



HOSE BURST CARTRIDGE VALVE

VUBA

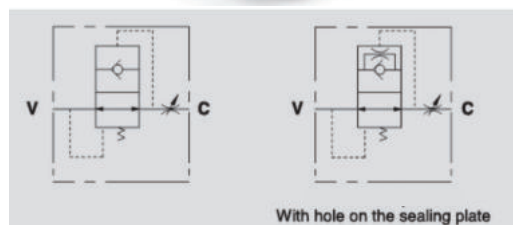
Flow Upto 180 LPM
Pressure 350 Bar



Description & Operation

Valves are 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 flowcontrolvalve is recommended downstream of the valve. Screw the valve into the correct port connecting V to the Pressure flow and C to the actuator.



Hydraulic Symbol



Technical Data

Maximum Flow	180 LPM
Maximum Pressure	350 Bar
Body Material	Steel
Internal parts	Hardened and Ground steel
External Component treatment	Burnished
Oil Temperature	50 Deg. C
Fluids	Mineral based or synthetics with lubricating properties
Viscosity	30 cSt
Standard Sealing	NBR-Buna N
Filtration	20/18/15 ISO 4406 (Max. Filtration admitted)
Orientation / Mounting	Inline
Weight	See Ordering details



Specifications

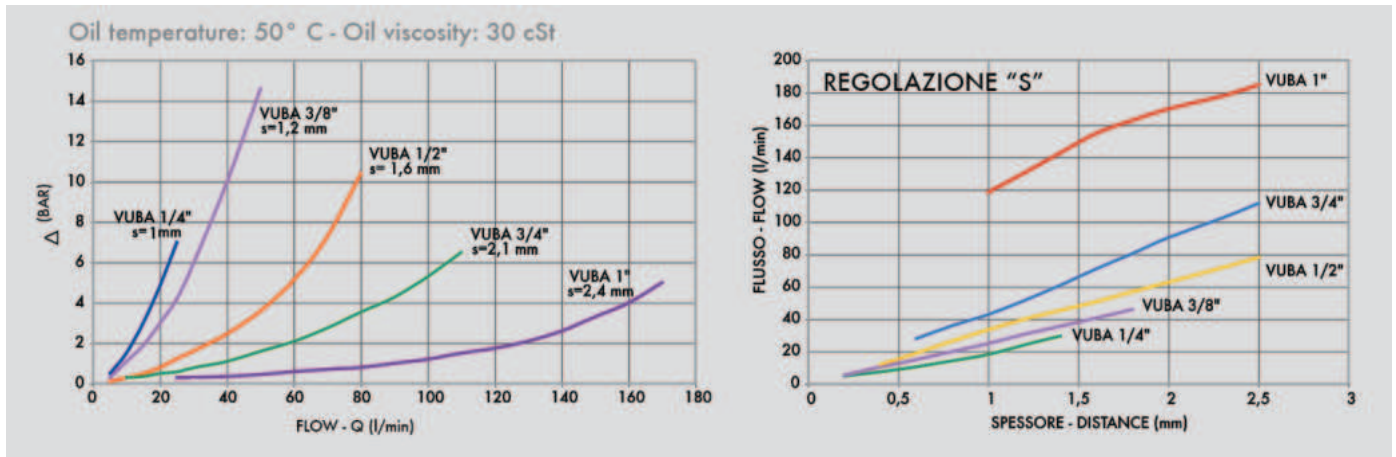
Type	Max.Flow	Max.Pressure
	LPM	Bar
VUBA 1/4"	20	350
VUBA 3/8"	50	350
VUBA 1/2"	80	350
VUBA 3/4"	140	350
VUBA 1"	180	350



