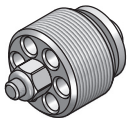
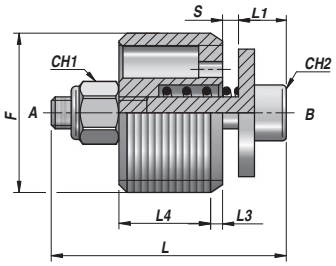
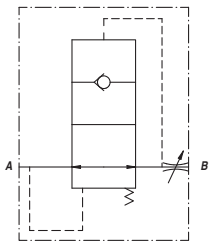
VUBA

VALVE PARACHUTE
HOSE BURST VALVE







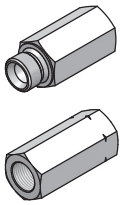
Code *Code*	F BSP	Q MAX l/min	P MAX bar	S	Q STD l/min	Type *Type*	L	L1	L3	L4	CH1	CH2	kg x 100
VCG390.100800	1/4"	29	350	0.8	15.5	VUBA 010 - 0.8	19	5.0	1.0	7.0	5.5	2.5	1,00
VCG390.201500	3/8"	45	350	1.5	35.5	VUBA 020 - 1.5	23	5.0	1.5	9.5	5.5	2.5	1,50
VCG390.301800	1/2"	67	350	1.9	60.0	VUBA 030 - 1.9	29	6.0	1.5	11.5	7.0	3.0	2,50
VCG390.402200	3/4"	169	350	2.2	149.0	VUBA 040 - 2.2	34	6.0	2.5	15.5	7.0	3.0	4,50
VCG390.502600	1"	223	350	2.6	190.0	VUBA 050 - 2.6	40	8.5	1.5	18.5	8.0	4.0	9,80

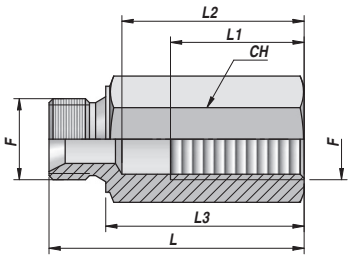
S = OVERTURE STANDARD - *STANDARD OPENING*
SURFACES CORPS TRAITEES - LAPPED TIGHT SURFACES

MATERIEL CORPS : ACIER — CARTOUCHE
BODY MATERIAL : STEEL — *CARTRIDGE*

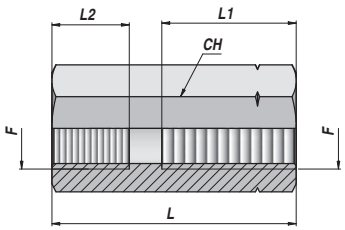
CMF x VUBA CFF x VUBA

RACCORD POUR VALVE "VUBA"
"VUBA" VALVE ADAPTER





TYPE CMF



TYPE CFF

Code *Code*	F BSP	P MAX bar	Type *Type*	L	L1	L2	L3	CH	kg x 100
			MALE-FEMELLE *MALE-FEMALE*						
VCG391.100000	1/4"	350	CMFxVUBA-010	50	23	31	38	19	7,00
VCG391.200000	3/8"	350	CMFxVUBA-020	60	30	43	48	22	9,50
VCG391.300000	1/2"	350	CMFxVUBA-030	63	33	45	49	27	14,70
VCG391.400000	3/4"	300	CMFxVUBA-040	75	36	50	59	32	22,50
VCG391.500000	1"	250	CMFxVUBA-050	88	46	60	70	41	42,50
			FEMELLE-FEMELLE *FEMALE-FEMALE*						
VCG392.100000	1/4"	350	CFFxVUBA-010	50	20	12	-	19	7,00
VCG392.200000	3/8"	350	CFFxVUBA-020	58	27	14	-	22	9,80
VCG392.300000	1/2"	350	CFFxVUBA-030	60	33	19	-	27	14,50
VCG392.400000	3/4"	300	CFFxVUBA-040	76	36	19	-	32	22,20
VCG392.500000	1"	250	CFFxVUBA-050	85	46	18	-	41	43,50

MATERIEL : ACIER
MATERIAL : STEEL

Disponibilités & Tarifs en ligne sur **www.unidro-contarini.com/fr/disponibilites-tarifs**
*Availability & Rates online on **www.unidro-contarini.com/fr/disponibilites-tarifs/***

La société peut apporter toute modification au produit sans avis préalable.
The company reserves the right to modify the product at any time without prior notice.



