

# SEQUENCE VALVES WITH PRIMARY PRESSURE COMPENSATION



## VSQAPP

**Flow Upto 110 LPM**  
**Pressure 400 Bar**

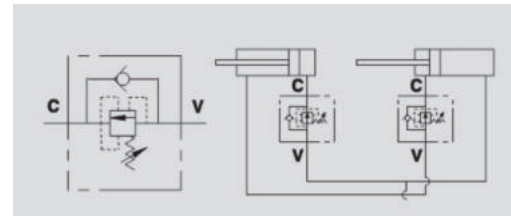


### Description & Operation

Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has reached the pressure setting. Reverse flow is free. The valve is not affected by the back pressures therefore it allows the circuit pressure be used by both circuits.

Connect C to the cylinder and V to the Pressure flow.

For the installation on two cylinders follow the mounting instruction shown in the application circuit.



Hydraulic symbol



### Technical Data

Maximum Flow	110 LPM
Maximum Pressure	400 Bar
Body Material	Steel
Internal parts	Hardened and Ground steel
External Component treatment	Zn/Fe - standard (96h) / Zn/Ni (720h)
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

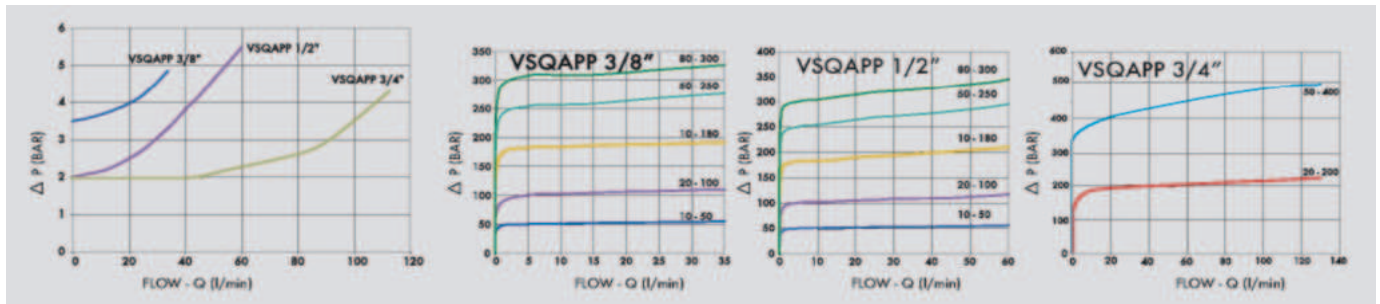
Type	Max.Flow	Max. Pressure
	LPM	Bar
VSQAPP 3/8"	35	350
VSQAPP 1/2"	70	350
VSQAPP 3/4"	110	400



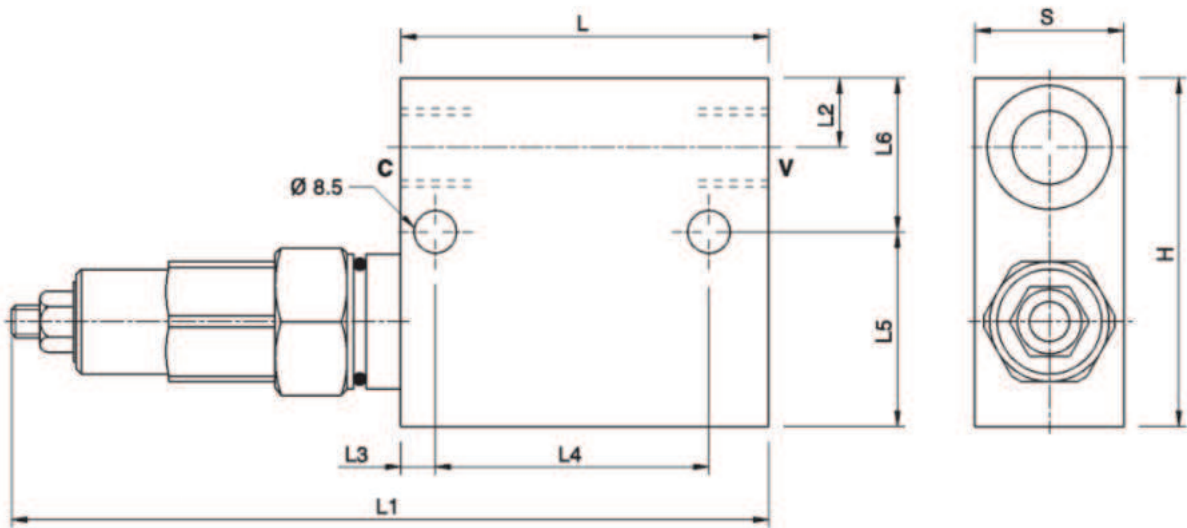
### On Request

- Different setting range (see the table)
- Other setting available (CODE/T000 please specify the desired setting)

**Performance Curve**



**Dimensional Drawing**



**Ordering Details**

Code	Type	C-V	L	L1	L2	L3	L4	L5	L6	H	S	Weight
		GAS	MM	mm	mm	mm	mm	mm	mm	mm	mm	Kg
R-V0642	VSQAPP 3/8"	G 3/8"	74	156	14	7	55	39	31	70	30	1.250
R-V0662	VSQAPP 1/2"	G 1/2"	80	162	15	7	55	37	33	70	30	1.280
R-V0667	VSQAPP 3/4"	G 3/4"	100	198	20	7	80	50	50	100	40	2.844

**Springs Table**

Setting Range	Pressure Increase	Standard Setting
Bar	Bar/Turn	Bar
(VS2C 3/8" - 1/2")		
10 - 50*	7	30
20 - 100	12	75
30 - 180 standard	30	90
50 - 250	45	130
80 - 300	50	150
(VS2C 3/4")		
20 - 200	40	160
50 - 400 standard	80	180

**Adjustment**

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

\*For Setting less than 70 Bars Q=12 LPM

**SEQUENCE VALVES**