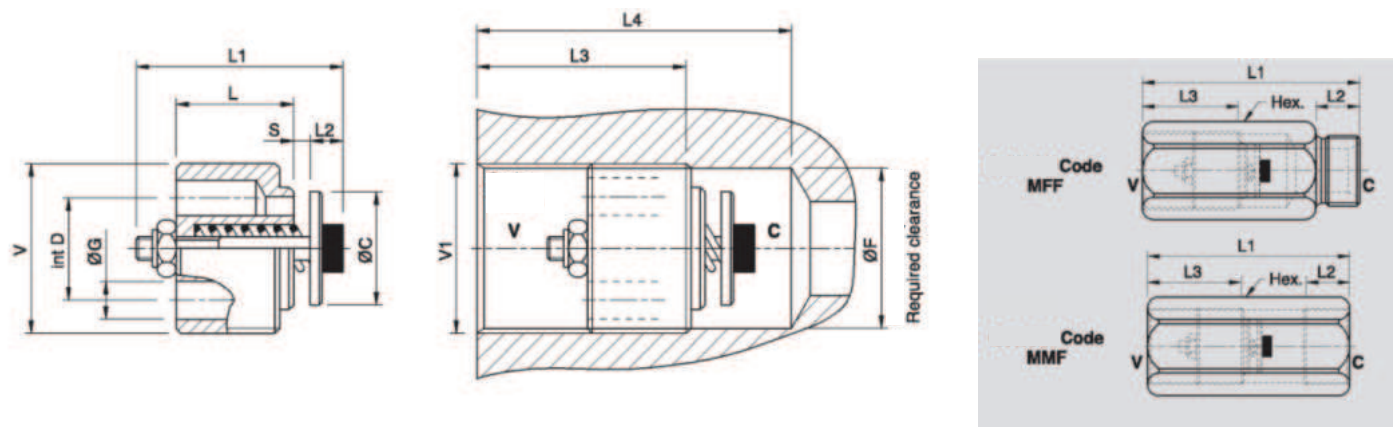
On Request

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

Performance Curve



Dimensional Drawing



Ordering Details

Code	Type	V-V1	L	L1	L2	L3	L4	ØC	ØG	ØF	ØD(i)	S	Weight
		GAS	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
R-V0770	VUBA 1/4"	G1/4"	8	18	5	28	35	9.5	2.5	11.75	8	1.0	0.006
R-V0780	VUBA 3/8"	G3/8"	10.5	23	5	31	40	12.5	3.5	15.2	10.5	1.2	0.012
R-V0790	VUBA 1/2"	G1/2"	13	29	5	33	43	15	4.5	19	12.5	1.6	0.024
R-V0800	VUBA 3/4"	G3/4"	18	34	7	40	53	18.5	6	24.5	16	2.1	0.048
R-V0810	VUBA 1"	G1"	20	40	8	43	66	25	7	30.5	19	2.8	0.098

Code	Type	V-C	L1	L2	L3	HEX	Weight
		GAS	mm	mm	mm	mm	Kg
R-V0771	VUBA 1/4"+MFF	G1/4"	50	16	28	19	0.072
R-V0781	VUBA 3/8"+MFF	G3/8"	58	17	31	24	0.132
R-V0791	VUBA 1/2"+MFF	G1/2"	62	18	33	27	0.146
R-V0801	VUBA 3/4"+MFF	G3/4"	75	21	40	32	0.220
R-V0811	VUBA 1"+MFF	G1"	85	26	43	41	0.452

Code	Type	V-C	L1	L2	L3	HEX	Weight
		GAS	mm	mm	mm	mm	Kg
R-V0772	VUBA 1/4"+MMF	G1/4"	50	12	28	19	0.064
R-V0782	VUBA 3/8"+MMF	G3/8"	58	13	31	24	0.120
R-V0792	VUBA 1/2"+MMF	G1/2"	62	14	33	27	0.140
R-V0802	VUBA 3/4"+MMF	G3/4"	75	16	40	32	0.228
R-V0812	VUBA 1"+MMF	G1"	85	19	43	41	0.456

CHECK VALVES