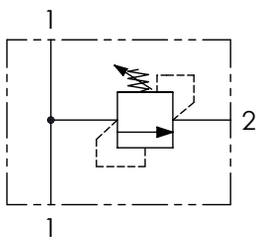
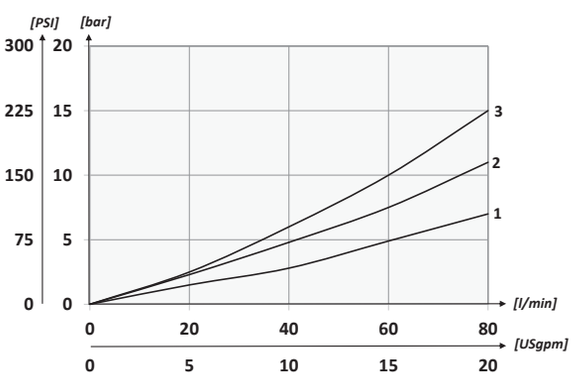


## SCHEMA IDRAULICO / HYDRAULIC CIRCUIT




## PERFORMANCES




## DATI TECNICI / TECHNICAL DATA

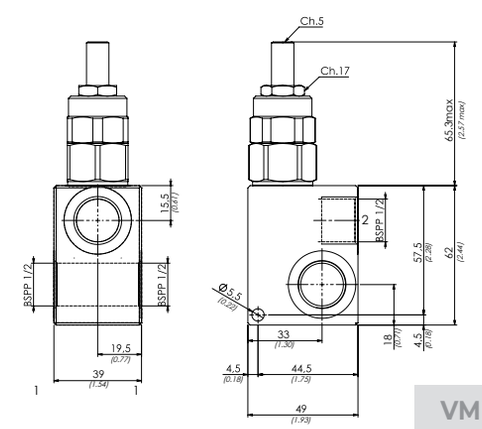
| | | |
|---|---|---|
| **Olio idraulico** - Mineral oil | **ISO 6743/4** (DIN 51524) | |
| **Viscosità olio** - Oil viscosity | **15-250 mm²/s** (15 to 250 cSt) | |
| **Classe di contaminazione max** Max contamination index | **ISO 4406:1999 Classe 19/17/14** | |
| **Temperatura dell'olio** - Oil temperature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

## CODICE ORDINAZIONE / ORDERING CODE

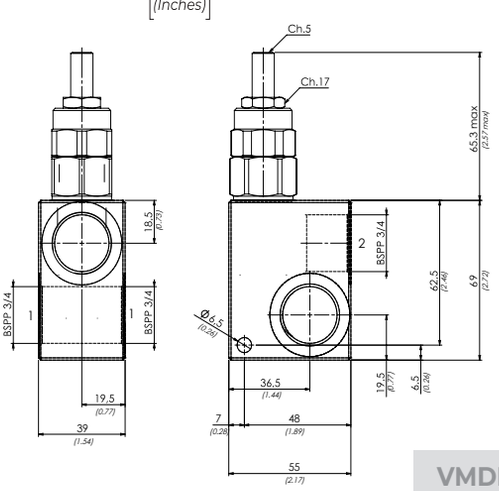
| 01 | 02 | 03 | 04 |
|---|---|---|---|
| **VMDR90** | | | |

| | | | |
|---|---|---|---|
| **01** | VALVOLE DI MASSIMA PRESSIONE DIRETTA IN LINEA (DIRECT ACTING PRESSURE RELIEF VALVES) | | **VMDR90** |
| **02** | DIMENSIONE (SIZE) | BSPP 1/2 | **120** |
| | | BSPP 3/4 | **340** |
| **03** | REGOLAZIONE (SETTING) | Chiave (Screw) | **C** |
| | | Volantino (Handknob) Tipo (Type) **81300023** | **V** |
| **04** | MOLLA (SPRING) **10/100 bar** (145/1450 PSI) | **26 bar/al giro** (377 PSI/turn) | **1** |
| | MOLLA (SPRING) **20/250 bar** (290/3625 PSI) | **41 bar/al giro** (595 PSI/turn) | **2** |
| | MOLLA (SPRING) **50/350 bar** (725/5075 PSI) | **91 bar/al giro** (1320 PSI/turn) | **3** |




VMDR90120

[mm / (Inches)]




