

CUR6 VALVOLE UNIDIREZIONALI SAE8

SAE8 CHECK VALVES

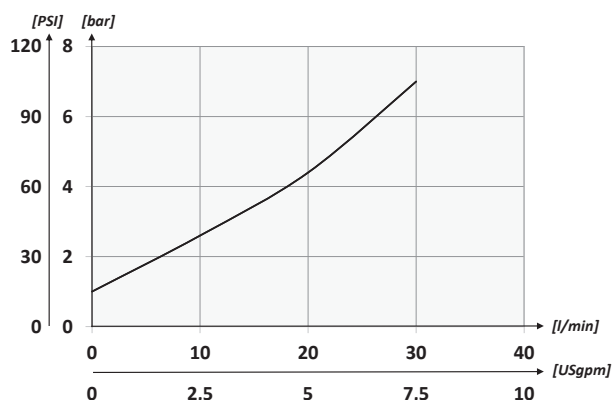


CODICE ORDINAZIONE ORDERING CODE

01	02	03
CUR6		

01	VALVOLE UNIDIREZIONALI SAE8 (SAE8 CHECK VALVES)		CUR6
02	TENUTA (SEALING)	Tenuta a sfera - solo molla 1 bar (Ball sealing - only spring 14,5 PSI)	SF
		Tenuta ad otturatore (Poppet sealing)	SP
03	MOLLA (SPRING)	1 bar (14,5 PSI)	1
		3 bar (43,5 PSI)	3
		4,5 bar (65,3 PSI)	4,5

PERFORMANCES



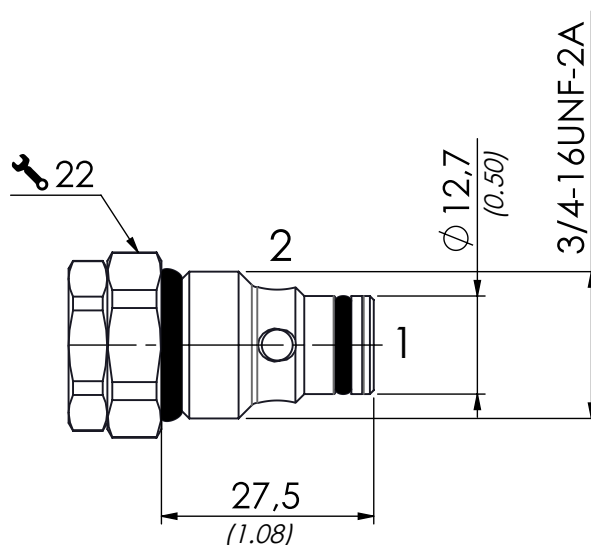
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

Olivo 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 - 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)	
Trafilamento massimo Max leakage	0,25 cm³/min - 5 gocce/min 0,015 in³/min - 5 drops/min

mm
(Inches)



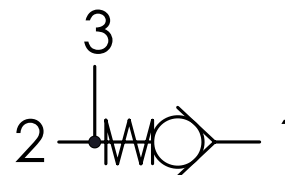
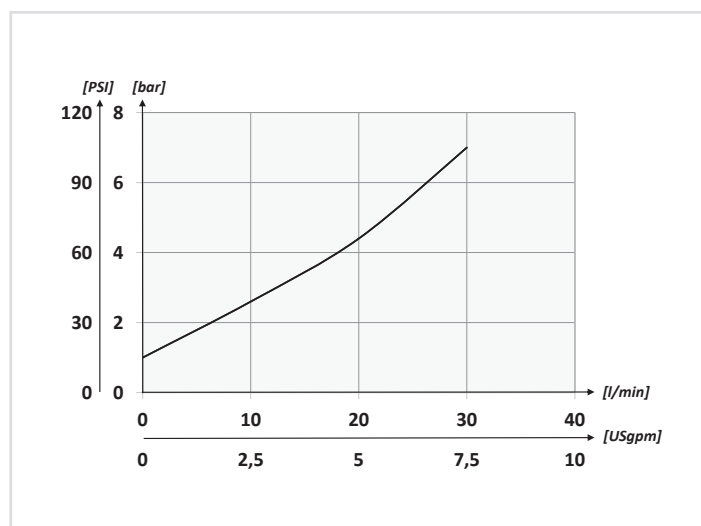
CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

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
CUR6	25 (6,6)	350 (5075)	0,06 (0.13)	25-30 (19-22)	SAE8/2

