



INSERT VALVES

VALVOLE AD INSERTO



01	02
VUI	

01	Valvole unidirezionali a sfera (Check valves - ball type)	VUI
02	Dimensione (Size)	BSPP 1/4
		BSPP 3/8
		BSPP 1/2
		BSPP 3/4

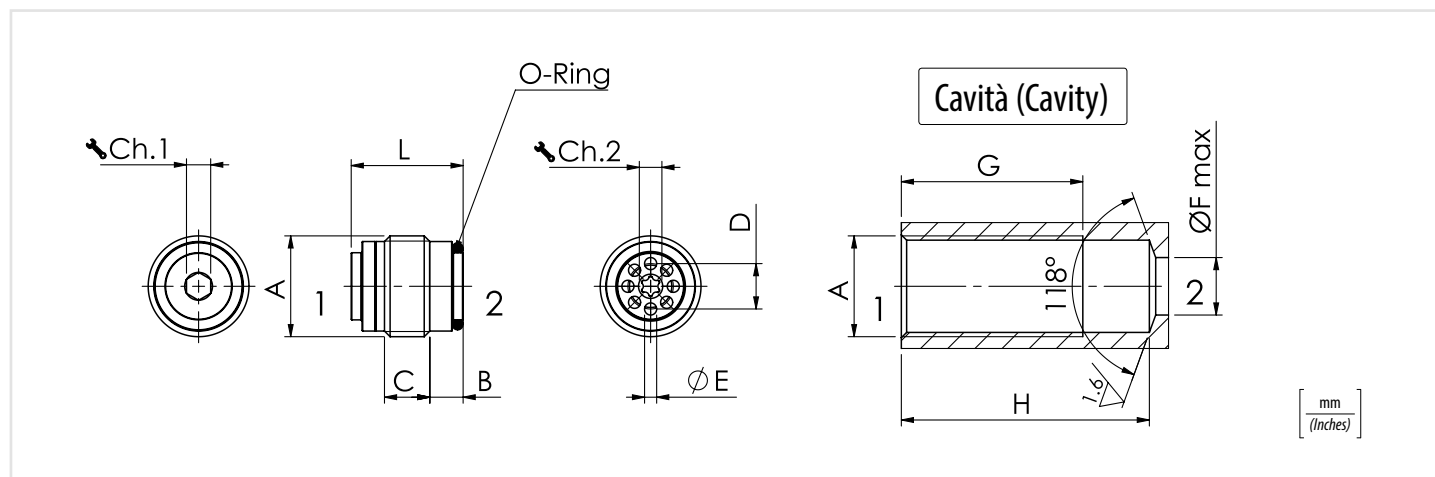
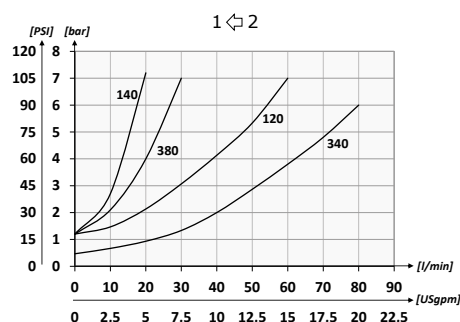
Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm ² /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)	
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min
Pressione d'apertura/Cracking pressure	0,5 bar - 7.25 PSI

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	F	G	H	L	Ch. 1	Ch. 2	Coppia di serraggio Tightening torque Nm/lbf ft	O-Ring	Peso approssimativo Approx weight kg/lb
VUI140	BSPP 1/4	20 (5.3)	350 (5075)	5,5 (0.22)	6 (0.24)	6 (0.24)	1,3 (0.05)	7 (0.28)	28 (1.10)	31 (1.22)	17 (0.67)	3	Torx T15	4 (35)	9 x 1	0,01 (0.022)
VUI380	BSPP 3/8	30 (7.9)			7,5 (0.30)	7,5 (0.30)	2 (0.08)	9 (0.35)	31 (1.22)	34 (1.34)	18,5 (0.73)	4	Torx T15	6 (53)	10,82 x 1,78	0,018 (0.040)
VUI120	BSPP 1/2	50 (13.2)			7 (0.28)	8,5 (0.34)	10 (0.39)	2,5 (0.10)	12 (0.47)	35 (1.38)	38 (1.50)	6	5	10 (88)	14 x 1,78	0,033 (0.073)
VUI340	BSPP 3/4	80 (21.1)			8 (0.31)	12,5 (0.49)	14 (0.55)	3 (0.12)	16 (0.63)	41 (1.61)	45 (1.77)	8	8	20 (177)	18,72 x 2,62	0,07 (0.16)



Codice ordinazione
Ordering code

01	02
VUP	

01	Valvole unidirezionali a disco (Check valves - disk type)	VUP
02	Dimensione (Size)	BSPP 1/4 140
		BSPP 3/8 380
		BSPP 1/2 120
		BSPP 3/4 340