VMDR90340

## CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

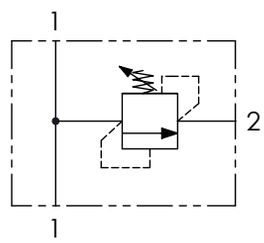
| **TIPO** TYPE | **PORTATA MAX** (l/min) MAX FLOW (USgpm) | **PRESSIONE MAX** (bar) MAX PRESSURE (PSI) | **PESO APPROX** (kg) APPROX WEIGHT (lbt) |
|---|---|---|---|
| **VMDR90120** | **80** (21.1) | **350** (5075) | **0,65** (1.43) |
| **VMDR90340** | | | **1** (2.2) |



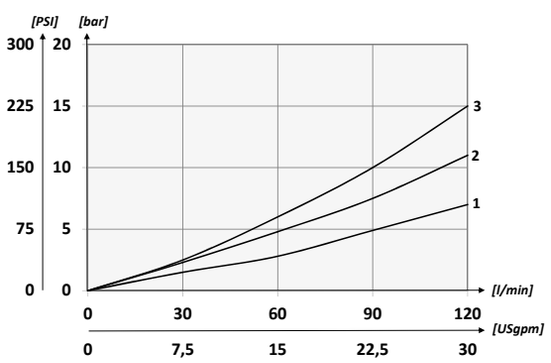

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## SCHEMA IDRAULICO / HYDRAULIC CIRCUIT




## PERFORMANCES




## DATI TECNICI / TECHNICAL DATA

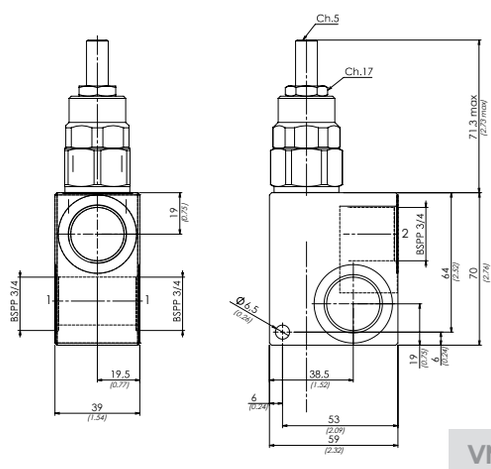
| | | |
|---|---|---|
| **Olio idraulico** - Mineral oil | **ISO 6743/4** (DIN 51524) | |
| **Viscosità olio** - Oil viscosity | **15-250 mm²/s** (15 to 250 cSt) | |
| **Classe di contaminazione max** Max contamination index | **ISO 4406:1999 Classe 19/17/14** | |
| **Temperatura dell'olio** - Oil temperature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

## CODICE ORDINAZIONE / ORDERING CODE

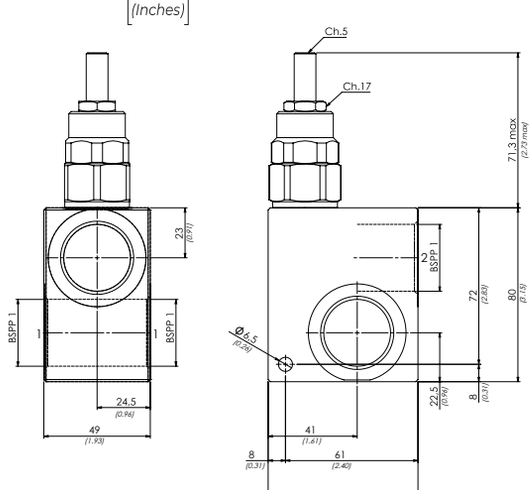
| 01 | 02 | 03 | 04 |
|---|---|---|---|
| **VMDR120** | | | |

| | | | |
|---|---|---|---|
| **01** | VALVOLE DI MASSIMA PRESSIONE DIRETTA IN LINEA (DIRECT ACTING PRESSURE RELIEF VALVES) | | **VMDR120** |
| **02** | DIMENSIONE (SIZE) | BSPP 3/4 | **340** |
| | | BSPP 1 | **100** |
| **03** | REGOLAZIONE (SETTING) | Chiave (Screw) | **C** |
| | | Volantino (Handknob) Tipo (Type) **81300023** | **V** |
| **04** | MOLLA (SPRING) **10/100 bar** (145/1450 PSI) | **21 bar/al giro** (305 PSI/turn) | **1** |
| | MOLLA (SPRING) **20/250 bar** (290/3625 PSI) | **48 bar/al giro** (696 PSI/turn) | **2** |
| | MOLLA (SPRING) **40/350 bar** (580/5075 PSI) | **55 bar/al giro** (798 PSI/turn) | **3** |




