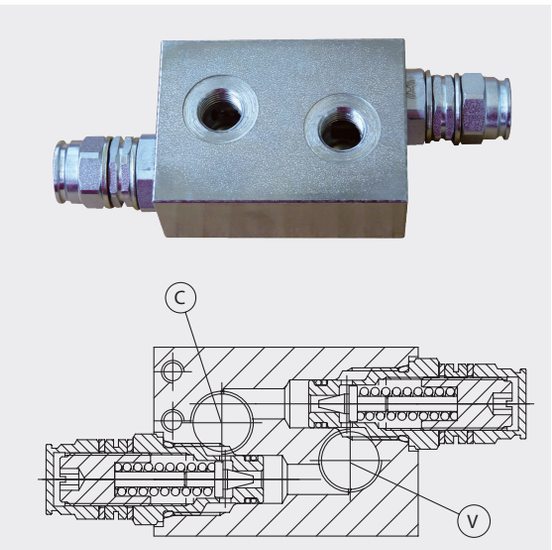
# DCA

## Valvole antiurto doppie incrociate
## *Double cross line direct acting relief valves*

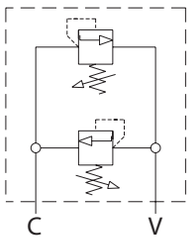


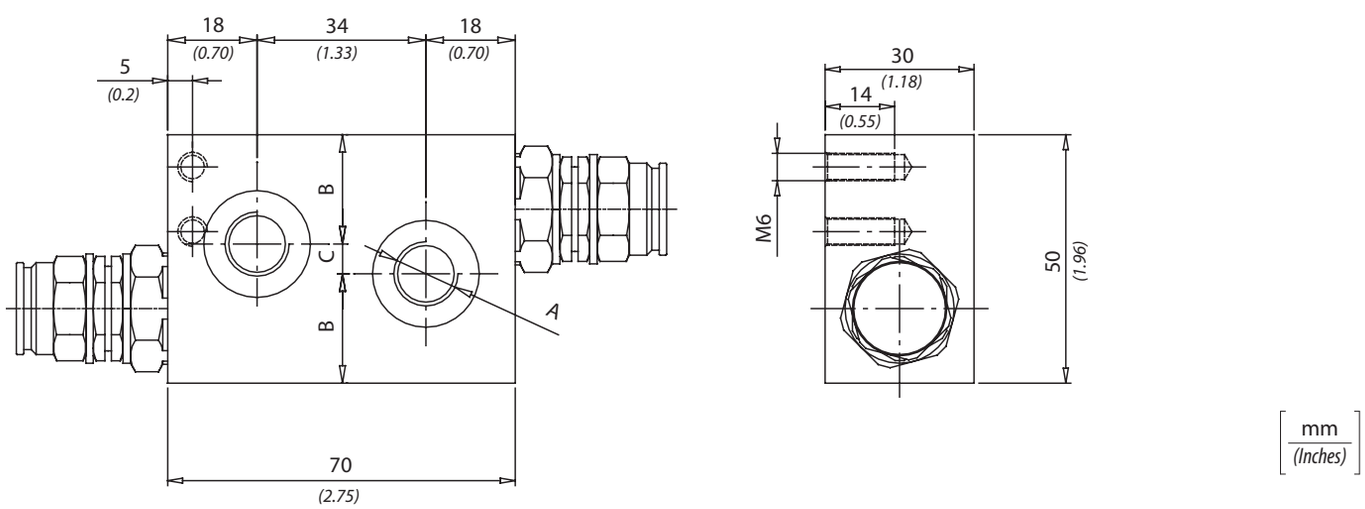

### Dati tecnici
### *Technical data*

| | | |
|---|---|---|
| Olio idraulico<br>*Mineral oil* | ISO 6743/4<br>*DIN 51524* | |
| Viscosità fluido<br>*Fluid viscosity* | 10-500 $mm^2/s$<br>*45 to 2000 ssu (6 to 420 cSt)* | |
| Classe di contaminazione max con filtro<br>*Max contamination index with filter* | ISO 4406:1999<br>Classe 19/17/14 | |
| Temperatura del fluido<br>*Fluid temperature* | -20°C<br>*-4°F* | +80°C<br>*+ 176°F* |
| Temperatura ambiente<br>*Ambient temperature* | -20°C<br>*-4°F* | +50°C<br>*+ 122°F* |

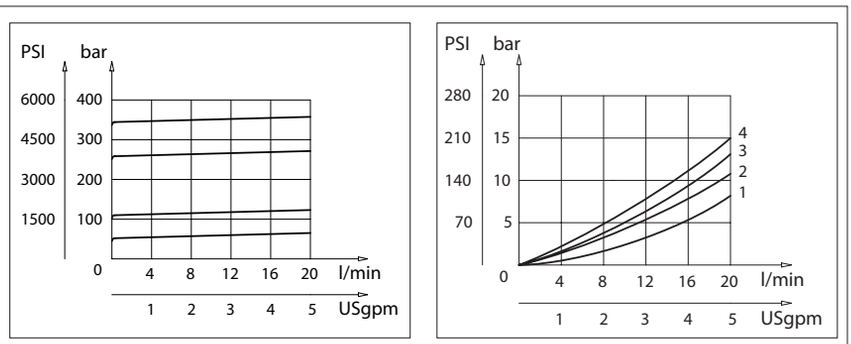
È indispensabile l'utilizzo di un filtro (filtrazione consigliata 15 micron) per proteggere la valvola

*It is necessary a filter use to protect the valve (advised filtration 15 micron)*




### Perdite di carico
### *Pressure drops*




### Caratteristiche tecniche
### *Technical performances*

| Codice *Code* | A | Portata max *Max Flow* l/min - USgpm | Pressione Max *Max pressure* bar / *PSI* | B | C | Peso approssimativo / Kg *Approx weight / lb* | Valvola tipo *Type of valve* |
|---|---|---|---|---|---|---|---|
| **DCA140** | **BSPP1/4** | **20** *(5.3)* | **350** *(5000)* | **22** *(0.87)* | **6** *(0.24)* | **0,8** *(1.8)* | **VMD1** |
| **DCA380** | **BSPP 3/8** | | | **20** *(0.79)* | **10** *(0.39)* | | |

### Codice ordinazione / *Ordering code*

**DCA - X - Y**

| X | Dimensione / *Size* |
|---|---|
| 140 | **BSPP 1/4** |
| 380 | **BSPP 3/8** |

| Y | Molla *Spring* | Incremento pressione al giro *Press. increase* |
|---|---|---|
| 1 | **10/40 bar** *(145/600 PSI)* max | **12 bar/al giro** *(175 PSI/turn)* |
| 2 | **20/110 bar** *(290/3000 PSI)* max | **35 bar/al giro** *(500 PSI/turn)* |
| 3 | **30/210 bar** *(435/3000 PSI)* max | **65 bar/al giro** *(940 PSI/turn)* |
| 4 | **40/350 bar** *(580/5000 PSI)* max | **120 bar/al giro** *(1740 PSI/turn)* |