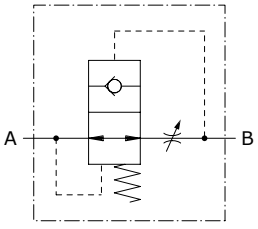
Type VB
check valves

- Hose burst valve
- Automatic stop for sudden flow increase

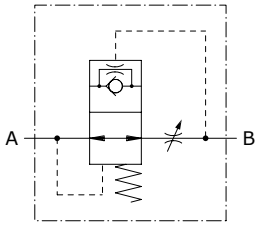
Technical specifications and diagrams are measured with mineral oil ISO VG32 at 40°C *(104°F)* temperature.

		VB 14	VB 38	VB 12	VB 34	VB 100
Max. flow		30 l/min *(7.9 US gpm)*	45 l/min *(11.9 US gpm)*	65 l/min *(17.2 US gpm)*	170 l/min *(44.9 US gpm)*	225 l/min *(59.4 US gpm)*
Max. pressure		350 bar *(5100 psi)*				
Fluid		mineral based oil				
Viscosity		10-200 cSt				
Max. level of contamination		18/16/13 ISO4406				
Fluid temperature		*with NBR seals* from -20°C *(-4°F)* to 80°C *(176°F)*				
Environmental temp. for working conditions		from -40°C *(-40°F)* to 100°C *(212°F)*				
Weight	*steel*	0.01 kg *(0.022 lb)*	0.015 kg *(0.033 lb)*	0.025 kg *(0.055 lb)*	0.045 kg *(0.099 lb)*	0.098 kg *(0.22 lb)*

*NOTES - **Replace the valve after each operation**. For different conditions, please contact Sales Dpt.*



With metering hole

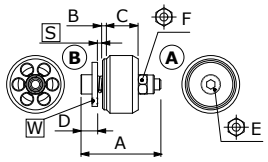


NOTE - For valve with optional calibration hole, please contact our Sales Dpt.

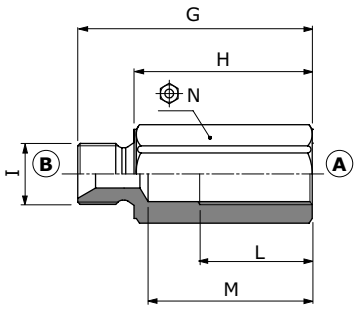
Dimension

Valve type	All ports
VB 14	G 1/4
VB 38	G 3/8
VB 12	G 1/2
VB 34	G 3/4
VB 100	G 1

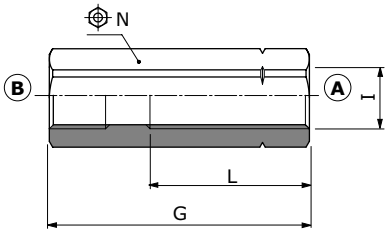
Type VB



Housing type VB/M



Housing type VB/F



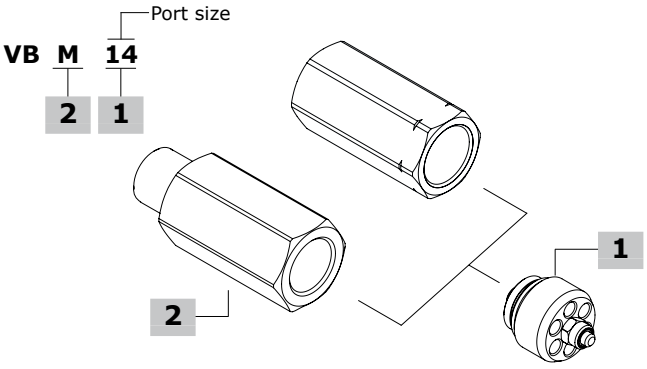
Dimensions are in mm-*in*

Valve type	A	B	C	D	E	F
VB 14	19 *0.75*	1 *0.039*	7 *0.27*	5 *0.2*	5.5	2.5
VB 38	23 *0.9*	1.5 *0.059*	9.5 *0.37*	5 *0.2*	5.5	2.5
VB 12	29 *1.14*	1.5 *0.059*	11.5 *0.45*	6 *0.23*	7	3
VB 34	34 *1.34*	2.5 *0.098*	15.5 *0.61*	6 *0.23*	7	3
VB 100	40 *1.57*	1.5 *0.059*	18.5 *0.73*	8.5 *0.33*	8	4

NOTE - The setting of **S** is recommended to be 1.5 - 2 times the maximum descent flow
W= optional calibration hole