VMDR120340

mm
(Inches)




VMDR120100

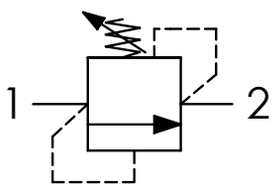
## CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

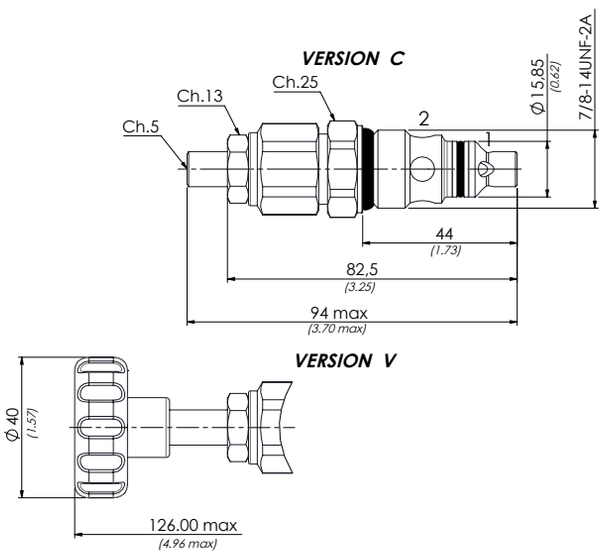
| **TIPO** TYPE | **PORTATA MAX** (l/min) **MAX FLOW** (USgpm) | **PRESSIONE MAX** (bar) **MAX PRESSURE** (PSI) | **PESO APPROX** (kg) **APPROX WEIGHT** (lbt) |
|---|---|---|---|
| **VMDR120340** | **120** (31.7) | **350** (5075) | **1,1** (2.42) |
| **VMDR120100** | | | **1,7** (3.74) |


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## SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



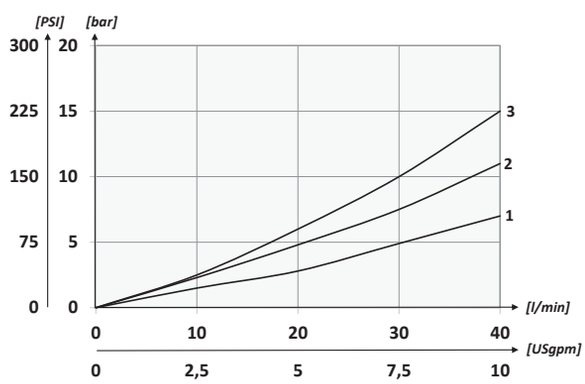




## CODICE ORDINAZIONE / ORDERING CODE

| 01 | 02 | 03 |
|---|---|---|
| **VMD8** | | |

| | | | |
|---|---|---|---|
| **01** | VALVOLE LIMITATRICI DI PRESSIONE DIRETTE SAE 10 (SAE10 DIRECT ACTING PRESSURE RELIEF VALVES) | | **VMD8** |
| **02** | REGOLAZIONE (SETTING) | Chiave (Hex socket screw) | Opzione: Tappo piombatura (Optional: Tamper proof cap) **81300095** — **C** |
| | | Volantino (Handknob) Tipo (Type) **81300023** | **V** |
| **03** | MOLLA (SPRING) **10/90 bar** (145/1305 PSI) | **20 bar/al giro** (290 PSI/turn) | **1** |
| | MOLLA (SPRING) **20/210 bar** (290/3045 PSI) | **48 bar/al giro** (696 PSI/turn) | **2** |
| | MOLLA (SPRING) **70/350 bar** (1015/5075 PSI) | **85 bar/al giro** (1233 PSI/turn) | **3** |

## 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** Max contamination index | **ISO 4406:1999 Classe 19/17/14** |
| **Temperatura dell'olio** - Oil temperature | **-20°C +80°C** -4°F + 176°F |
| **Temperatura ambiente** - Environment 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 | **PORTATA MAX** (l/min) MAX FLOW (USgpm) | **PRESSIONE MAX** (bar) MAX PRESSURE (PSI) | **PESO APPROX** (kg) APPROX WEIGHT (lbt) | **COPPIA DI SERRAGGIO** TIGHTENING TORQUE Nm-lbt ft | **CAVITÀ** CAVITY |
|---|---|---|---|---|---|
| **VMD8** | **40** (10.6) | **350** (5075) | **0,17** (0.37) | **41-47** (30-35) | **SAE10/2** |


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