**CODICE ORDINAZIONE**
ORDERING CODE

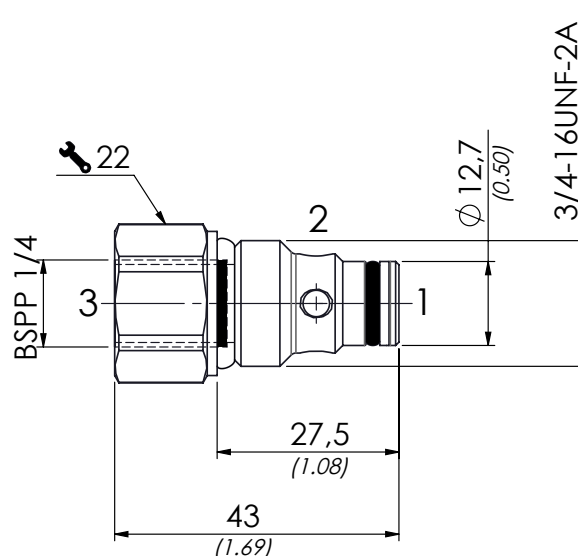
01	02	03	04
CUR6		1	M

01	VALVOLE UNIDIREZIONALI SAE8 CON ATTACCO MANOMETRO (SAE8 CHECK VALVES WITH PRESSURE CONNECTION)		CUR6
02	TENUTA (SEALING)	Tenuta a sfera (Ball sealing)	SF
		Tenuta a otturatore (Poppet sealing)	SP
03	MOLLA (SPRING)	1 bar (14.5 PSI)	1
04	Con attacco manometro (With pressure connection)		M

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT**PERFORMANCES****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 - 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)			
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min		

[mm
(Inches)]

**CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS**

CODICE CODE	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
CUR6M	25 (6.6)	350 (5075)	0,07 (0.15)	25-30 (19-22)	SAE8/2

CUR10

VALVOLE UNIDIREZIONALI 7/8-14UNF 7/8-14UNF CHECK VALVES



CODICE ORDINAZIONE ORDERING CODE

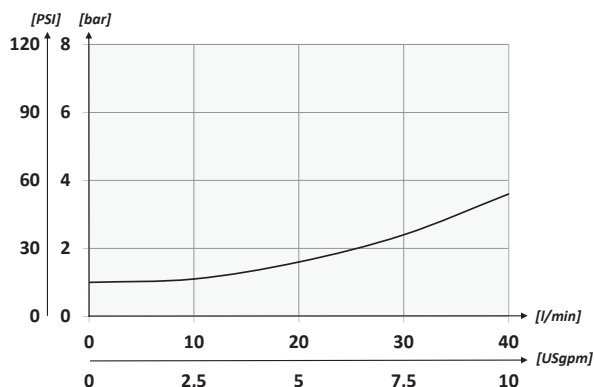
01	02	03
CUR10	SP	

01	VALVOLE UNIDIREZIONALI 7/8-14UNF (7/8-14UNF CHECK VALVES)		CUR10
02	TENUTA (SEALING)	Tenuta ad otturatore (Poppet sealing)	SP
03	MOLLA (SPRING)	1 bar (14.5 PSI)	1

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



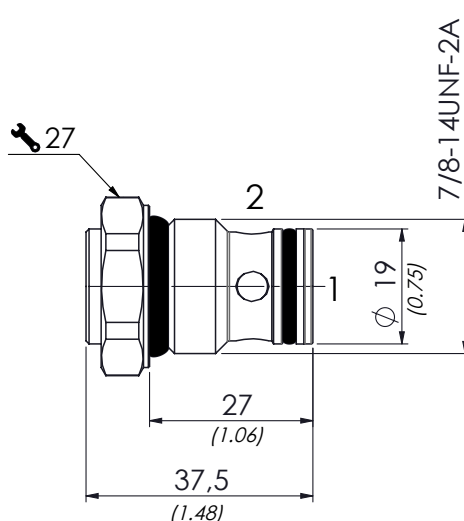
PERFORMANCES



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 - 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)			
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min		

mm
(Inches)



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
CUR10	40 (10.6)	350 (5075)	0,11 (0.25)	45-50 (33-37)

