



# Male/Male 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.

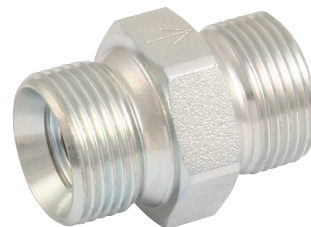
Oil temperature: 50° C - Oil viscosity: 30 cSt

## APPLICATIONS:

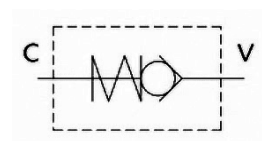
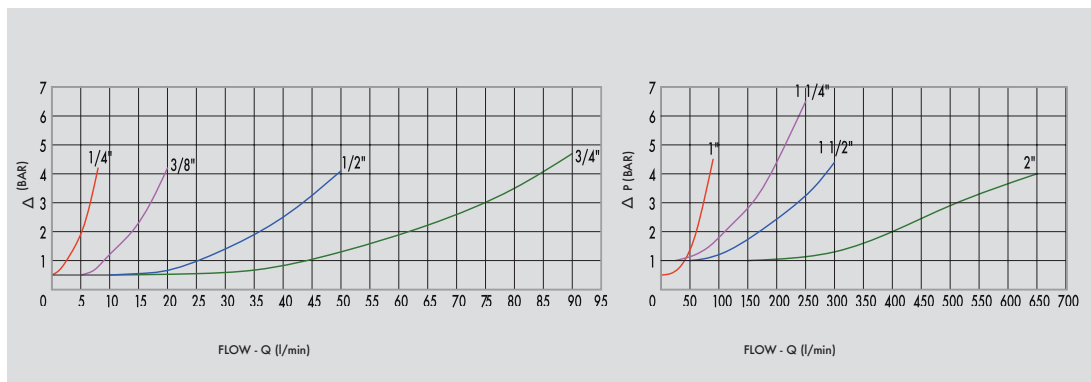
Connect V to the pressure flow and C to the actuator.  
Flow is free from V to C and blocked in the reverse direction.

## ON REQUEST

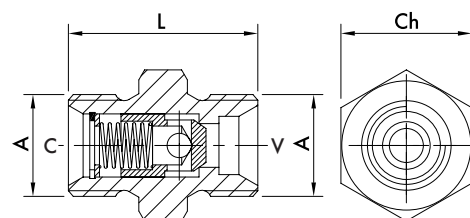
• Different cracking pressures: 1-3-6-9 bar (please specify the desired cracking pressure in the product description). Set valve is used to keep a hydraulic system under pressure.



## PRESSURE DROPS CURVE



| CODE  | TYPE         | MAX FLOW<br>lt. / min | MAX PRESSURE<br>Bar |
|-------|--------------|-----------------------|---------------------|
| MVC04 | VU MM 1/4"   | 8                     | 350                 |
| MVC06 | VU MM 3/8"   | 20                    | 350                 |
| MVC08 | VU MM 1/2"   | 50                    | 350                 |
| MVC12 | VU MM 3/4"   | 90                    | 350                 |
| MVC16 | VU MM 1"     | 90                    | 320                 |
| MVC20 | VU MM 1" 1/4 | 250                   | 320                 |
| MVC24 | VU MM 1" 1/2 | 300                   | 320                 |
| MVC32 | VU MM 2      | 650                   | 320                 |



## MOLLE - SPRINGS

| codice<br>code | 1 Bar   | 3 Bar   | 6 Bar   | 9 Bar   |
|----------------|---------|---------|---------|---------|
| VU MM 1/4"     | V0594/1 | V0594/3 | V0594/6 | /       |
| VU MM 3/8"     | V0604/1 | V0604/3 | V0594/6 | /       |
| VU MM 1/2"     | V0614/1 | V0614/3 | V0614/6 | /       |
| VU MM 3/4"     | V0624/1 | V0624/3 | V0624/6 | /       |
| VU MM 1"       | V0634/1 | /       | V0634/6 | V0634/9 |
| VU MM 1" 1/4   | V0637/1 | /       | V0637/6 | V0637/9 |
| VU MM 1" 1/2   | V0638/1 | /       | V0638/6 | V0638/9 |
| VU MM 2"       | V0639/1 | /       | V0639/6 | V0639/9 |

| CODE  | TYPE         | A<br>mm | L<br>mm | Ch<br>mm | WEIGHT<br>kg |
|-------|--------------|---------|---------|----------|--------------|
| MVC04 | VU MM 1/4"   | 1/4"    | 32      | 19       | 0,033        |
| MVC06 | VU MM 3/8"   | 3/8"    | 34      | 22       | 0,053        |
| MVC08 | VU MM 1/2"   | 1/2"    | 39      | 27       | 0,092        |
| MVC12 | VU MM 3/4"   | 3/4"    | 45      | 32       | 0,142        |
| MVC16 | VU MM 1"     | 1"      | 55      | 40       | 0,288        |
| MVC20 | VU MM 1" 1/4 | 1" 1/4  | 70      | 50       | 0,594        |
| MVC24 | VU MM 1" 1/2 | 1" 1/2  | 86      | 55       | 0,910        |
| MVC32 | VU MM 2      | 2"      | 102     | 70       | 1,800        |