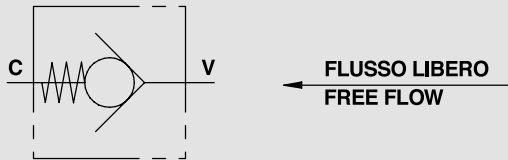


VALVOLE UNIDIREZIONALI INTEGRATE  
INTEGRATED CHECK VALVES



SCHEMA IDRAULICO  
HYDRAULIC DIAGRAM



**IMPEGNO:**  
Valvole che consentono il flusso libero in un senso e lo bloccano nel senso opposto. Il limitato ingombro e la configurazione a inserto le rendono particolarmente adatte per l’installazione in circuiti integrati.

**MATERIALI E CARATTERISTICHE:**  
Corpo: acciaio zincato.  
Tenuta: esterna, tramite OR.

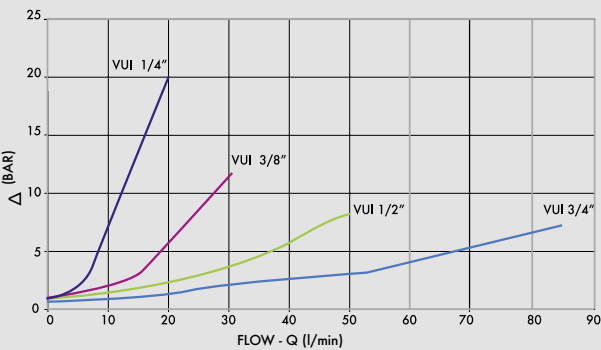
**MONTAGGIO:**  
Avvitare la valvola nell’apposita cavità tenendo in considerazione che il fluido è libero da V a C.

**USE AND OPERATION:**  
Check valves allow free flow in one direction and blocks the flow in the reverse direction. The small dimensions and insert configuration make these valves ideal for installation into custom designed hydraulic integrated circuits.

**MATERIALS AND FEATURES:**  
Body: zinc-plated steel.  
Exterior tightness: through O-Ring seal.

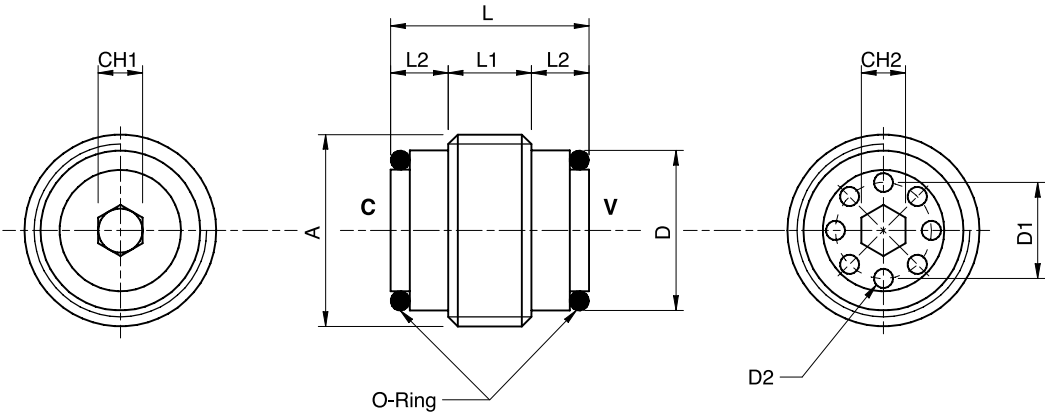
**CONNECTIONS:**  
Screw the valve into the right cavity keeping into consideration that the free flow direction is from V to C.

PERDITE DI CARICO  
PRESSURE DROP CURVE



Temperatura olio: 50 °C - Viscosità olio: 30 cSt  
Oil temperature: 50 ° C - Oil viscosity: 30 cSt

| CODICE<br>CODE | SIGLA<br>TYPE | PORTATA MAX<br>MAX FLOW<br>Lt. / min | PRESSIONE MAX<br>MAX PRESSURE<br>Bar | PRESSIONE APERTURA<br>CRACKING PRESSURE<br>Bar |
|----------------|---------------|--------------------------------------|--------------------------------------|------------------------------------------------|
| V0591          | VUI 1/4"      | 20                                   | 350                                  | 2,2                                            |
| V0601          | VUI 3/8"      | 30                                   | 350                                  | 1,8                                            |
| V0611          | VUI 1/2"      | 50                                   | 350                                  | 0,7                                            |
| V0621          | VUI 3/4"      | 80                                   | 350                                  | 0,9                                            |



| CODICE<br>CODE | SIGLA<br>TYPE | A<br>GAS | ØD<br>mm | ØD1<br>mm | ØD2<br>mm | CH1<br>mm | CH2<br>mm | L<br>mm | L1<br>mm | L2<br>mm | O-ring<br>mm | PESO<br>WEIGHT<br>kg |
|----------------|---------------|----------|----------|-----------|-----------|-----------|-----------|---------|----------|----------|--------------|----------------------|
| V0591          | VUI 1/4"      | G1/4"    | 11,3     | 6,5       | 1,25      | 3         | 3         | 17      | 6        | 5,5      | 9X1          | 0,011                |
| V0601          | VUI 3/8"      | G3/8     | 14,8     | 8         | 2         | 4         | 3         | 18,5    | 7,5      | 5,5      | 10,8X1,78    | 0,018                |
| V0611          | VUI 1/2"      | G1/2"    | 18,5     | 10,5      | 2,25      | 6         | 5         | 22,5    | 8,5      | 7        | 14X1,78      | 0,037                |
| V0621          | VUI 3/4"      | G3/4"    | 24       | 14        | 3         | 8         | 8         | 28,5    | 13,5     | 7,5      | 18,72X2,62   | 0,074                |