CUR2015

VALVOLE UNIDIREZIONALI M20X1,5
M20X1,5 CHECK VALVES

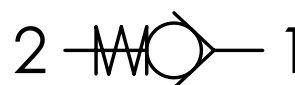


CODICE ORDINAZIONE
ORDERING CODE

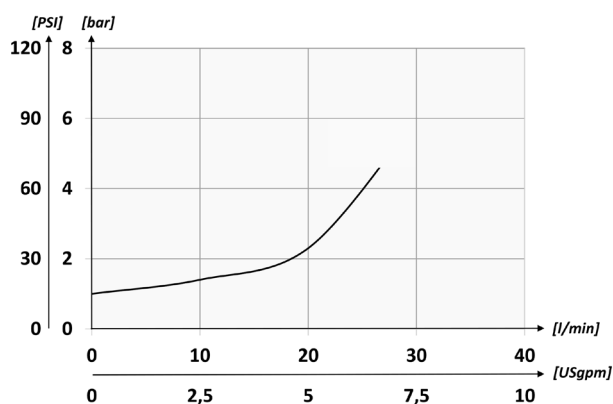
01	02	03
CUR2015		1

01	VALVOLE UNIDIREZIONALI M20X1,5 (M20X1,5 CHECK VALVES)		CUR2015
02	TENUTA (SEALING)	Tenuta a sfera (Ball sealing)	SF
		Tenuta ad otturatore (Poppet sealing)	SP
03	MOLLA (SPRING)	1 bar (14.5 PSI)	1

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



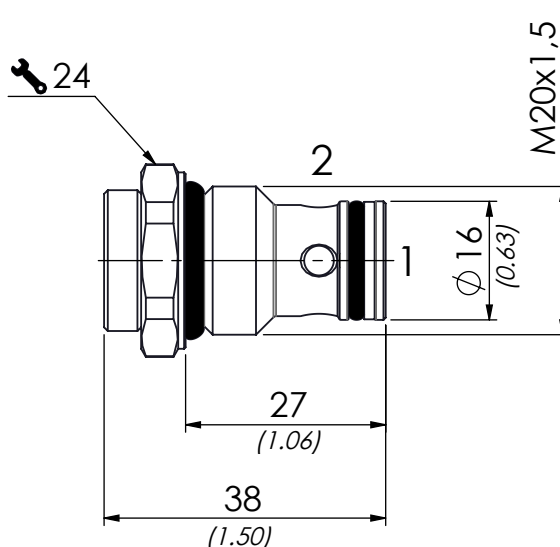
PERFORMANCES



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 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 - 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)			
Trafilamento massimo Max leakage	0,25 cm³/min - 5 gocce/min 0,015 in³/min - 5 drops/min		

[mm
(Inches)]



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
CUR2015	25 (6.6)	350 (5075)	0,07 (0.15)	25-30 (19-22)	C2015/2

CUR2215 VALVOLE UNIDIREZIONALI M22X1,5

M22X1,5 CHECK VALVES

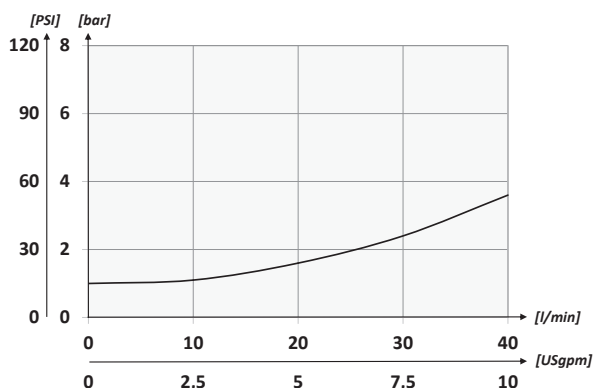


CODICE ORDINAZIONE ORDERING CODE

01	02	03
CUR2215		

01	VALVOLE UNIDIREZIONALI M22X1,5 (M22X1,5 CHECK VALVES)		CUR2215
02	TENUTA (SEALING)	Tenuta a sfera (Ball sealing)	SF
		Tenuta ad otturatore (Poppet sealing)	SP
03	MOLLA (SPRING)	1 bar (14,5 PSI)	1
		4,5 bar - solo otturatore (65.3 PSI - only poppet)	4,5

PERFORMANCES



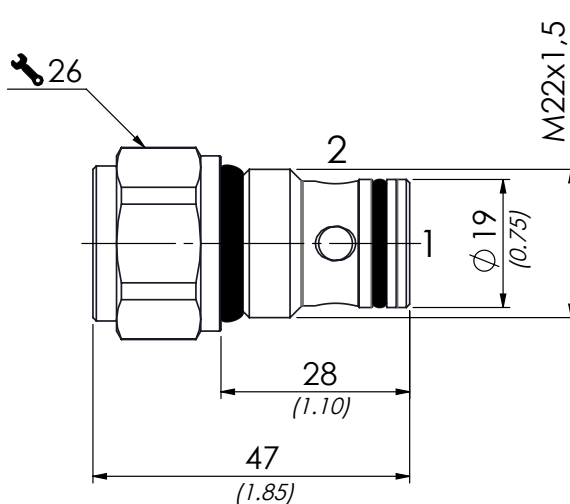
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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 - 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)	
Trafilamento massimo Max leakage	0,25 cm³/min - 5 gocce/min 0,015 in³/min - 5 drops/min

mm
(Inches)



