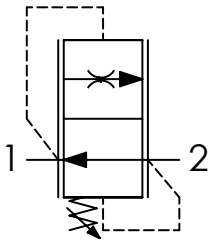


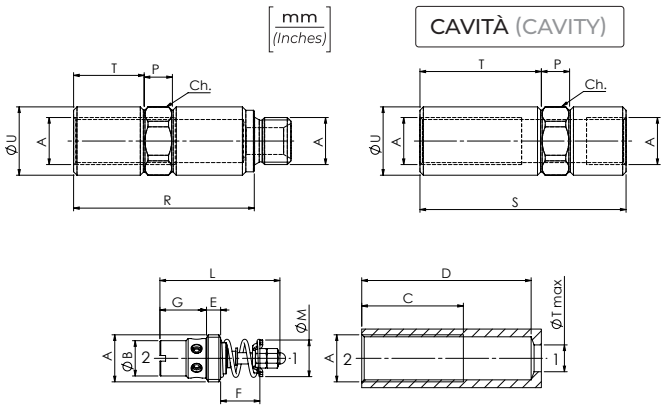
## SCHEMA IDRAULICO / HYDRAULIC CIRCUIT




## 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 18/16/13** | |
| **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)




## CODICE ORDINAZIONE / ORDERING CODE

| 01 | 02 | 03 | 04 |
|---|---|---|---|
| **VRD** | | | |

| | | | |
|---|---|---|---|
| **01** | VALVOLE CONTROLLO DISCESA REGOLABILI COMPENSATE (ADJUSTABLE FLOW CONTROL VALVES - PRESSURE COMPENSATED) | | **VRD** |
| **02** | DIMENSIONE (SIZE) | BSPP 1/4 | **140** |
| | | BSPP 3/8 | **380** |
| | | BSPP 1/2 | **120** |
| | | BSPP 3/4 | **340** |

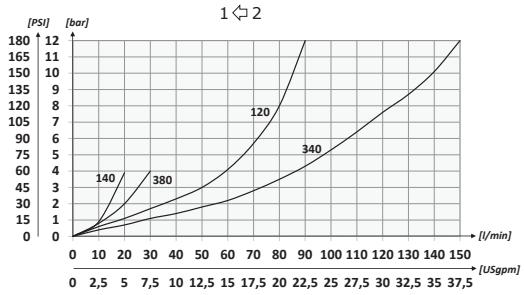
| **03** | FLUSSO CONTROLLATO A 50 BAR (CONTROLLED FLOW AT 50 BAR) | A | B | C | D | E | F | |
|---|---|---|---|---|---|---|---|---|
| | | l/min-USgpm | | | | | | |
| | | **1,4/4,2** (0,37/1,11) | **2,4/7,8** (0,63/2,06) | **3,8/9** (1/2,38) | **6/13,4** (1,58/3,54) | **8,6/17,5** (2,27/4,62) | **12,2/24** (3,22/6,34) | **VRD140** |
| | | **1,7/3,7** (0,45/0,98) | **3/5,5** (0,79/1,45) | **5/10,5** (1,32/2,77) | **10/18** (2,64/4,75) | **16,5/25,4** (4,36/6,71) | **19,5/33** (5,15/8,71) | **VRD380** |
| | | **15,5/23,8** (4,09/6,28) | **19,7/32,5** (5,20/8,58) | **22,8/38,4** (6,02/10,14) | **32/51,4** (8,45/13,57) | **40,5/71,6** (10,69/18,9) | - | **VRD120** |
| | | **39,8/57,1** (10,51/15,07) | **45,2/68,2** (11,93/18) | **63,2/83,3** (16,68/21,99) | **67/107** (17,69/28,25) | **105/151** (27,72/39,86) | - | **VRD340** |

| | | | |
|---|---|---|---|
| **04** | REGOLAZIONE (SETTING) | ESEMPIO: REGOLAZIONE 15 MM (EXAMPLE: SETTING 15 MM) **F 15** **(TOLLERANZA IN PORTATA ± 10%)** (TOLERANCE OF SETTING FLOW RATE ± 10%) | **F_** |
| | | *OMESSO SE NON RICHIESTO (OMITTED IF NOT REQUIRED) | |

***Se omesso questo valore, le valvole vengono fornite senza alcuna taratura di fabbrica e i dadi non sono serrati. Per garantire il loro corretto funzionamento è necessario che venga eseguito il settaggio da parte dell'installatore finale.**

If this value is omitted, the valves are supplied without factory setting and nuts are not thightered. For the correct operating it is needed a calibration of the valve made by final installer.

