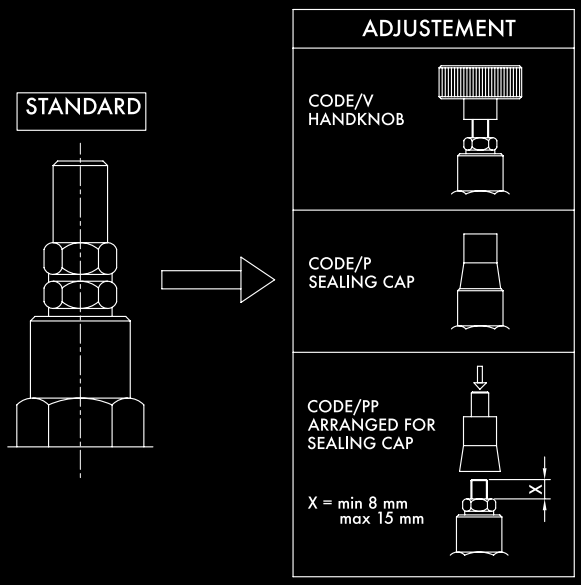
Druckfolgeventile
SEGUENCE VALVES

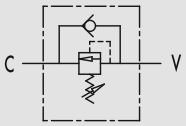
In the standard version the setting pressure regulation is made by a screw protected by a steel cap. On request handknob type regulation are available in place of the socket screw. These valves can be supplied with special sealing caps for service or lockwire (CODE/P) or prepared for lockwire (CODE/PP)



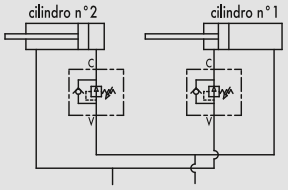
Druckfolgeventil - direktgesteuert

TYPE
VS2C

HYDRAULIC DIAGRAM



APPLICATION SCHEME



DIRECT ACTING SEQUENCE VALVES

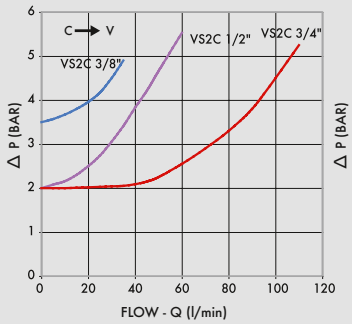
USE AND OPERATION:
Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has been completed reaching the pressure setting. Return flow is free. It's ideal for circuits with low pressure on the secondary actuator as the pressures add to.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seals: BUNA N standard
Poppet type: minor leakage

APPLICATIONS:
For use with 2 actuators, follow the mounting instructions indicated in the scheme. For different uses, mount the valve keeping into consideration that, when the valve reaches the setting pressure, the flow goes from V towards C, whilst flow is free from C to V.

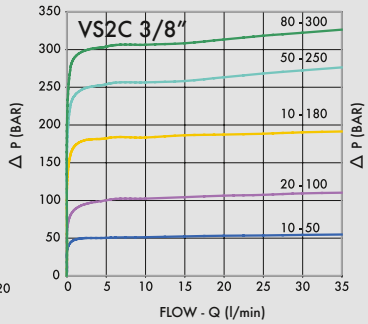
ON REQUEST
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