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	CAVITÀ CAVITY
CUR2215	40 (10.6)	350 (5075)	0,11 (0.25)	45-50 (33-37)	C2215/2

CUR2615 VALVOLE UNIDIREZIONALI M26X1,5

M26X1,5 CHECK VALVES

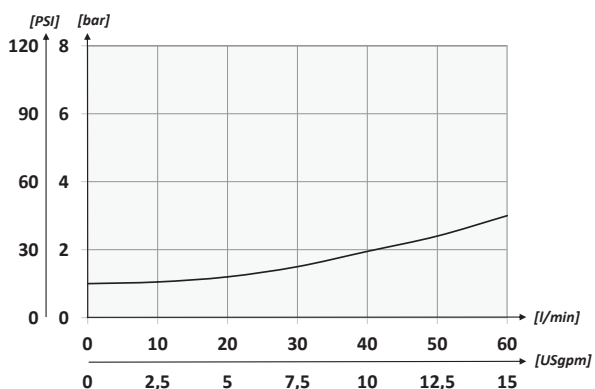


CODICE ORDINAZIONE
ORDERING CODE

01	02	03
CUR2615	SP	

01	VALVOLE UNIDIREZIONALI M26X1,5 (M26X1,5 CHECK VALVES)		CUR2615
02	TENUTA (SEALING)	Tenuta ad otturatore (Poppet sealing)	SP
03	MOLLA (SPRING)	1 bar (14.5 PSI)	1
	MOLLA (SPRING)	4,5 bar (65.3 PSI)	4,5

PERFORMANCES



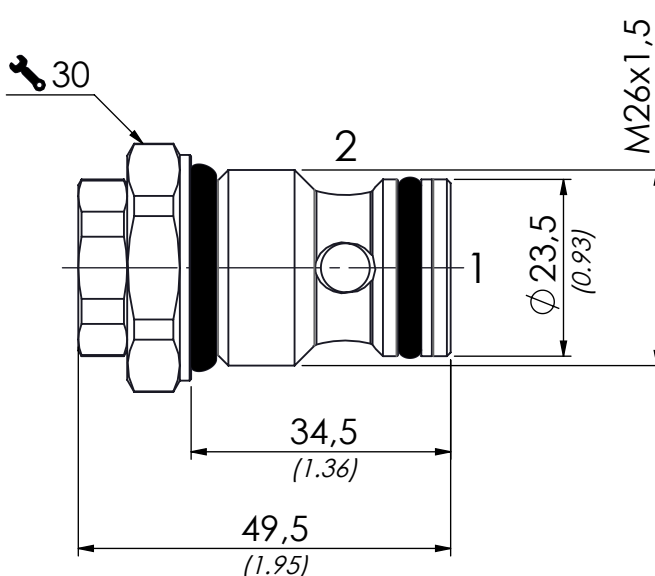
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

Olío 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 - 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)		
Trafilamento massimo Max leakage	0,25 cm³/min - 5 gocce/min 0,015 in³/min - 5 drops/min	

[mm]
[Inches]



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

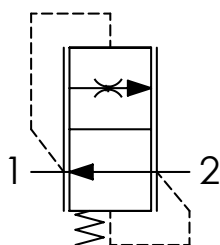
TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	CAVITÀ CAVITY
CUR2615	60 (15.8)	350 (5075)	0,15 (0.33)	55-60 (41-45)	C2615/2