Housing type		G	H	I	L	M	N
M	**01**	50 - *1.97*	38 - *1.50*	G 1/4	23 - *0.9*	31 - *1.22*	19
	02	60 - *2.36*	48 - *1.89*	G 3/8	30 - *1.18*	43 - *1.69*	22
	03	63 - *2.48*	49 - *1.93*	G 1/2	33 - *1.30*	45 - *1.77*	27
	04	75 - *2.95*	59 - *2.32*	G 3/4	36 - *1.42*	50 - *1.97*	32
	05	88 - *3.46*	70 - *2.75*	G 1	46 - *1.81*	60 - *2.36*	41
F	**01**	50 - *1.97*	-	G 1/4	20 - *0.79*	-	19
	02	58 - *2.28*	-	G 3/8	27 - *1.06*	-	22
	03	60 - *2.36*	-	G 1/2	33 - *1.30*	-	27
	04	76 - *2.99*	-	G 3/4	36 - *1.42*	-	32
	05	*85 - 3.35*	-	G 1	46 - *1.81*	-	41

Ordering codes and description composition



VB complete valves

Chartridge with steel housing

TYPE	CODE	DESCRIPTION
VB/M 14 S=1	1431210100	Male-female G1/4 ports
VB/F 14 S=1	1431110100	Female-female G1/4 ports
VB/M 38 S=1,5	1431220100	Male-female G3/8 ports
VB/F 38 S=1,5	1431120100	Female-female G3/8 ports
VB/M 12 S=1,8	1431230100	Male-female G1/2 ports
VB/F 12 S=1,8	1431130100	Female-female G1/2 ports
VB/M 34 S=2,2	1431240100	Male-female G3/4 ports
VB/F 34 S=2,2	1431140100	Female-female G3/4 ports
VB/M 100 S=2,6	1431250100	Male-female G1 ports
VB/F 100 S=2,6	1431150100	Female-female G1 ports

For different configurations, SAE thread and valve with optional calibration hole, please contact our Sales Dpt.

1 Cartridge

TYPE	CODE	DESCRIPTION
VB 14 S=1	1431010100	G1/4, "S" standard setting 1, standard flow rate 18.5 l/min *(4.89 US gpm)*
VB 38 S=1,5	1431020100	G3/8, "S" standard setting 1.5, standard flow rate 35.5 l/min *(9.38 US gpm)*
VB 12 S=1,8	1431030100	G1/2, "S" standard setting 1.9, standard flow rate 60 l/min *(15.85 US gpm)*
VB 34 S=2,2	1431040100	G3/4, "S" standard setting 2.2, standard flow rate 149 l/min *(39.36 US gpm)*
VB 100 S=2,6	1431050100	G1, "S" standard setting 2.6, standard flow rate 190 l/min *(50.19 US gpm)*

For different configurations or SAE thread please contact our Sales Dpt.

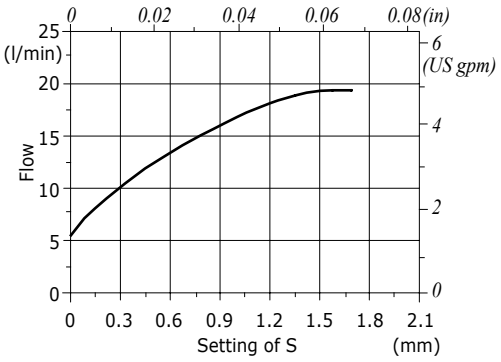
2 Housing

M-F (male-female) or F-F (female-female) steel housing

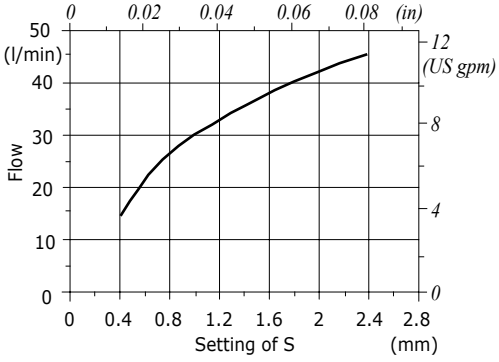
TYPE	CODE	DESCR.	TYPE	CODE	DESCR.
MF14	CMFVUBA01	G1/4, M-F	**MF04**	CMFVUBA04	G3/4, M-F
FF14	CFFVUBA-VSC01	G1/4, F-F	**FF04**	CFFVUBA04	G3/4, F-F
MF02	CMFVUBA02	G3/8, M-F	**MF05**	CMFVUBA05	G1, M-F
FF02	CFFVUBA02	G3/8, F-F	**FF05**	CFFVUBA04	G1, F-F
MF03	CMFVUBA03	G1/2, M-F			
FF03	CFFVUBA03	G1/2, F-F			