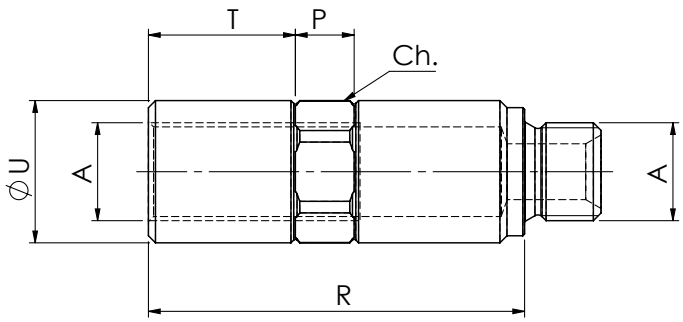
## PERFORMANCES

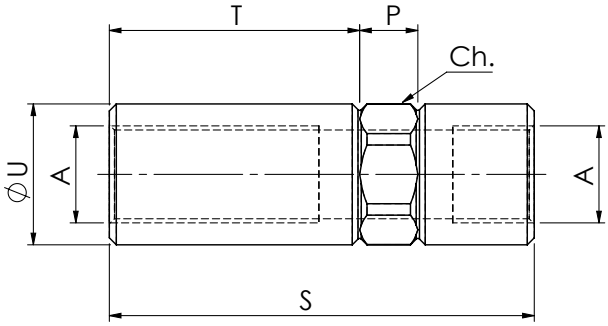



## CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

| TIPO TYPE | A | PORTATA MAX MAX FLOW l/min-USgpm | PRESSIONE MAX MAX PRESSURE bar-PSI | B | C | D | E | T | G | L | M | R | S | PESO APPROX APPROX WEIGHT kg-lbs | COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbs ft |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VRD140** | **BSPP 1/4** | **20** (5.3) | **300** (4350) | **10** (0.39) | **33** (1.30) | **53** (2.09) | **6** (0.24) | **7** (0.28) | **13,5** (0.53) | **39** (1.54) | **10** (0.39) | **57** (2.24) | **66** (2.60) | **0,013** (0.029) | **6** (4.5) |
| **VRD380** | **BSPP 3/8** | **35** (9.2) | | **12,5** (0.49) | **36** (1.42) | **60** (2.63) | **5** (0.20) | **9.5** (0.37) | **15,5** (0.61) | **45** (1.77) | **14** (0.55) | **64** (2.52) | **73** (2.87) | **0,024** (0.053) | **8** (6) |
| **VRD120** | **BSPP 1/2** | **65** (17.2) | | **16** (0.63) | **39** (1.54) | **63** (2.48) | **7** (0.28) | **12** (0.47) | **16** (0.63) | **51** (2.01) | **18** (0.71) | **69** (2.72) | **81** (3.19) | **0,037** (0.082) | **12** (9) |
| **VRD340** | **BSPP 3/4** | **150** (39.6) | | **20** (0.79) | **50** (1.97) | **81** (3.19) | **10** (0.39) | **16** (0.63) | **21** (0.83) | **62** (2.44) | **23** (0.91) | **87** (3.43) | **99** (3.90) | **0,079** (0.18) | **15** (11.25) |

I dati presenti nel catalogo possono essere soggetti a variazioni, pertanto **OLEOWEB** si riserva il diritto di apporre modifiche in qualunque momento e senza alcun preavviso.
**OLEOWEB** reserves the right to modify the products at any time and without notice: the technical data of the catalogue can consequently change.




## COLONNETTE - HOUSING M/F

| TIPO TYPE | A | R | P | T | U | Ch. | PESO APPROX APPROX WEIGHT kg-lbs |
|---|---|---|---|---|---|---|---|
| 61100057 | BSPP 1/4 | 57 (2.24) | 10 (0.39) | 22 (087) | 20.5 (0.81) | 19 | 0.11 (0.16) |
| 61100058 | BSPP 3/8 | 64 (2.52) | 10 (0.39) | 25 (0.98) | 24.5 (0.96) | 22 | 0.14 (0.20) |
| 61100059 | BSPP 1/2 | 69 (2.71) | 10 (0.39) | 28 (1.10) | 29.5 (1.16) | 27 | 0.24 (0.30) |
| 61100060 | BSPP 3/4 | 87 (3.42) | 12 (0.47) | 36 (1.42) | 35.5 (1.40) | 32 | 0.34 (0.48) |

## COLONNETTE - HOUSING F/F

| TIPO TYPE | A | S | P | T | U | Ch. | PESO APPROX APPROX WEIGHT kg-lbs |
|---|---|---|---|---|---|---|---|
| 61100051 | BSPP 1/4 | 66 (2.60) | 10 (0.39) | 38 (1.50) | 20.5 (0.81) | 19 | 0.11 (0.16) |
| 61100052 | BSPP 3/8 | 73 (2.87) | 10 (0.39) | 43 (1.69) | 24.5 (0.96) | 22 | 0.12 (0.20) |
| 61100053 | BSPP 1/2 | 81 (3.19) | 10 (0.39) | 50.5 (1.99) | 29.5 (1.16) | 27 | 0.20 (0.33) |
| 61100054 | BSPP 3/4 | 99 (3.90) | 12 (0.47) | 57 (2.24) | 35.5 (1.40) | 32 | 0.29 (0.50) |

I dati presenti nel catalogo possono essere soggetti a variazioni, pertanto **OLEOWEB** si riserva il diritto di apporre modifiche in qualunque momento e senza alcun preavviso.
**OLEOWEB** reserves the right to modify the products at any time and without notice: the technical data of the catalogue can consequently change.