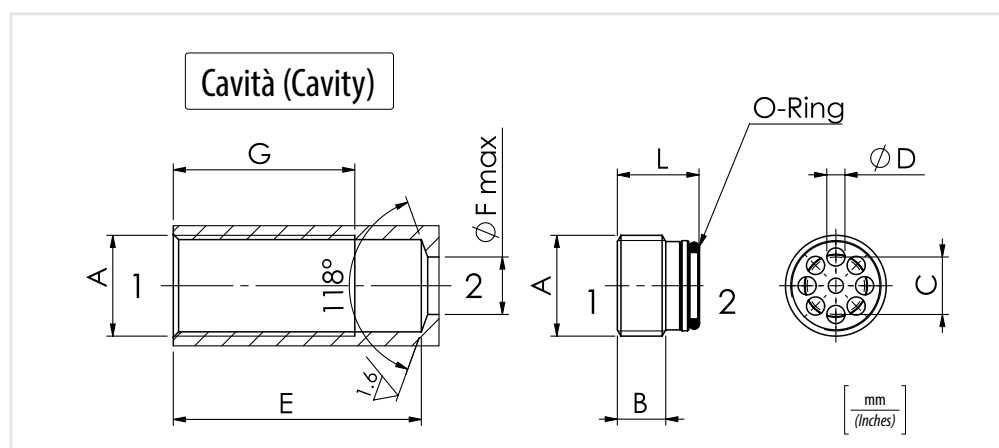
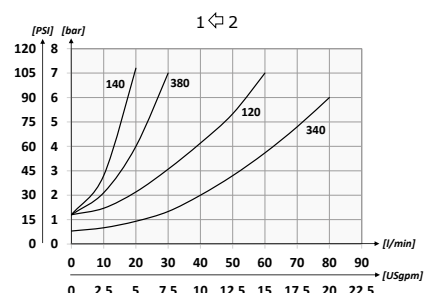
Schema idraulico - Hydraulic circuit

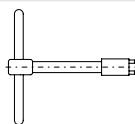


Dati tecnici - Technical data

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 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)	
Trafilamento massimo Max leakage	0,25 cm³/min - 5 gocce/min 0,015 in³/min - 5 drops/min
Pressione d'apertura/Cracking pressure	0,5 bar - 7.25 PSI

Performances



 Chiave - Tool		
Dimensione/Dimensions		
Tipo chiave Tool's Type	Tipo Type	Peso/kg Weight/lb
61700005	VUP140	0,12 (0.27)
61700006	VUP380	0,13 (0.29)
61700003	VUP120	0,15 (0.33)
61700030	VUP340	0,18 (0.40)

Caratteristiche tecniche - Technical characteristics

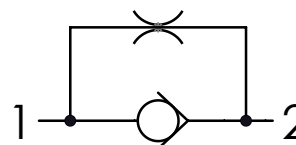
Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	E	F	G	L	Coppia di serraggio Tightening torque Nm/lbf ft	O-Ring	Peso approssimativo Approx weight kg/lb
VUP140	BSPP 1/4	20 (5.3)	350 (5075)	6 (0.24)	7 (0.27)	2 (0.08)	24 (0.94)	7 (0.28)	22 (0.87)	10,2 (0.40)	6 (53)	9 x 1	0,006 (0.013)
VUP380	BSPP 3/8	35 (9.2)		8 (0.31)	9,5 (0.37)	3 (0.12)	29 (1.14)	9 (0.35)	27 (1.06)	13,5 (0.53)	6 (53)	10,82 x 1,78	0,011 (0.025)
VUP120	BSPP 1/2	60 (15.9)		10 (0.39)	12 (0.47)	4 (0.16)	32 (1.26)	12 (0.47)	29 (1.14)	16,1 (0.63)	10 (88)	14 x 1,78	0,02 (0.044)
VUP340	BSPP 3/4	80 (21.1)		10,5 (0.41)	16 (0.63)	4,75 (0.19)	37 (1.46)	16 (0.63)	33 (1.30)	20,2 (0.80)	20 (177)	18,72 x 2,62	0,043 (1.12)

Codice ordinazione Ordering code	01	02	03
	VS	380	



01	Valvole unidirezionali con trafilemento (Check valves with gap)	VS
02	Dimensione (Size)	380
03	Tagli (Gaps)	2 tagli (2 gaps)
		4 tagli (4 gaps)

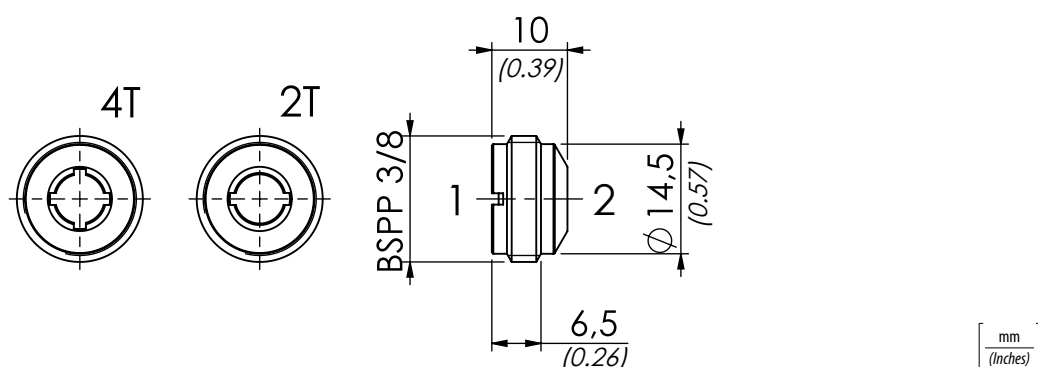
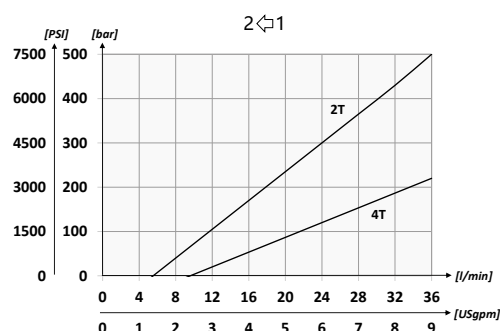
Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm ² /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)	