Rating diagrams

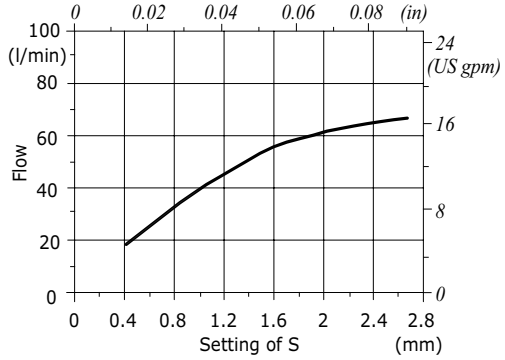
VB G 1/4 flow vs. setting of S



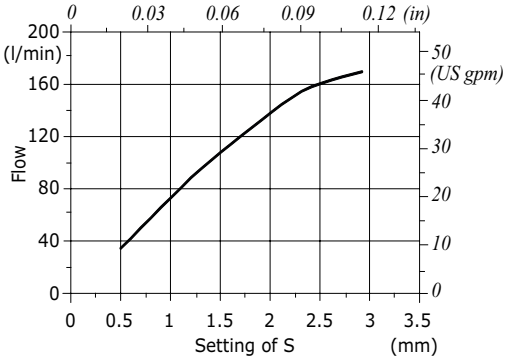
VB G 3/8 flow vs. setting of S



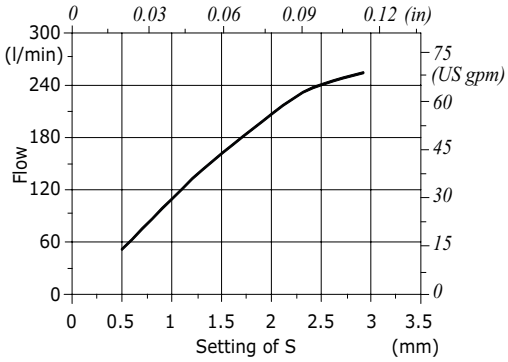
VB G 1/2 flow vs. setting of S



VB G 3/4 flow vs. setting of S



VB G 1 flow vs. quote S



V1601.xxxx

VALVOLE UNIDIREZIONALI REGISTRABILI CON BLOCCO AUTOMATICO(PARACADUTE)

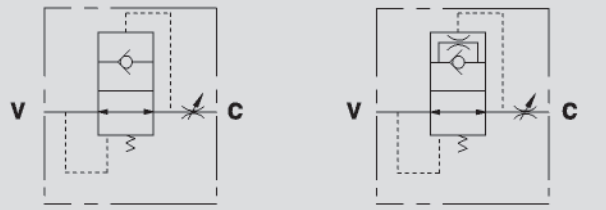
HOSE BURST CARTRIDGE VALVES

TIPO / TYPE

VUBA



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



Con foro sul piattello
With hole on the sealing plate

IMPIEGO:

Valvole utilizzate per prevenire la discesa incontrollata dell'attuatore in caso di rottura della tubazione. All'improvviso aumentare della portata (flusso di reazione) la valvola entra in funzione chiudendo il flusso. Non sono valvole di ritegno o strozzatori monodirezionali. si raccomanda l'uso di una valvola regolatrice di flusso a valle di queste valvole.

MATERIALI E CARATTERISTICHE:

Corpo: acciaio, brunito.

MONTAGGIO:

Avvitare la valvole nell'apposita cavità collegando V all'alimentazione e C all'attuatore. Se ne consiglia l'uso con una valvola di regolazione flusso.

A RICHIESTA:

- Regolazioni personalizzate (è consigliata una taratura tale che il flusso corrispondente sia almeno 1,5 volte superiore al flusso dell'impianto): specificare la portata in l/min(CODICE/T) o la distanza S in mm tra piattello e valvola(CODICE/S).
- Con foro sul piattello (CODICE/F, specificando la dimensione del foro) per la discesa lenta del carico a valvola chiusa
- Valvole complete di manicotto maschio-femmina o femmina- femmina per il montaggio in linea vicino all'attuatore.

USE AND OPERATION:

Valves used to prevent the uncontrolled descent of an actuator in the case of a hose burst. When the flow exceeds the valve setting (reaction flow), the valve will block the flow. these valves are not load holding or unidirectional restrictors.
A flow control valve is recommended downstream of the valve.

MATERIALS AND FEATURES:

Body: steel, burnished.