VSC6 VALVOLE CONTROLLO FLUSSO FISSE COMPENSATE SAE 8

SAE 8 FIXED FLOW CONTROL VALVES - PRESSURE COMPENSATED



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



CODICE ORDINAZIONE ORDERING CODE

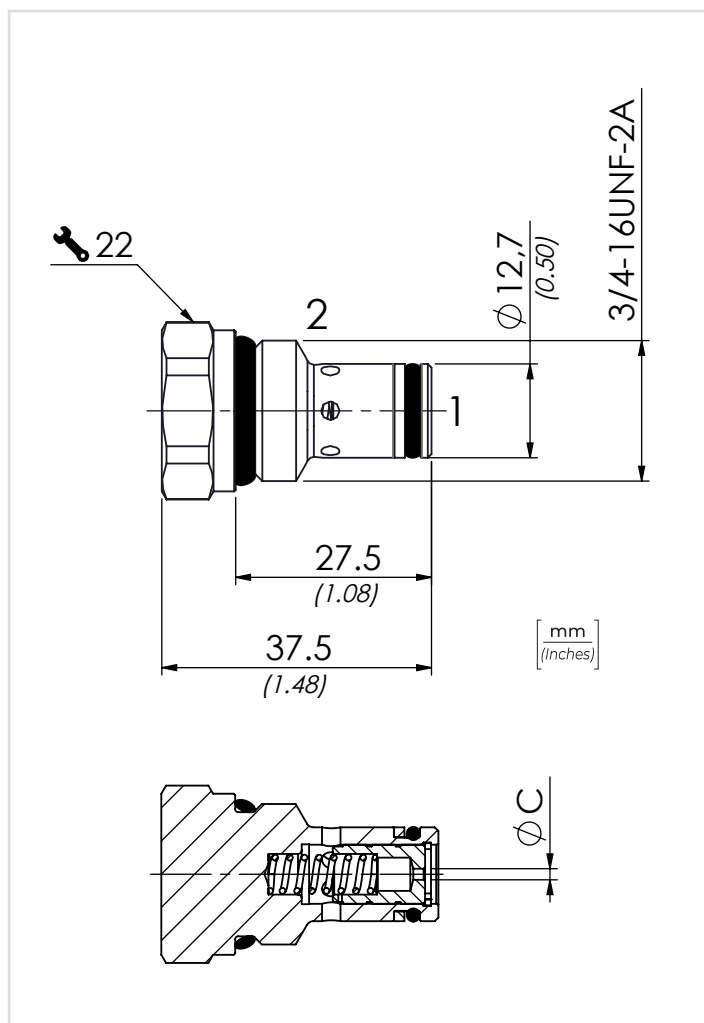
01	02
VSC6	

01	VALVOLE CONTROLLO FLUSSO FISSE COMPENSATE SAE 8 (SAE 8 FIXED FLOW CONTROL VALVES - PRESSURE COMPENSATED)	VSC6
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 (1.85 USgpm)
		8 l/min (2.11 USgpm)
		9 l/min (2.38 USgpm)
		10 l/min (1.64 USgpm)
		11 l/min (2.90 USgpm)
		12 l/min (3.17 USgpm)

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 - 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)	

TIPO (TYPE)	Ø C
VSC61	1 (0.04)
VSC62	1,2 (0.05)
VSC63	1,5 (0.06)
VSC64	1,7 (0.07)
VSC65	1,9 (0.07)
VSC66	2,1 (0.08)
VSC67	2,3 (0.09)
VSC68	2,4 (0.09)
VSC69	2,7 (0.11)
VSC610	2,8 (0.11)
VSC611	3,1 (0.12)
VSC612	3,3 (0.13)



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

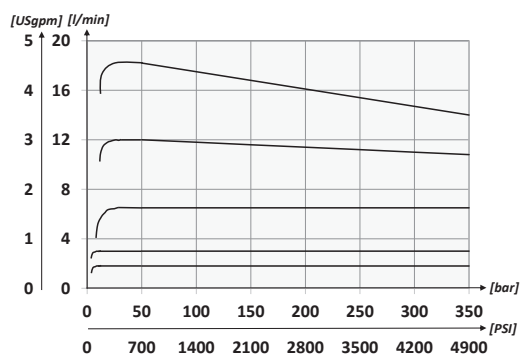
TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lbt)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY
VSC6	12 (3.11)	250 (3625)	0,06 (0.15)	25-30 (19-22)	SAE8/2

VCF6

VALVOLE CONTROLLO FLUSSO REGOLABILE COMPENSATE SAE 8 SAE 8 ADJUSTABLE FLOW CONTROL VALVES - PRESSURE COMPENSATED



PERFORMANCES

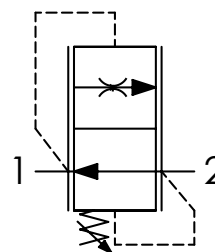


CODICE ORDINAZIONE ORDERING CODE

01	02	03
VCF6		

01	VALVOLE CONTROLLO FLUSSO REGOLABILE COMPENSATE SAE 8 (SAE 8 ADJUSTABLE FLOW CONTROL VALVES - PRESSURE COMPENSATED)	VCF6
02	PORTATA CONTROLLATA A 100 BAR ± 10% (CONTROLLED FLOW AT 100 BAR ± 10 %)	0,6-2,2 l/min (0.16-0.58 USgpm) 1
		0,8-3 l/min (0.21-0.79 USgpm) 2
		1,3-5,1 l/min (0.34-1.35 USgpm) 3
		1,9-6,8 l/min (0.50-1.80 USgpm) 4
		2,6-9,1 l/min (0.69-2.40 USgpm) 5
		4-14,4 l/min (1.06-3.08 USgpm) 6
		7,2-18 l/min (1.90-4.75 USgpm) 7
03	REGOLAZIONE (SETTING)	Chiave (Screw) C
		Volantino (Handknob) Tipo (Type) 12000354 V