Performances

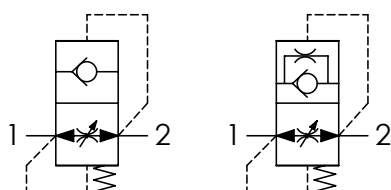


Caratteristiche tecniche - Technical characteristics

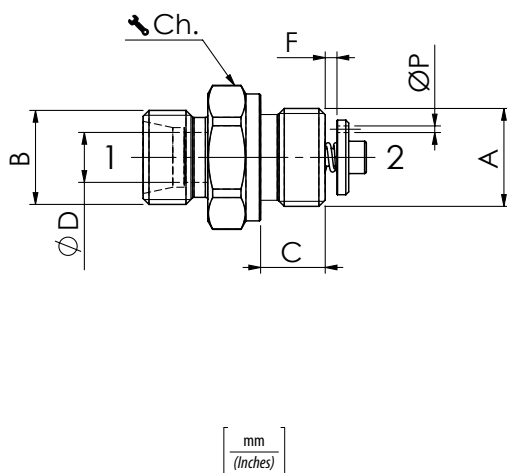
Tipo Type	Portata max (l/min) Max flow (USgpm)	Pressione max (bar) Max pressure (PSI)	Coppia di serraggio (Nm) Tightening torque (bt in)	Peso approssimativo (kg) Approx weight (lb)
VS380	35 (9.2)	500 (7250)	6 (4.5)	0,01 (0.022)



Schema idraulico - Hydraulic circuit



Con foro (With orifice)



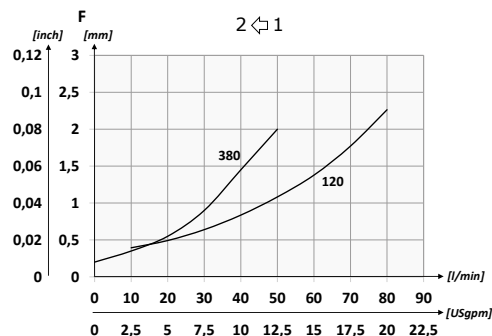
mm
(Inches)

Codice ordinazione Ordering code

01	02	03	04	05
VUBA				

01	Valvole di sicurezza per tubazioni DIN (DIN hose burst valves)			VUBA
02	Dimensione (Size)	BSPP 3/8		380
		BSPP 1/2		120
03	Dimensione (Size)	Tubo Ø 10 (For Ø 10 pipe)		T10
		Tubo Ø 12 (For Ø 12 pipe)		T12
		Tubo Ø 15 (For Ø 15 pipe, only for VUBA120)		T15
04	Regolazione (Setting)	Esempio: regolazione 0,7 mm (Example: setting 0.7 mm) F 0,7		F ...
		Omettere se non richiesto (Omit if not required)		
05	Foro sul piattello (Orifice on flat poppet)	Esempio: foro 1,5 mm (Example: hole 1,5 mm) P 1,5		P ...
		Omettere se non richiesto (Omit if not required)		

Regolazione "F" - Setting "F"



Dati tecnici - Technical data

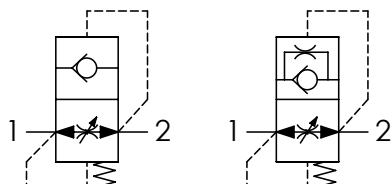
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)		
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)		
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14		
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F +176°F	
Temperatura ambiente/Ambient 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)			
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min		

Caratteristiche tecniche - Technical characteristics

Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	Ch.	Coppia max di serraggio raccordo (Nm) Max fitting tightening torque (lbt in)	Coppia max di serraggio tubo (Nm) Max tightening torque for hose (lbt in)	Peso approssimativo Approx weight kg/lb
VUBA380T10	BSPP 3/8	50 (13.2)	315 (4568)	M16 x 1,5	11 (0.43)	10 (0.39)	22	70 (50)	20 (15)	0,044 (0.097)
VUBA380T12				M18 x 1,5		12 (0.47)	22		40 (30)	
VUBA380T15				M22 x 1,5		15 (0.59)	24	70 (50)	0,060 (0.13)	
VUBA120T15	BSPP 1/2	80 (21.1)		13 (0.51)		27	85 (65)		0,077 (0.17)	



Schema idraulico - Hydraulic circuit



Con foro (With orifice)

Codice ordinazione
Ordering code

01	02	03	04
VUBA			

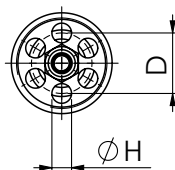
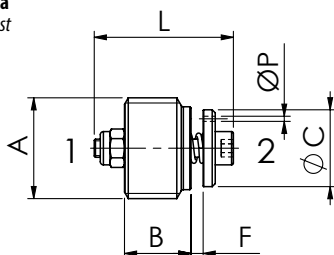
01	Valvole di sicurezza per tubazioni (Hose burst valves)	VUBA
02	BSPP 1/4	140
	BSPP 3/8	380
	BSPP 1/2	120
	BSPP 3/4	340
	BSPP 1	100
03	Regolazione (Setting)	Esempio: regolazione 0,7 mm (Example: setting 0.7 mm) F 0,7
	Omettere se non richiesto (Omit if not required)	F _ _
04	Foro sul piattello (Orifice on flat poppet)	Esempio: foro 1,5 mm (Example: hole 1.5 mm) P 1,5
	Omettere se non richiesto (Omit if not required)	P _ _