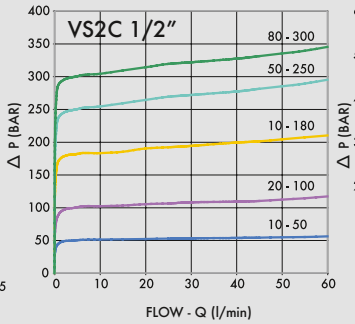
PRESSURE DROPS CURVE

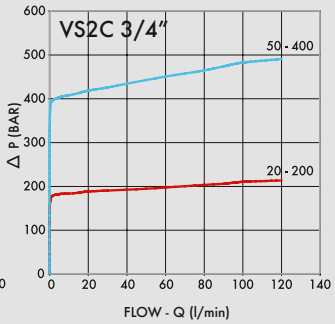


PRESSURE/FLOW

Oil temperature: 50° C - Oil viscosity: 30 cSt

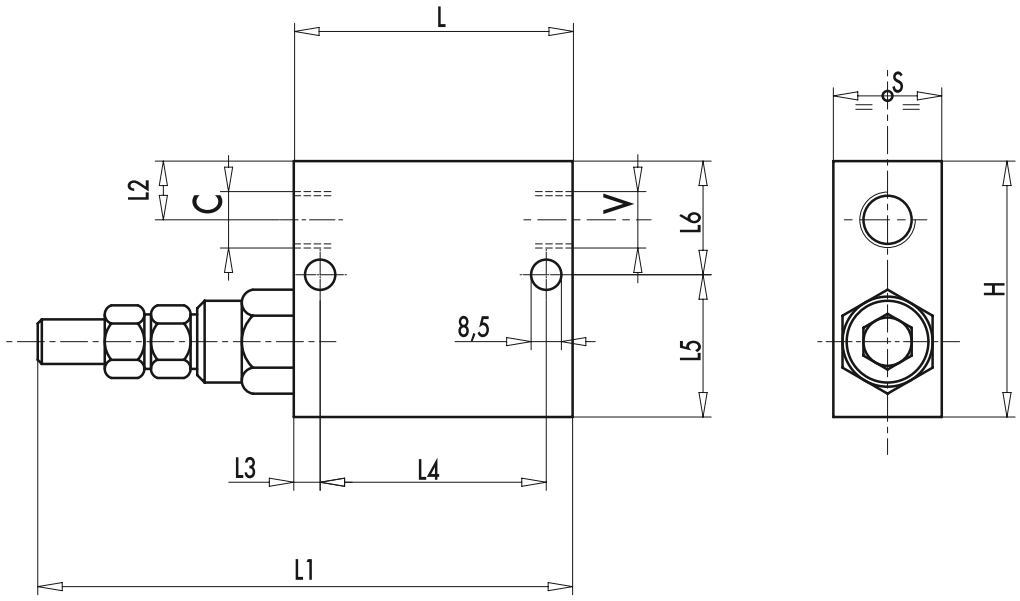






ABITEK
Hydraulik • Antriebstechnik

CODE	TYPE	MAX FLOW Lt. / min	PRESSURE RANGE Bar
V0640	VS2C 3/8"	35	350
V0660	VS2C 1/2"	70	350
V0665	VS2C 3/4"	110	400



6

ADJUSTEMENT

CODE/V	• Handknob
CODE/PP	• Arranged for sealing cap
CODE/PP	• Sealing cap

CODE	TYPE	C - V GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	S mm	WEIGHT Kg
V0640	VS2C 3/8"	G 3/8"	74	146	14	7	55	39	31	70	30	1,172
V0660	VS2C 1/2"	G 1/2"	80	152	15	7	55	37	33	70	30	1,130
V0665	VS2C 3/4"	G 3/4"	100	164	20	10	80	50	50	100	40	2,900

SPRINGS (VS2C 3/8" - 1/2")

Setting range (bar)	Pressure increase (bar/turn) Q= 4l/min	Standard setting (bar)
10 - 50*	7	30
20 - 100	12	75
10 - 180 standard	30	90
50 - 250	45	130
80 - 300	50	150

*For setting less than 70 Bar: Q = 12 l/min

SPRINGS (VS2C 3/4")

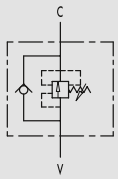
Setting range (bar)	Pressure increase (bar/turn) Q= 4l/min	Standard setting (bar)
20 - 200	40	160
50 - 400 standard	80	180

Druckfolgeventil

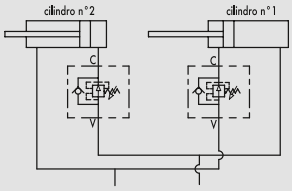
TYPE

VSQAPP

HYDRAULIC DIAGRAM



APPLICATION SCHEME



SEQUENCE VALVES

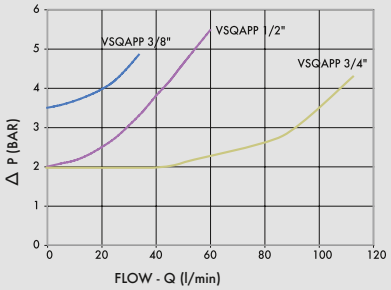
USE AND OPERATION:
Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has been completed reaching the pressure setting. Return flow is free. Being insensitive to back pressures, it allows to use the circuit pressure to control both the actuators.

MATERIALS AND FEATURES:
Body: zinc-plated steel
Internal parts: hardened and ground steel
Seals: BUNA N standard
Poppet type: minor leakage

APPLICATIONS:
For use with 2 actuators, follow the mounting instructions indicated in the scheme. For different uses, mount the valve keeping into consideration that, when the valve reaches the setting pressure, the flow goes from V towards C, whilst flow is free from C to V.

