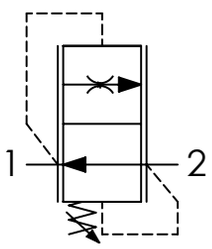


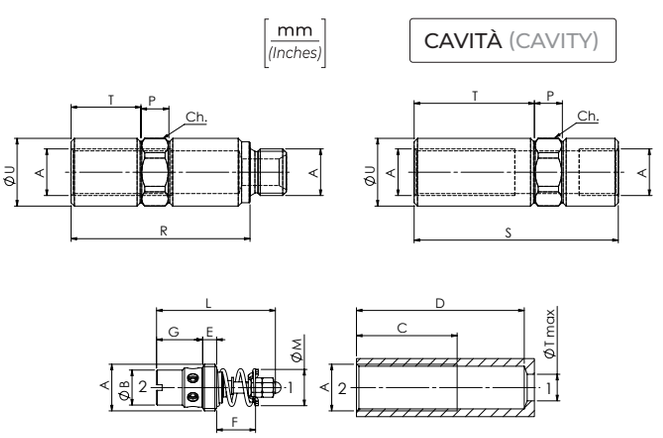
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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 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)



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)

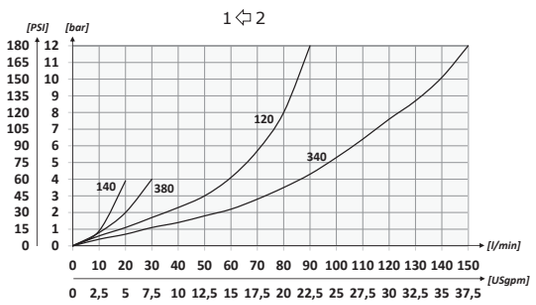
A	B	C	D	E	F	
l/min-USgpm						
1,4/4,2 (0,37/1,11)	**2,4/7,8** (0,63/2,06)	**3,8/9** (1/2,38)	**6/13,4** (1,58/3,54)	**8,6/17,5** (2,27/4,62)	**12,2/24** (3,22/6,34)	**VRD140**
1,7/3,7 (0,45/0,98)	**3/5,5** (0,79/1,45)	**5/10,5** (1,32/2,77)	**10/18** (2,64/4,75)	**16,5/25,4** (4,36/6,71)	**19,5/33** (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 omitted this value, 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-lbt	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt 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)

Aggiornamento - Update 21R-2021
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