Regolazione F a richiesta

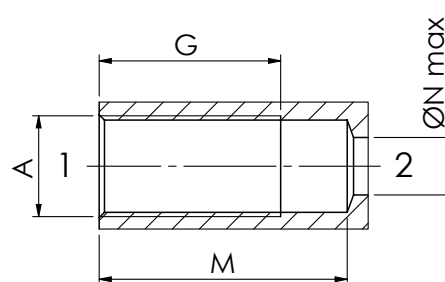
F setting on request

Foro su piattello a richiesta

Orifice on flat poppet on request



Cavità (Cavity)



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

ISO 4406:1999 Classe 19/17/14

Max contamination index with filter

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)

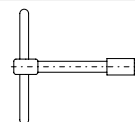
It is necessary a filter use to protect the valve (advised filtration 15 µm)

Trafilamento massimo

0,25 cm³/min - 5 gocce/min

Max leakage

0,015 in³/min - 5 drops/min



Chiave - Tool

Dimensione/Dimensions

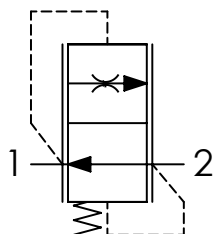
Tipo chiave Tool's Type	Tipo Type	Peso/Weight kg/lb
61700001	VUBA140	0,12 (0.27)
61700002	VUBA380	0,13 (0.29)
61700003	VUBA120	0,15 (0.33)
61700004	VUBA340	0,18 (0.40)

Caratteristiche tecniche - Technical characteristics

Tipo Type	A	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	B	C	D	G	H	L	M	N	Coppia di serraggio Tightening torque Nm/lbf ft	Peso approssimativo Approx weight kg/lb
VUBA140	BSPP 1/4	25 (6.6)	350 (5075)	8,2 (0.32)	10,4 (0.41)	8 (0.31)	25 (0.98)	2,5 (0.10)	19 (0.75)	35 (1.38)	7 (0.28)	2 (1.5)	0,008 (0.017)
VUBA380	BSPP 3/8	50 (13.2)		11 (0.43)	12,7 (0.50)	10 (0.39)	30 (1.18)	3,25 (0.13)	23 (0.90)	41 (1.61)	9,5 (0.37)	3 (2.5)	0,014 (0.030)
VUBA120	BSPP 1/2	80 (21.1)		13 (0.51)	15 (0.59)	11,5 (0.45)	33 (1.30)	4 (0.16)	29 (1.14)	46 (1.81)	12 (0.47)	4 (3)	0,025 (0.055)
VUBA340	BSPP 3/4	150 (39.6)		18 (0.71)	18 (0.71)	14,5 (0.57)	42 (1.65)	5,2 (0.20)	34 (1.34)	55 (2.17)	16 (0.63)	10 (7.5)	0,054 (0.12)
VUBA100	BSPP 1	180 (47.5)		20 (0.79)	26 (1.02)	19 (0.75)	48 (1.89)	7 (0.28)	40 (1.57)	63 (2.48)	22 (0.87)	12 (9)	0,1 (0.22)



Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

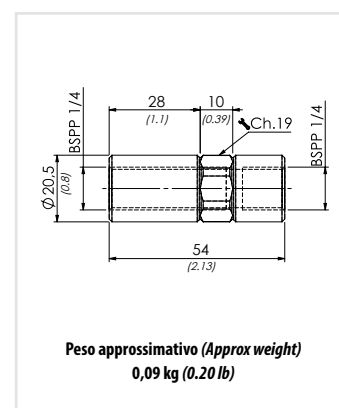
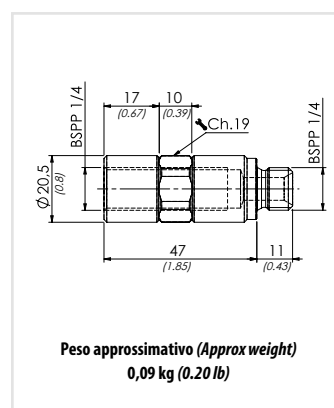
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio/Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente/Ambient 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)	

Codice ordinazione Ordering code	01	02
	VCC140	

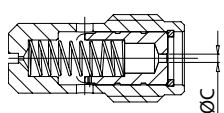
01	Valvole controllo discesa fisse compensate (Fixed flow control valves - pressure compensated)	VCC140
02	Portata controllata a 100 bar ± 10% (Controlled flow at 100 bar ± 10 %)	1 l/min (0.26 USgpm)
		2 l/min (0.53 USgpm)
		3 l/min (0.79 USgpm)
		4 l/min (1.06 USgpm)
		5 l/min (1.32 USgpm)
		6 l/min (1.58 USgpm)
		7 l/min (1.85 USgpm)
		8 l/min (2.11 USgpm)
		9 l/min (2.38 USgpm)
		10 l/min (2.64 USgpm)
		11 l/min (2.90 USgpm)
		12 l/min (3.17 USgpm)