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 - 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)	

TIPO (TYPE)	Ø C
VCF61	0,9 (0.04)
VCF62	1 (0.04)
VCF63	1,3 (0.05)
VCF64	1,5 (0.06)
VCF65	1,7 (0.07)
VCF66	2,2 (0.09)
VCF67	2,8 (0.11)

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	CAVITÀ CAVITY
VCF6	18 (4.8)	350 (5075)	0,12 (0.26)	25-30 (19-22)	SAE8/2

VBF6

VALVOLE CONTROLLO FLUSSO BIDIREZIONALI SAE 8

SAE 8 BIDIRECTIONAL FLOW CONTROL VALVES



CODICE ORDINAZIONE ORDERING CODE

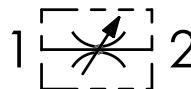
01

02

VBF6

01	VALVOLE CONTROLLO FLUSSO BIDIREZIONALI SAE 8 (SAE 8 BIDIRECTIONAL FLOW CONTROL VALVES)	VBF6
02	Chiave (Screw)	C
	Volantino (Handknob)	V

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

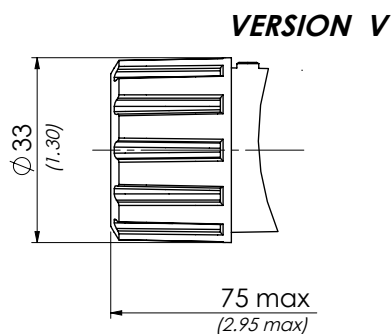
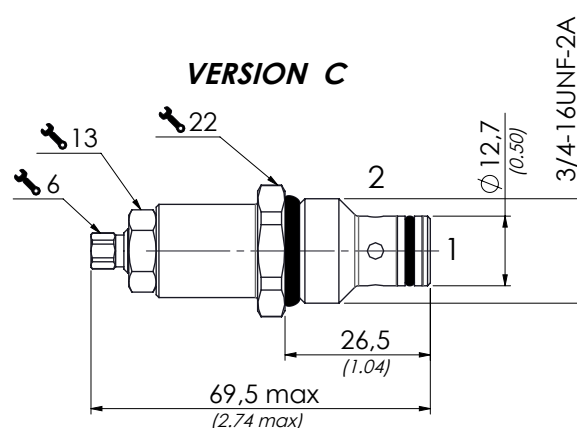
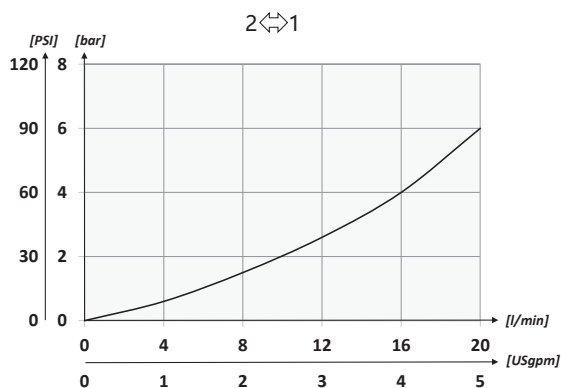


DATI TECNICI / TECHNICAL DATA

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 - 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)

PERFORMANCES



mm
(inches)

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
VBF6	30 (7.9)	350 (5075)	0,09 (0.20)	25-30 (19-22)	SAE8/2

VRF6 VALVOLE CONTROLLO FLUSSO UNIDIREZIONALI SAE 8

SAE 8 UNIDIRECTIONAL FLOW CONTROL VALVES



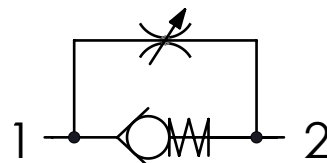
CODICE ORDINAZIONE
ORDERING CODE

01
VRF6

02

01	VALVOLE CONTROLLO FLUSSO UNIDIREZIONALI SAE 8 (SAE 8 UNIDIRECTIONAL FLOW CONTROL VALVES)	VRF6
02	CHIAVE (SCREW)	C
	Volantino (Handknob) Tipo (Type) 12000275	V