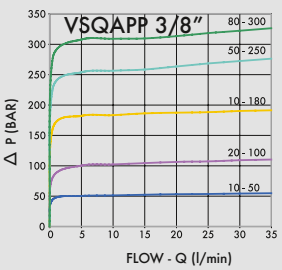
ON REQUEST
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

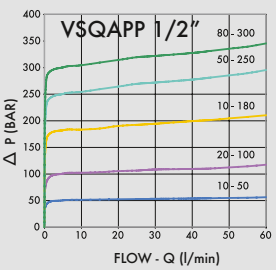
PRESSURE DROPS CURVE

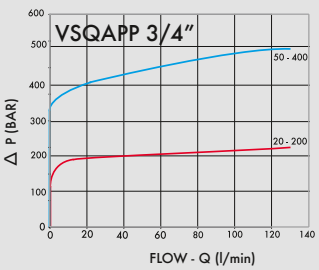


PRESSURE/FLOW

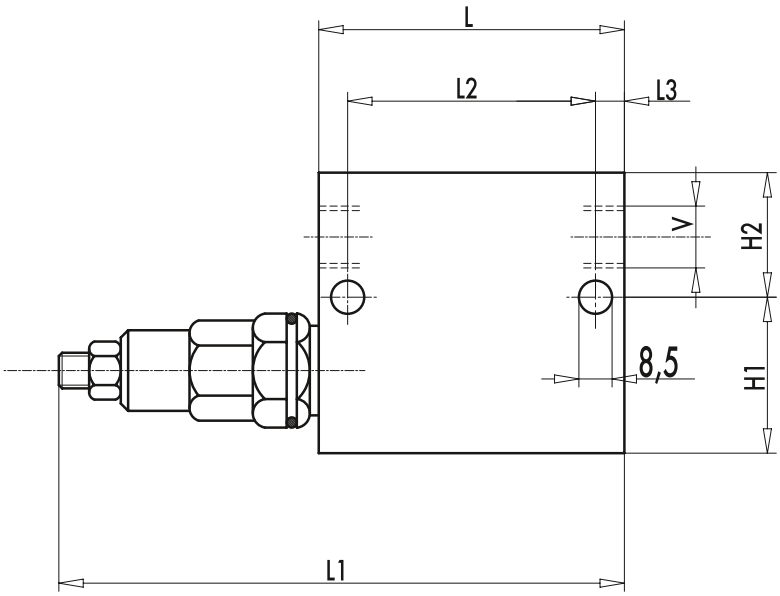
Oil temperature: 50° C - Oil viscosity: 30 cSt

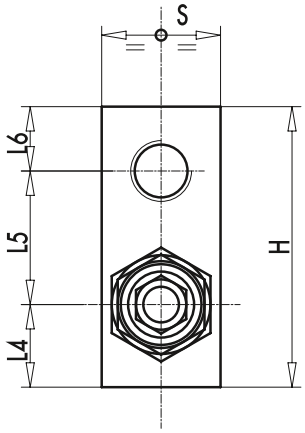






CODE	TYPE	MAX FLOW Lt. / min	PRESSURE RANGE Bar
V0642	VSQAPP 3/8"	35	350
V0662	VSQAPP 1/2"	70	350
V0667	VSQAPP 3/4"	110	400





6

ADJUSTEMENT

CODE/V	• Handknob
CODE/PP	• Arranged for sealing cap
CODE/PP	• Sealing cap

CODE	TYPE	C - V GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	H1 mm	H2 mm	S mm	WEIGHT Kg
V0642	VSQAPP 3/8"	G 3/8"	74	149	55	12	20	36	14	39	31	70	30	1,250
V0662	VSQAPP 1/2"	G 1/2"	80	155	55	18	19	36	15	37	33	70	30	1,280
V0667	VSQAPP 3/4"	G 3/4"	100	190	80	10	25	55	20	50	50	100	40	2,844

SPRINGS (3/8" - 1/2")

Setting range (bar)	Pressure increase (bar/turn) Q= 4l/min	Standard setting (bar)
10 - 50*	7	30
20 - 100	12	75
10 - 180 standard	30	90
50 - 250	45	130
80 - 300	50	150

*For setting less than 70 Bar: Q = 12 l/min

SPRINGS (3/4")

Setting range (bar)	Pressure increase (bar/turn) Q= 4l/min	Standard setting (bar)
20 - 200	40	160
50 - 400 standard	80	180