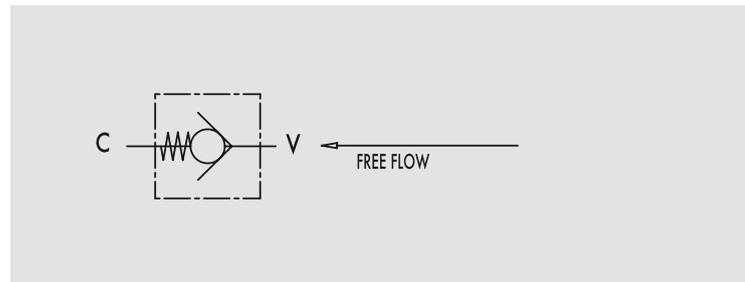


## Rückschlagventil - Innengewinde

TYPE  
**VU**



HYDRAULIC DIAGRAM



## CHECK VALVES

### USE AND OPERATION:

In the check valves flow is free in one direction and blocked in the reverse one.

### MATERIALS AND FEATURES:

Body: zinc-plated steel  
Internal parts: hardened and ground steel  
Poppet type: any leakage.

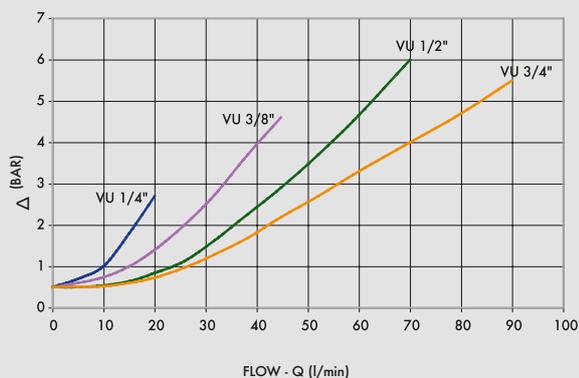
### APPLICATIONS:

Connect V to the pressure flow and C to the actuator. Flow is free from V to C and blocked in the reverse direction.

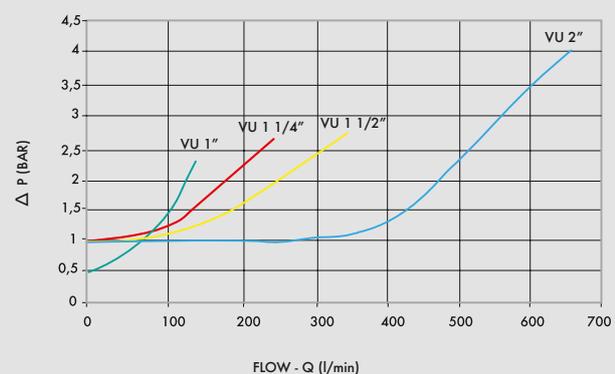
### ON REQUEST

- Different cracking pressures: 1-3-5-8 bar (please specify the desired cracking pressure in the product description). Set valve is used to keep a hydraulic system under pressure.
- NPT thread (code VN... instead of V0... example: VU 1/4" NPT code = VN590)
- **Body in stainless steel (VX instead of V0 example: VU 1/4" INOX code = VX590)**

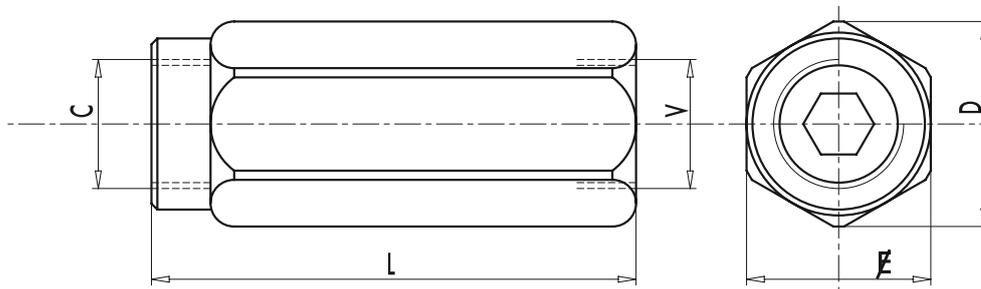
PRESSURE DROPS CURVE



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



CODE	TYPE	MAX FLOW L. / min	MAX PRESSURE Bar	CRACKING PRESSURE Bar
<b>V0592</b>	VU 1/8"	3	350	±0,4/0,7
<b>V0590</b>	VU 1/4"	20	350	±0,4/0,7
<b>V0600</b>	VU 3/8"	45	350	±0,4/0,7
<b>V0610</b>	VU 1/2"	70	350	±0,4/0,7
<b>V0620</b>	VU 3/4"	110	350	±0,4/0,7
<b>V0630</b>	VU 1"	160	350	±0,4/0,7
<b>V0631</b>	VU 1 1/4"	250	300	±0,7/1
<b>V0632</b>	VU 1 1/2"	350	300	±0,7/1
<b>V0633</b>	VU 2"	650	300	±1



**SPRINGS**

code	0,4/0,7 Bar	1 Bar	3 Bar	5 Bar	8 Bar
VU 1/4"	V0590	V0590/1	V0590/3	V0590/5	V0590/8
VU 3/8"	V0600	V0600/1	V0600/3	V0590/5	V0600/8
VU 1/2"	V0610	V0610/1	V0610/3	V0610/5	V0610/8
VU 3/4"	V0620	V0620/1	V0620/3	V0620/5	V0620/8
VU 1"	V0630	V0630/1	V0630/3	V0630/5	V0630/8
VU 1" 1/4"		V0631	V0631/3	V0631/5	V0631/8
VU 1" 1/2"		V0632	V0632/3	V0632/5	V0632/8
VU 2"		V0633			

CODE	TYPE	V - C GAS - MET	L mm	F mm	D mm	WEIGHT kg
<b>V0592</b>	VU 1/8"	G 1/8"	44	14	16	0,038
<b>V0590</b>	VU 1/4"	G 1/4"	62	19	21	0,104
<b>V0600</b>	VU 3/8"	G 3/8"	68	24	26,5	0,184
<b>V0610</b>	VU 1/2"	G 1/2"	77	30	34	0,322
<b>V0620</b>	VU 3/4"	G 3/4"	88	36	40	0,492
<b>V0630</b>	VU 1"	G 1"	105	41	46	0,676
<b>V0631</b>	VU 1" 1/4	G 1" 1/4	135	55	63	1,646
<b>V0632</b>	VU 1" 1/2	G 1" 1/2	145	60	69	1,950
<b>V0633</b>	VU 2"	G 2"	150	70	80	2,726