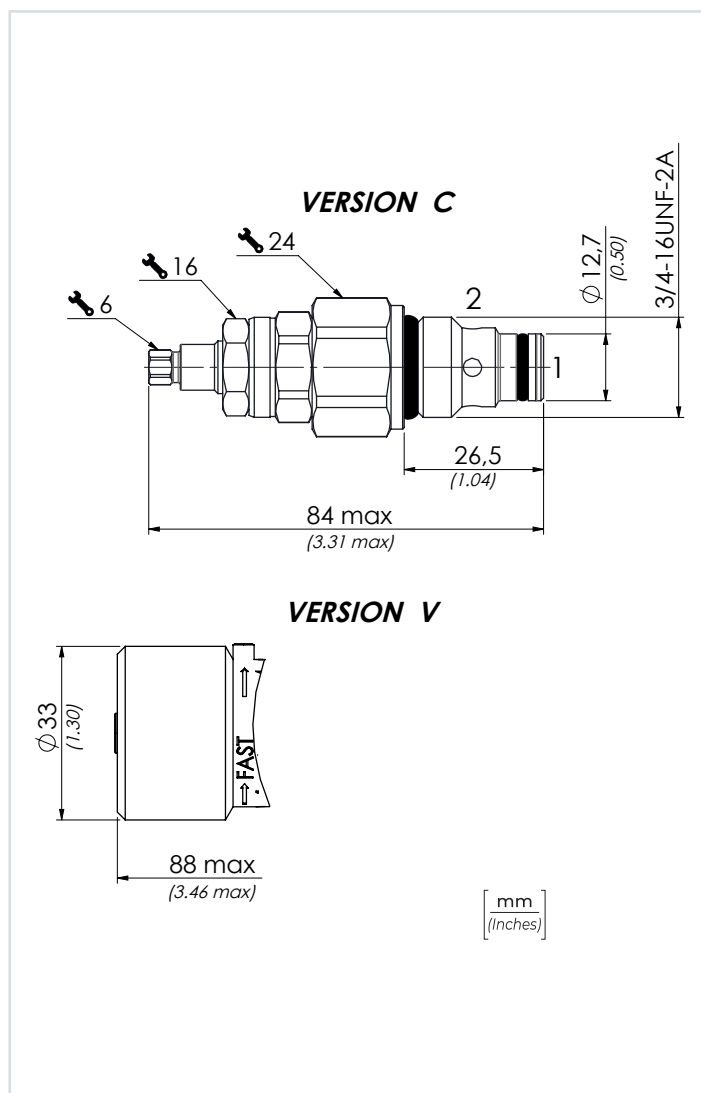
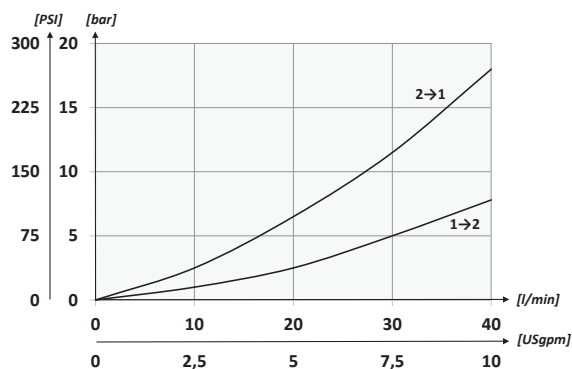
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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 - 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)	

PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

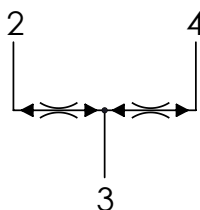
TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY
VRF6	40 (10.6)	350 (5075)	0,13 (0.30)	25-30 (19-22)	SAE8/2