Tipo - Type
61100160

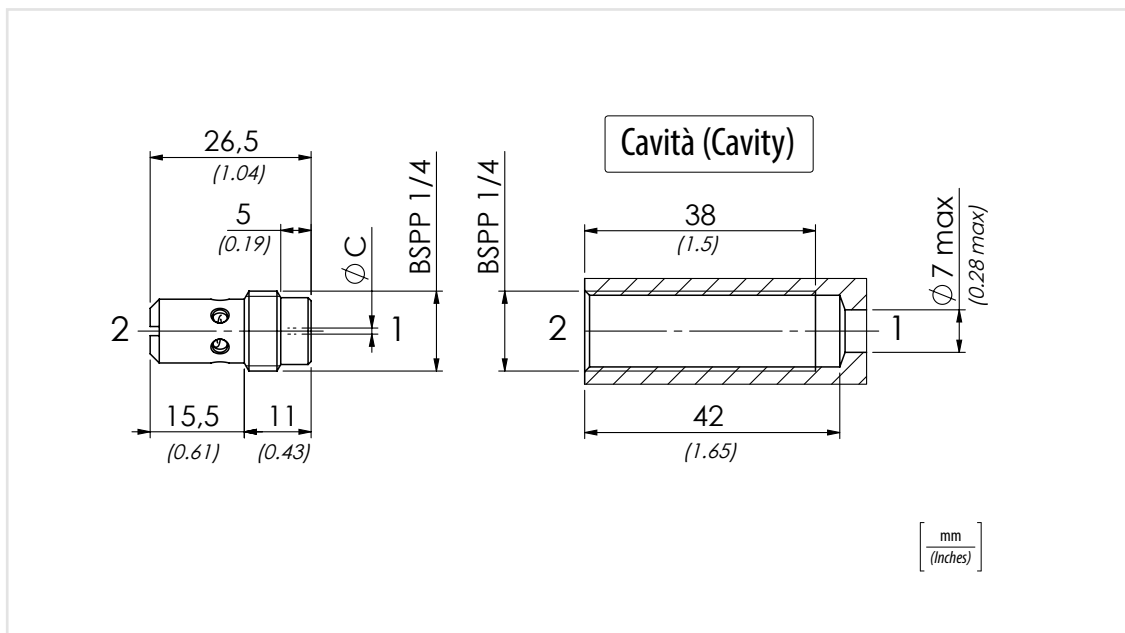
Tipo - Type
61100159



Tipo Type	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Coppia di serraggio Tightening torque Nm/lbf ft	Peso approssimativo Approx weight kg/lb
VCC140	12 (3.2)	250 (3625)	4 (3)	0,014 (0.031)



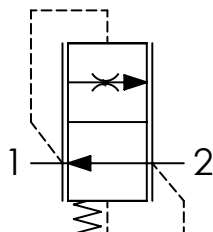
Tipo (Type)	Ø C
VCC1401	1 (0.04)
VCC1402	1,2 (0.05)
VCC1403	1,5 (0.06)
VCC1404	1,7 (0.07)
VCC1405	1,9 (0.07)
VCC1406	2,1 (0.08)
VCC1407	2,3 (0.09)
VCC1408	2,4 (0.09)
VCC1409	2,7 (0.11)
VCC14010	2,8 (0.11)
VCC14011	3,1 (0.12)
VCC14012	3,3 (0.13)



Codice ordinazione Ordering code	01	02
	VCC380	

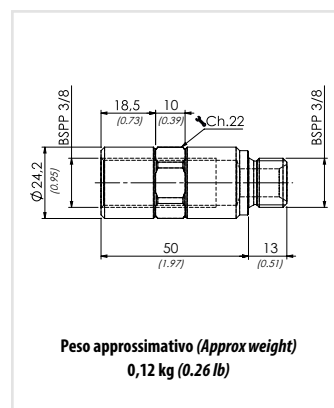


Schema idraulico - Hydraulic circuit

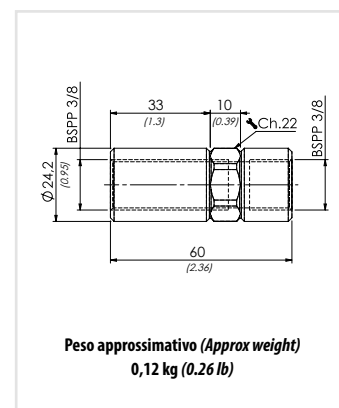


01	Valvole controllo discesa fisse compensate (Fixed flow control valves - pressure compensated)	VCC380
02	Portata controllata a 100 bar $\pm$ 10% (Controlled flow at 100 bar $\pm$ 10 %)	1 l/min (0.26 USgpm)
		2 l/min (0.53 USgpm)
		3 l/min (0.79 USgpm)
		4 l/min (1.06 USgpm)
		5 l/min (1.32 USgpm)
		6 l/min (1.58 USgpm)
		7 l/min (1.89 USgpm)
		8 l/min (2.11 USgpm)
		9 l/min (2.38 USgpm)
		10 l/min (2.64 USgpm)
		11 l/min (2.90 USgpm)
		12 l/min (3.17 USgpm)
		16 l/min (4.22 USgpm)
		18 l/min (4.75 USgpm)

