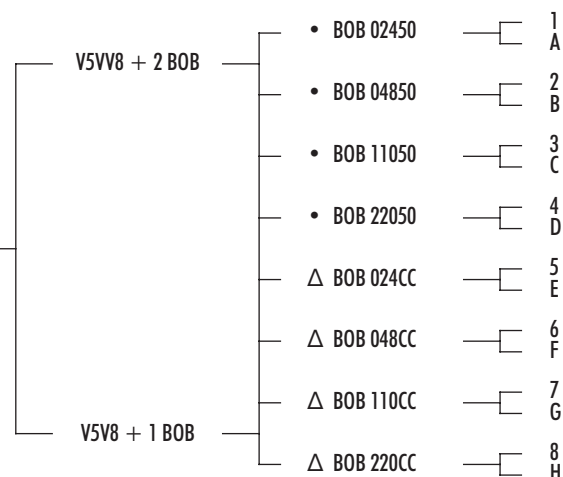
Pneumatic Actuator Compatibility - エアアクチュエーター組合せ

No headload allowed!
Keine Schieberleibbelastung gestattet!
Sans charge!
Senza battente!



Valve viewed upside down
排出側詳細

- ALTERNATING CURRENT
• 交流
- △ DIRECT CURRENT
△ 直流



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