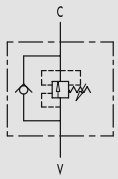
Druckfolgeventil

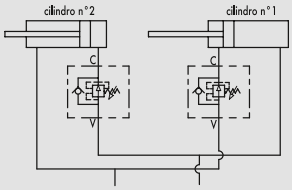
TYPE

VSQAPP

HYDRAULIC DIAGRAM



APPLICATION SCHEME



SEQUENCE VALVES

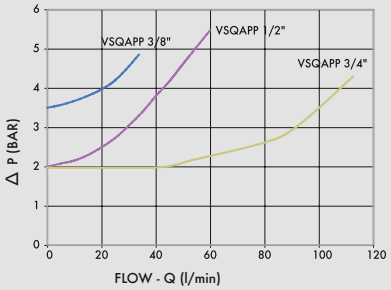
USE AND OPERATION:
Sequence valve is used to feed 2 cylinders in sequence: it provides flow to the secondary circuit when a primary circuit function has been completed reaching the pressure setting. Return flow is free. Being insensitive to back pressures, it allows to use the circuit pressure to control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

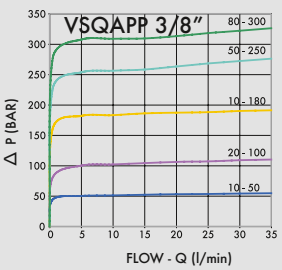
ON REQUEST
- different setting range (see the table)
- other setting available (CODE/T000 please specify the desired setting)

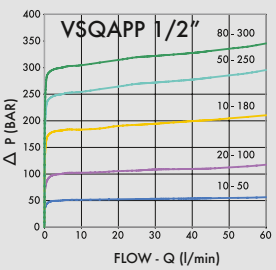
PRESSURE DROPS CURVE

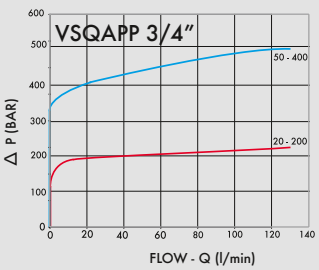


PRESSURE/FLOW

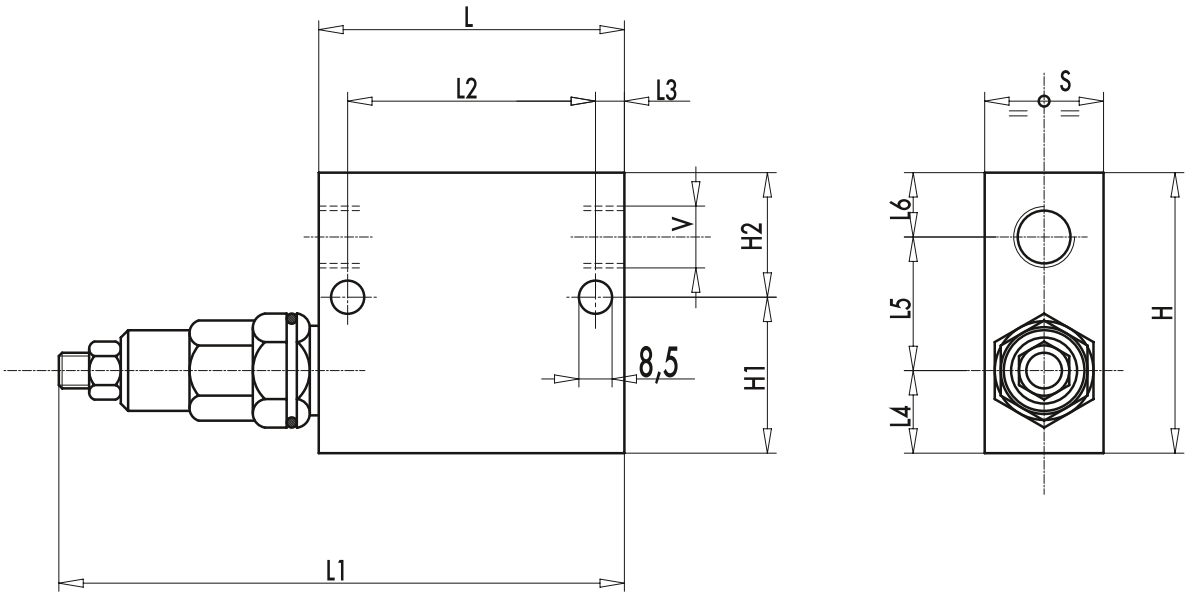
Oil temperature: 50° C - Oil viscosity: 30 cSt







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



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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