Tipo - Type
61100162



Tipo - Type
61100161

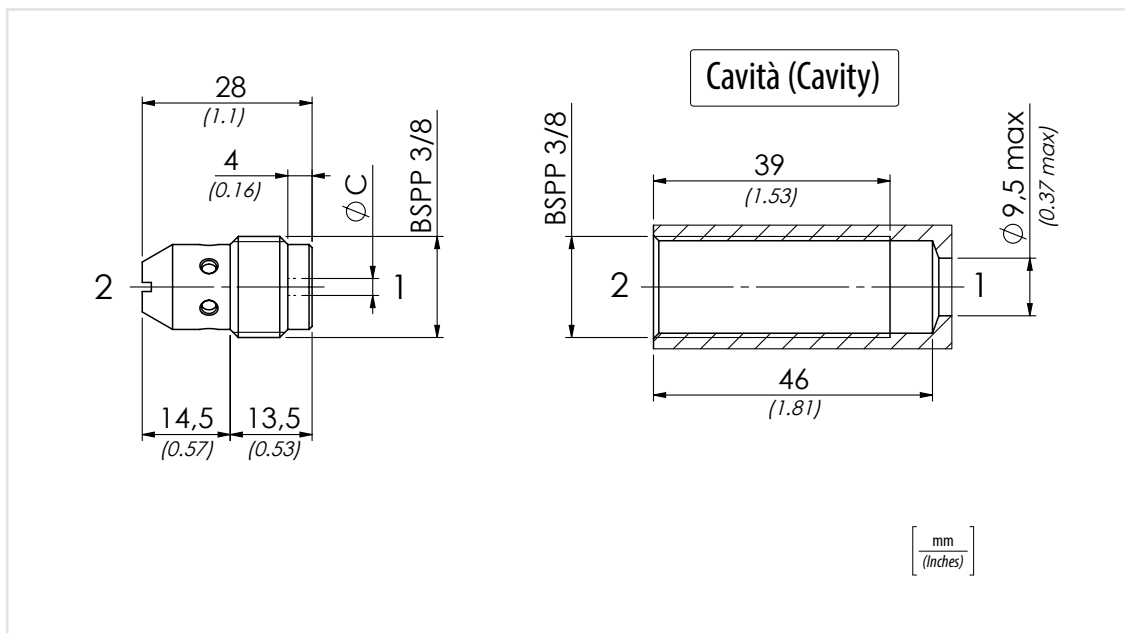


Dati tecnici - Technical data

Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm ² /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)	

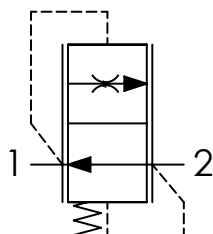
Tipo Type	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Coppia di serraggio Tightening torque Nm/lbf ft	Peso approssimativo Approx weight kg/lb
VCC380	18 (4.8)	250 (3625)	6 (4.5)	0,024 (0.053)

Tipo (Type)	Ø C
VCC3801	0,6 (0.02)
VCC3802	1,4 (0.06)
VCC3803	1,7 (0.07)
VCC3804	2 (0.08)
VCC3805	2,3 (0.09)
VCC3806	2,6 (0.10)
VCC3807	2,8 (0.11)
VCC3808	3,1 (0.12)
VCC3809	3,3 (0.13)
VCC38010	3,5 (0.14)
VCC38011	3,7 (0.15)
VCC38012	4 (0.16)
VCC38016	5 (0.12)
VCC38018	5,5 (0.22)





Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

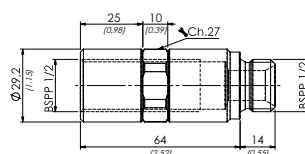
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio/Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente/Ambient 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)	

Codice ordinazione Ordering code	01	02
	VSC120	

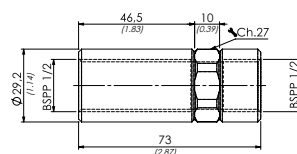
01	Valvole controllo discesa fisse compensate (Fixed flow control valves - pressure compensated)	VSC120
02	Portata controllata a 100 bar ± 10% (Controlled flow at 100 bar ± 10 %)	9 l/min (2.38 USgpm) 9
		12 l/min (3.17 USgpm) 12
		17 l/min (4.49 USgpm) 17
		21 l/min (5.54 USgpm) 21
		27 l/min (7.1 USgpm) 27
		32 l/min (8.45 USgpm) 32
		40 l/min (10.56 USgpm) 40
		47 l/min (12.4 USgpm) 47

Tipo - Type
61100033

Tipo - Type
61100094

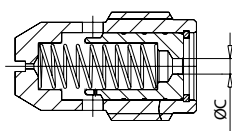


Peso approssimativo (Approx weight)
0,21 kg (0.46 lb)

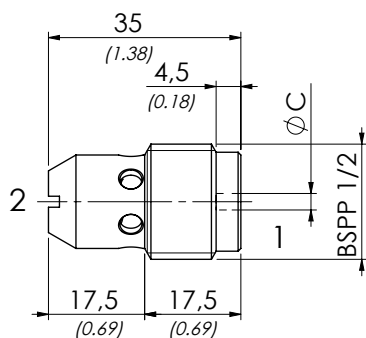


Peso approssimativo (Approx weight)
0,21 kg (0.46 lb)

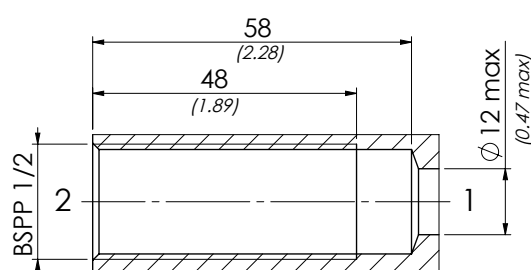
Tipo Type	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Coppia di serraggio Tightening torque Nm/lbf.ft	Peso approssimativo Approx weight kg/lb
VSC120	47 (12.4)	250 (3625)	10 (7.5)	0,050 (0.11)