CONNECTIONS:

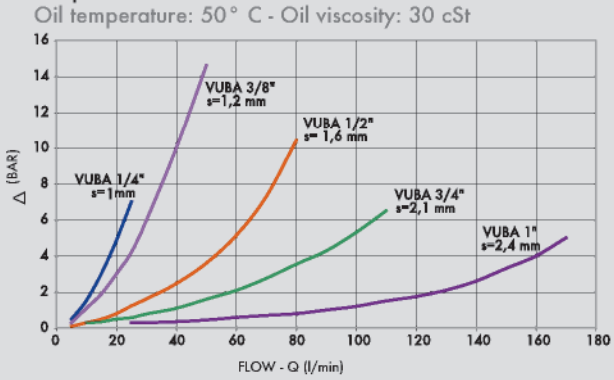
Screw the valve into the correct port connecting V to the supply flow and C to the actuator.

ON REQUEST:

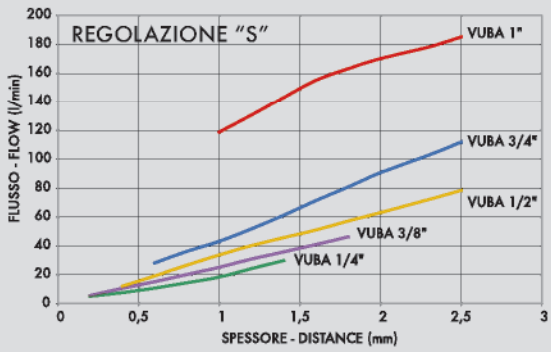
- Preset hose bursts available (the reaction flow should be set to 1.5 times the flow rate of the system). Please specify flow (lt/min) or distance S (mm) from the flat to the valve.
- Hole on the flat (CODE/F, please specify hole on the sealing face) for a slow load descent with closed valve.
- Valve complete with male-female or female-female body for in line mounting by the actuator.

PERDITE DI CARICO
PRESSURE DROP CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

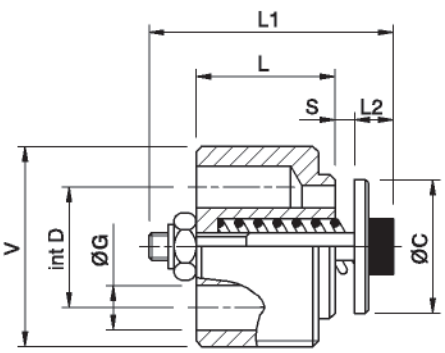


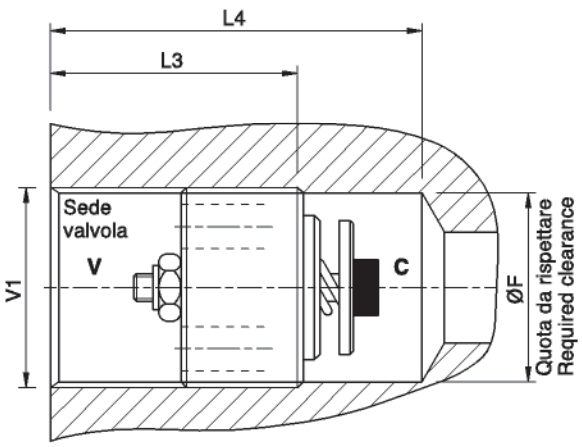
FLUSSO/SPESSORE
FLOW/DISTANCE



V1601.xxxx

CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V0770	VUBA 1/4"	20	350
V0780	VUBA 3/8"	50	350
V0790	VUBA 1/2"	80	350
V0800	VUBA 3/4"	140	350
V0810	VUBA 1"	180	350

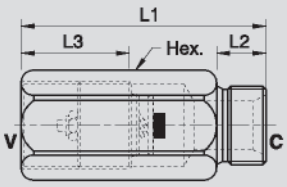




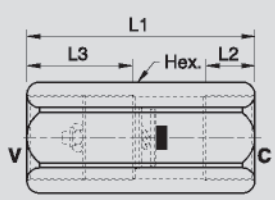
CODICE CODE	SIGLA TYPE	V-V1 GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	ØC mm	ØG mm	ØF mm	ØD(i) mm	S mm	PESO WEIGHT kg
V0770	VUBA 1/4"	G1/4"	8	18	5	28	35	9,5	2,5	11,75	8	1,0	0,006
V0780	VUBA 3/8"	G3/8"	10,5	23	5	31	40	12,5	3,5	15,2	10,5	1,2	0,012
V0790	VUBA 1/2"	G1/2"	13	29	5	33	43	15	4,5	19	12,5	1,6	0,024
V0800	VUBA 3/4"	G3/4"	18	34	7	40	53	18,5	6	24,5	16	2,1	0,048
V0810	VUBA 1"	G1"	20	40	8	43	66	25	7	30,5	19	2,8	0,098

