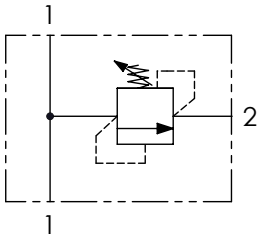
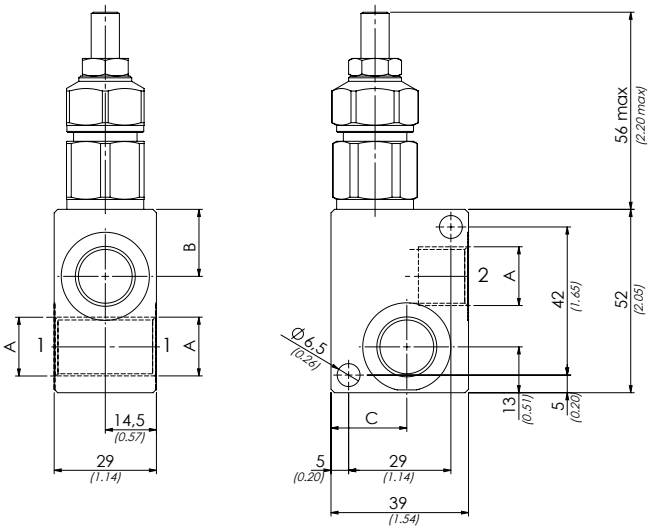
VMDR10 Valvole di massima in linea
Direct acting relief valves



Schema idraulico - *Hydraulic circuit*





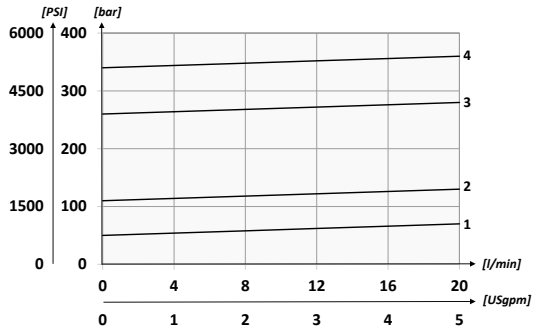
mm
(Inches)

Codice ordinazione *Ordering code*

01	02	03	04
VMDR10			

01	Valvole di massima in linea *(Direct acting relief valves)*		**VMDR10**
02	Dimensione *(Size)*	BSPP 1/4	**140**
		BSPP 3/8	**380**
03	Regolazione *(Setting)*	Chiave *(Screw)*	**C**
		Volantino *(Handknob)* Tipo *(Type)* **81300109**	**V**
04	Molla *(Spring)* **10/40 bar** *(145/580 PSI)* max	Incremento pressione al giro *(Press. increase)* **12 bar/al giro** *(174 PSI/turn)*	**1**
	Molla *(Spring)* **20/110 bar** *(290/1595 PSI)* max	Incremento pressione al giro *(Press. increase)* **37 bar/al giro** *(537 PSI/turn)*	**2**
	Molla *(Spring)* **30/210 bar** *(435/3045 PSI)* max	Incremento pressione al giro *(Press. increase)* **67 bar/al giro** *(972 PSI/turn)*	**3**
	Molla *(Spring)* **40/350 bar** *(580/5075 PSI) max*	Incremento pressione al giro *(Press. increase)* **131 bar/al giro** *(1900 PSI/turn)*	**4**

Performances



Dati tecnici - *Technical data*

Olio idraulico/*Mineral oil*	**ISO 6743/4** *(DIN 51524)*	
Viscosità olio/*Oil viscosity*	**15-250 mm²/s** *(15 to 250 cSt)*	
Classe di contaminazione max con filtro *Max contamination index with filter*	**ISO 4406:1999 Classe 19/17/14**	
Temperatura dell'olio/*Oil temperature*	**-20°C +80°C**	*-4°F + 176°F*
Temperatura ambiente/*Ambient temperature*	**-20°C +50°C**	*-4°F + 122°F*

È indispensabile l'utilizzo di un filtro per proteggere la valvola (filtrazione consigliata 15 µm)
It is necessary a filter use to protect the valve (advised filtration 15 µm)

Caratteristiche tecniche - *Technical characteristics*

Tipo *Type*	A	Portata max *Max flow* l/min-*USgpm*	Pressione max *Max pressure* bar/*PSI*	B	C	Peso approssimativo *Approx weight* kg/*lb*
VMDR10140	**BSPP 1/4**	**20** *(5.3)*	**350** *(5075)*	**17** *(0.67*	**20** *(0.79)*	**0,51** *(1.12)*
VMDR10380	**BSPP 3/8**			**19** *(0.75)*	**18** *(0.71)*	**0,47** *(1.03)*

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