Tipo (Type)	Ø C
VSC1209	2,5 (0.10)
VSC12012	3 (0.12)
VSC12017	3,5 (0.14)
VSC12021	4 (0.16)
VSC12027	4,5 (0.18)
VSC12032	5 (0.20)
VSC12040	5,5 (0.22)
VSC12047	6 (0.24)



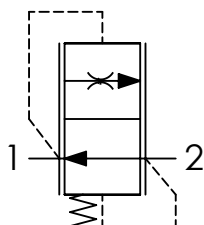
Cavità (Cavity)



mm
(Inches)

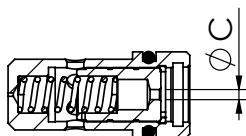


Schema idraulico - Hydraulic circuit



Dati tecnici - Technical data

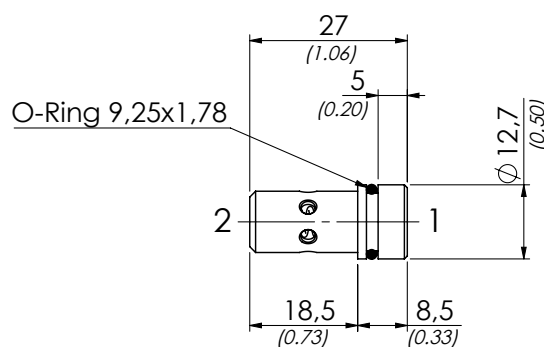
Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)	
Viscosità olio/Oil viscosity	15-250 mm ² /s (15 to 250 cSt)	
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14	
Temperatura dell'olio/Oil temperature	-20°C +80°C	-4°F + 176°F
Temperatura ambiente/Ambient 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)		



Tipo Type	Ø C
VSCR61	1 (0.04)
VSCR62	1,2 (0.05)
VSCR63	1,5 (0.06)
VSCR64	1,7 (0.07)
VSCR65	1,9 (0.07)
VSCR66	2,1 (0.08)
VSCR67	2,3 (0.09)
VSCR68	2,4 (0.09)
VSCR69	2,7 (0.11)
VSCR610	2,8 (0.11)
VSCR611	3,1 (0.12)
VSCR612	3,3 (0.13)

Codice ordinazione Ordering code	01	02
	VSCR6	

01	Valvole controllo discesa fisse compensate (Fixed flow control valves - pressure compensated)	VSCR6
02	Portata controllata a 100 bar ± 10% (Controlled flow at 100 bar ± 10 %)	1 l/min (0.26 USgpm) 1
		2 l/min (0.53 USgpm) 2
		3 l/min (0.79 USgpm) 3
		4 l/min (1.06 USgpm) 4
		5 l/min (1.32 USgpm) 5
		6 l/min (1.58 USgpm) 6
		7 l/min (1.85 USgpm) 7
		8 l/min (2.11 USgpm) 8
		9 l/min (2.38 USgpm) 9
		10 l/min (2.64 USgpm) 10
		11 l/min (2.90 USgpm) 11
		12 l/min (3.17 USgpm) 12



[mm
(Inches)]

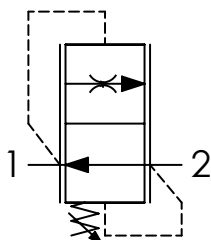
Tipo Type	Portata max Max flow l/min-USgpm	Pressione max Max pressure bar/PSI	Peso approssimativo Approx weight kg/lb
VSCR6	12 (3.20)	250 (3625)	0,012 (0.026)

Codice ordinazione Ordering code

01	02	03	04
VRD			



Schema idraulico - Hydraulic circuit

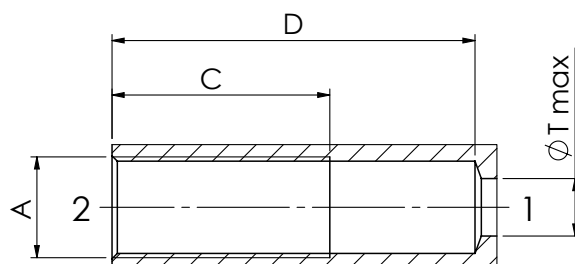
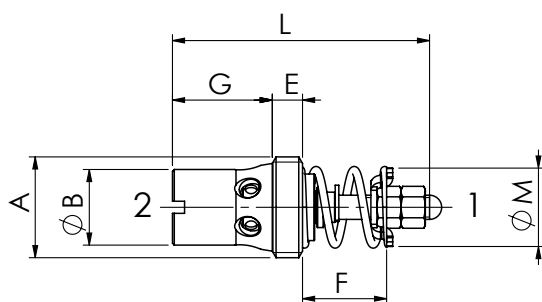