CODICE CODE	SIGLA TYPE	V-C GAS	L1 mm	L2 mm	L3 mm	HEX mm	PESO WEIGHT kg
V0771	VUBA 1/4"+MFF	G1/4"	50	16	28	19	0,072
V0781	VUBA 3/8"+MFF	G3/8"	58	17	31	24	0,132
V0791	VUBA 1/2"+MFF	G1/2"	62	18	33	27	0,146
V0801	VUBA 3/4"+MFF	G3/4"	75	21	40	32	0,220
V0811	VUBA 1"+MFF	G1"	85	26	43	41	0,452
V0772	VUBA 1/4"+MMF	G1/4"	50	12	28	19	0,064
V0782	VUBA 3/8"+MMF	G3/8"	58	13	31	24	0,120
V0792	VUBA 1/2"+MMF	G1/2"	62	14	33	27	0,140
V0802	VUBA 3/4"+MMF	G3/4"	75	16	40	32	0,228
V0812	VUBA 1"+MMF	G1"	85	19	43	41	0,456

Codice / Code MFF

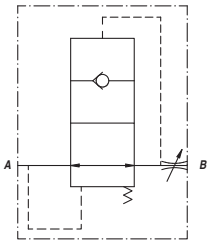


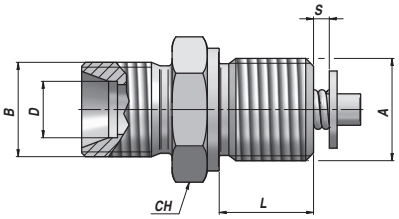
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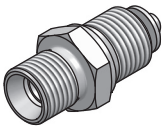


VALVE PARACHUTE - DIN 2353
HOSE BURST VALVE - DIN 2353

VUBA DIN







Code *Code*	A BSP	B	Q MAX l/min	P MAX bar	S	Q STD l/min	Type *Type*	L	D	CH	kg x 100
V1690.0784	3/8"	M16x1.5	50	350	1.2	32	VUBA-DIN 3/8" T10L	11	10	22	6,00
V1690.0786	3/8"	M18x1.5	50	350	1.2	32	VUBA-DIN 3/8" T12L	11	12	22	6,50
V1690.0787	3/8"	M22x1.5	50	350	1.2	32	VUBA-DIN 3/8" T15L	11	15	24	9,70
V1690.0794	1/2"	M22x1.5	80	350	1.6	54	VUBA-DIN 1/2" T15L	13	15	27	11,50

S = OVERTURE STANDARD - *STANDARD OPENING*

MATERIEL CORPS	: ACIER	CARTOUCHE	
BODY MATERIAL	*: STEEL*	*CARTRIDGE*	

La société peut apporter toute modification au produit sans avis préalable.
The company reserves the right to modify the product at any time without prior notice.

VALVOLE UNIDIREZIONALI CON BLOCCO AUTOMATICO REGISTRABILI DIN 2353

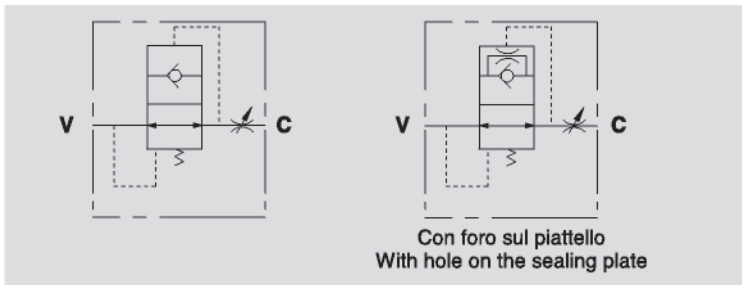
ADJUSTABLE HOSE BURST VALVES DIN 2353

TIPO / TYPE

VUBA DIN



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPEGNO:
Valvole utilizzate per prevenire la discesa incontrollata dell'attuatore in caso di rottura della tubazione. All'improvviso aumentare della portata (flusso di reazione) la valvola entra in funzione chiudendo il flusso. Non sono valvole di ritegno o strozzatori monodirezionali. Si raccomanda l'uso di una valvola regolatrice d flusso a valle di queste valvole.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Piattello: acciaio brunito.

MONTAGGIO:
Avvitare la valvola nell'apposita cavità collegando V all'alimentazione e C all'attuatore. Se ne consiglia l'uso con una valvola di regolazione flusso.