01	Valvole controllo discesa regolabili compensate (Adjustable flow control valves - pressure compensated)	VRD					
02	Dimensione (Size)	BSP 1/4					
		BSP 3/8					
		BSP 1/2					
		BSP 3/4					
03	Flusso controllato a 50 bar (Controlled flow at 50 bar)	A	B	C	D	E	F
		l/min-USgpm					
		2/3,2 (0.5/0.8)	2,9/5,8 (0.8/1.5)	4,5/7,6 (1.2/2.0)	5,5/10,5 (1.5/2.8)	8/13,5 (2.1/3.6)	12/21 (3.2/5.5)
		4/7,5 (1.1/2.0)	7/9,7 (1.8/2.6)	7,8/14 (2.1/3.7)	13/18 (3.4/4.8)	18/26 (4.8/6.9)	25/37 (6.6/9.8)
		14/21 (3.7/5.5)	21,5/30 (5.7/7.9)	29,5/39 (7.8/10.3)	40/49 (10.6/12.9)	52,5/66 (13.9/17.4)	-
		38/51 (10.0/13.5)	44/64 (11.6/16.9)	64/90 (16.9/23.8)	70/110 (18.5/29.0)	105/150 (27.7/39.6)	-
04	Regolazione (Setting)	Esempio: regolazione 15 mm (Example: setting 15 mm) F 15					
		Omesso se non richiesto (Omitted if not required)					

Dati tecnici - Technical data

Olio idraulico/Mineral oil	ISO 6743/4 (DIN 51524)	
Viscosità olio/Oil viscosity	15-250 mm ² /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)		

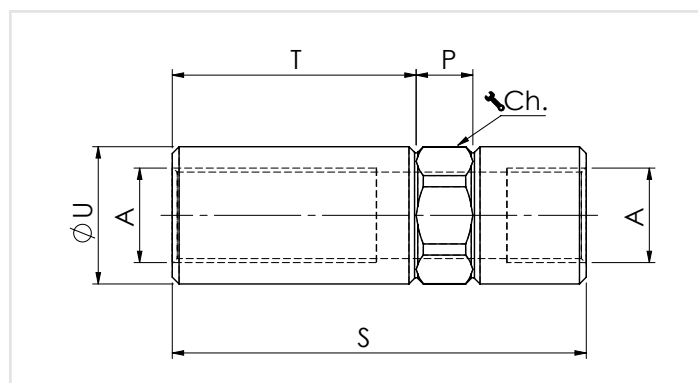
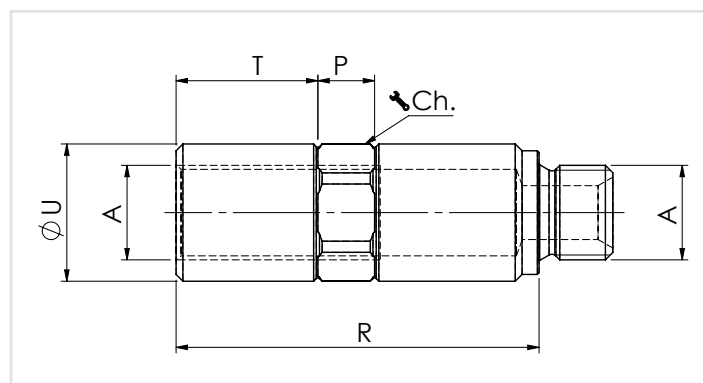
Cavità (Cavity)



mm
(Inches)

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 approssimativo Approx weight kg/lb	Coppia di serraggio Tightening Torque Nm/lbf ft
VRD140	BSP 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	BSP 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	BSP 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	BSP 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)



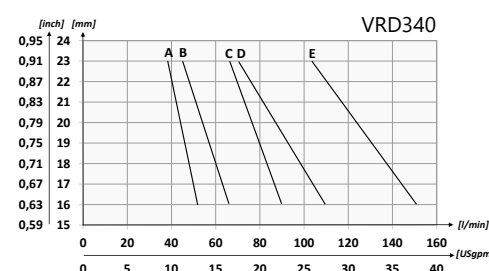
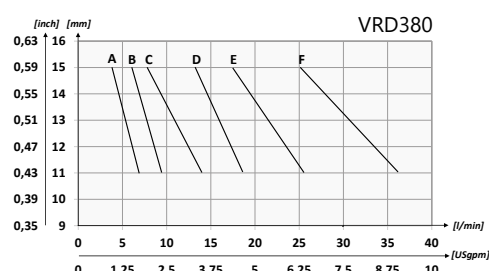
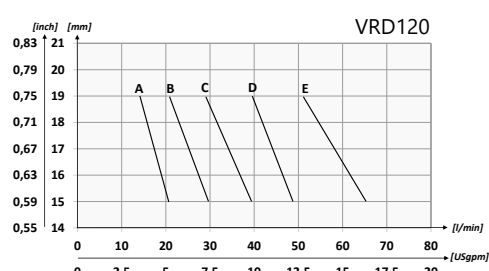
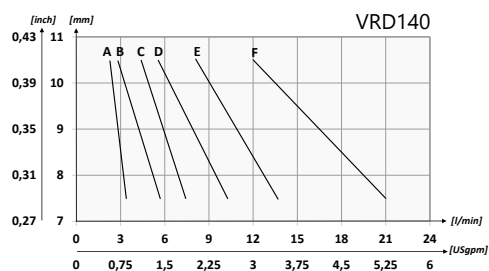
Colonnnette - Housing M/F

Tipo Type	A	R	P	T	U	Ch.	Peso approssimativo (kg) Approx weight (lb)
61100057	BSPP 1/4	57 (2.24)	10 (0.39)	22 (0.87)	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)

Colonnnette - Housing F/F

Tipo Type	A	S	P	T	U	Ch.	Peso approssimativo (kg) Approx weight (lb)
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)

Regolazione - Setting



Performances