A RICHIESTA:
• Regolazioni personalizzate (è consigliata una taratura tale che il flusso corrispondente sia almeno 1,5 volte superiore al flusso dell'impianto): specificare la portata (l/min) o la distanza S (mm) tra piattello e valvola.
• Con foro sul piattello (CODICE/F, specificando la dimensione del foro) per la discesa lenta del carico a valvola chiusa.

USE AND OPERATION:
Valves used to prevent the uncontrolled descent of an actuator in the case of a hose burst.
When the flow exceeds the valve setting (reaction flow), the valve will block the flow.
these valves are not load holding or unidirectional restrictors. A flow control valve is recommended downstream of the valve.

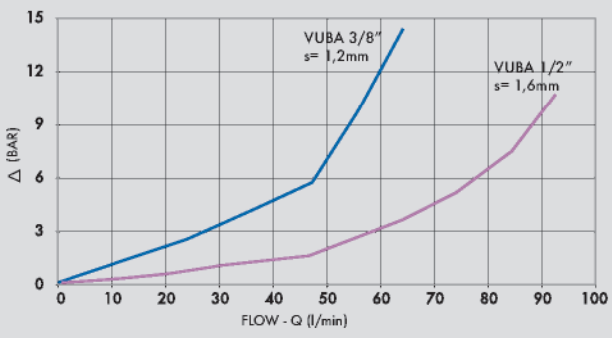
MATERIALS AND FEATURES:
Body: zinc-plated steel.
Flat: burnished steel.

CONNECTIONS:
Screw the valve into the correct port connecting V to the pressure flow and C to the actuator. The use together with a flow control valve is recommended.

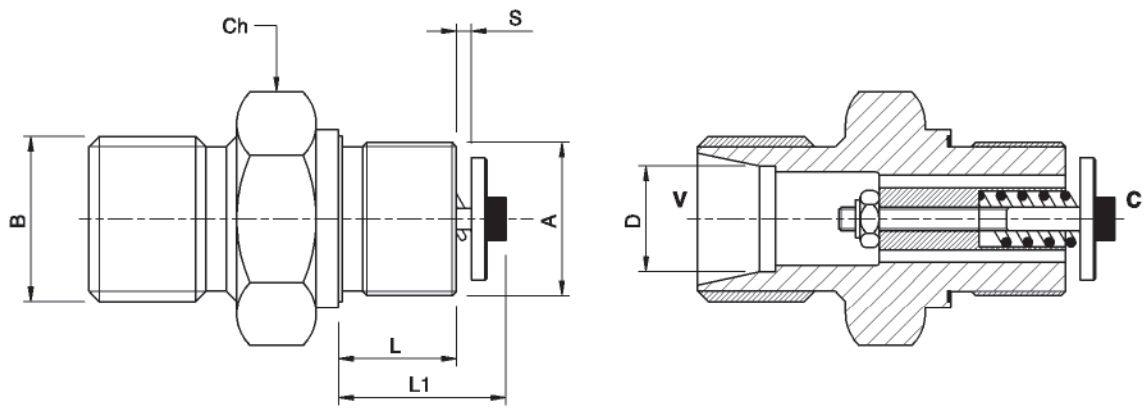
ON REQUEST:
• Preset hose bursts available (the reaction flow should be set to 1.5 times the flow rate of the system). Please specify flow (lt/min) or distance S (mm) from the flat to the valve.
• Hole on the flat (CODE/F, please specify hole on the sealing face) for a slow load descent with closed valve.

PERDITE DI CARICO
PRESSURE DROP CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt



CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V0784	VUBA 3/8" DIN T10L	50	350
V0786	VUBA 3/8" DIN T12L	50	350
V0787	VUBA 3/8" DIN T15L	50	350
V0794	VUBA 1/2" DIN T15L	80	350



CODICE CODE	SIGLA TYPE	A GAS	B mm	C mm	L mm	L1 mm	D mm	S mm	Ch mm	PESO WEIGHT kg
V0784	VUBA 3/8" DIN T10L	G3/8"	M16x1,5	12,5	11	17	10	1,2	22	0,042
V0786	VUBA 3/8" DIN T12L	G3/8"	M18x1,5	12,5	11	17	12	1,2	22	0,044
V0787	VUBA 3/8" DIN T15L	G3/8"	M22x1,5	12,5	11	17	15	1,2	24	0,056
V0794	VUBA 1/2" DIN T15L	G1/2"	M22x1,5	16	3	19,5	15	1,6	27	0,074

V1690.0785
V1690.0795

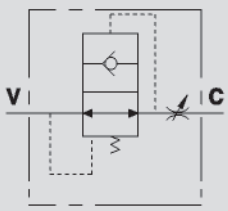
VALVOLE UNIDIREZIONALI CON BLOCCO AUTOMATICO E REGOLAZIONE ESTERNA

HOSE BURST VALVES WITH EXTERNAL ADJUSTMENT

TIPO / TYPE
VUBR



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvole utilizzate per prevenire la discesa incontrollata dell'attuatore in caso di rottura della tubazione. All'improvviso aumentare della portata (flusso di reazione) la valvola entra in funzione chiudendo il flusso. Rispetto alle tradizionali valvole paracadute permette la regolazione esterna della portata tramite grano.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Tenuta: a sfera.

MONTAGGIO:
Collegare V all'alimentazione e C all'attuatore. Per regolare la portata (1 giro ≈ 15 l) tenere il dado ermetico appoggiato alla valvola in modo da evitare perdite di olio.

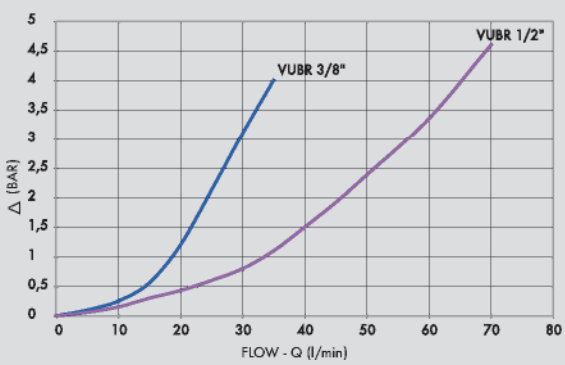
USE AND OPERATION:
These valves are used to prevent uncontrolled descent of a load in case of hose failure. When the flow exceeds the valve setting (reaction flow), the valve will block the flow.
Unlike the standard hose burst valves these include an external flow adjuster

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal components: hardened and ground steel.
Load holding : ball type.

CONNECTIONS:
Connect V to the supply flow and C to the actuator. To adjust the flow (1 turn ≈ 15 l), keep the nut on the valve in order to prevent oil leakage.

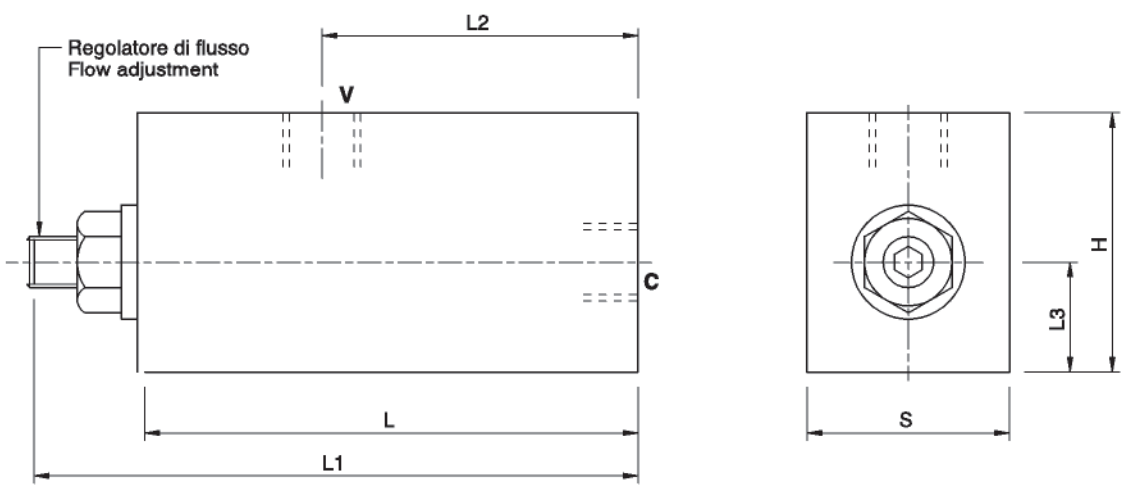
PERDITE DI CARICO
PRESSURE DROP CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt



V1690.0785
V1690.0795

CODICE CODE	SIGLA TYPE	PORTATA MAX MAX FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V0785	VUBR 3/8"	40	300
V0795	VUBR 1/2"	70	300



CODICE CODE	SIGLA TYPE	V - C GAS	L mm	L1 mm	L2 mm	L3 mm	H mm	S mm	PESO WEIGHT kg
V0785	VUBR 3/8"	G3/8"	76	93	47	16	40	30	0,634
V0795	VUBR 1/2"	G1/2"	76	93	47	16	40	30	0,586