VDRF DIVISORE/RIUNIFICATORE DI FLUSSO A CARTUCCIA SAE 10

SAE 10 CARTRIDGE FLOW DIVIDERS/COMBINERS



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

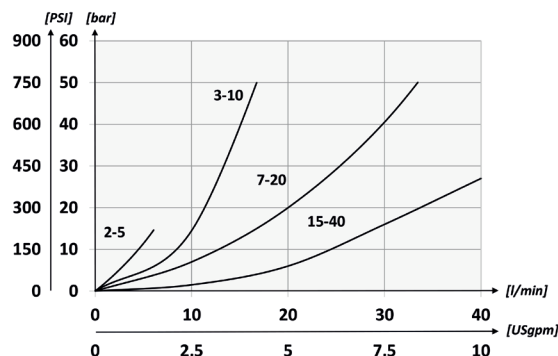


CODICE ORDINAZIONE ORDERING CODE

01	02
VDRF10	

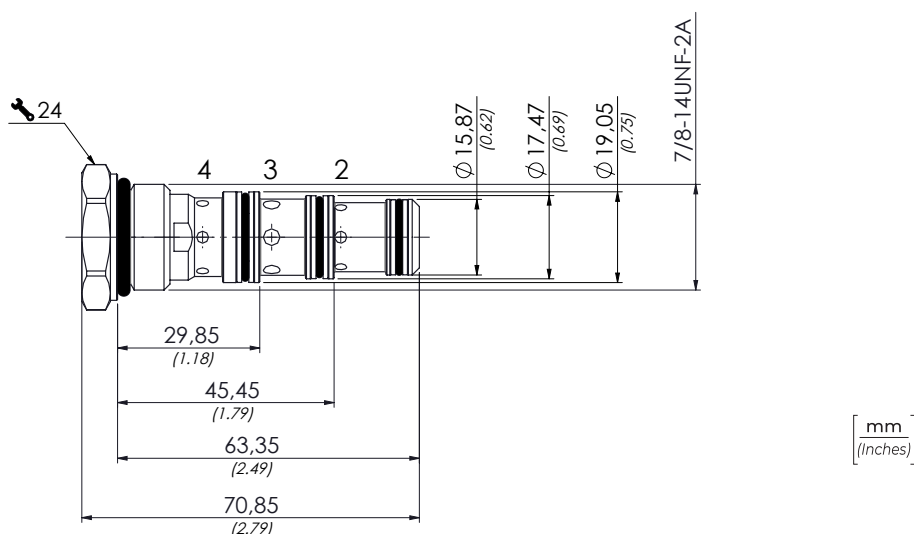
01	DIVISORE/RIUNIFICATORE DI FLUSSO A CARTUCCIA SAE 10 (SAE 10 CARTRIDGE FLOW DIVIDERS/COMBINERS)	VDRF10
02	Campo di portata in ingresso (l/min) Inlet flow range (USgpm)	2-5 (0.5-1.3) 1
		3-10 (0.8-2.6) 2
		7-20 (1.8-5.3) 3
		15-40 (4.0-10.6) 4

PERFORMANCES



DATI TECNICI / TECHNICAL DATA

Olío 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 - 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
VDRF10	40 (10.6)	350 (5075)	0,12 (0.26)	30-35 (22-26)	SAE10/4

CODICE ORDINAZIONE
ORDERING CODE

01

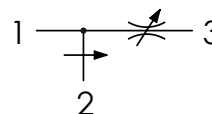
CP10

01

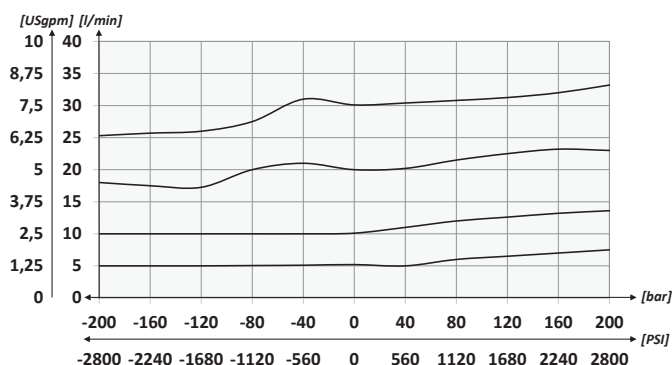
VALVOLE REGOLATRICI DI FLUSSO 3 VIE SAE 10 - COMPENSATE
SAE 10 FLOW REGULATOR 3 WAYS - PRESSURE COMPENSATED

CP10

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES

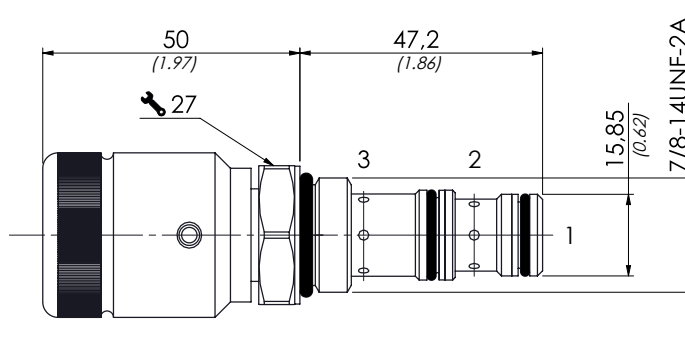


PORTATA MASSIMA (L/MIN) - MAX FLOW (USGPM)

50 l/min con 30 l/min in 3 (13,3 Usqpm with 8 Usqpm in 3)

DATI TECNICI / TECHNICAL DATA

Olivo 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 - 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)	
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min

[mm]
[inches]

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
CP10	50 (13.26)	350 (5075)	0,20 (0.44)	60-70 (45-52)	SAE10/3



LA VALVOLA A COMANDO MANUALE VIENE FORNITA
CON LEVA DI AZIONAMENTO L=190 mm

THE MANUAL OPERATED RELEASE VALVE
IS SUPPLIED WITH ACTING LEVER 7,4 inch LENGHT

CODICE ORDINAZIONE ORDERING CODE

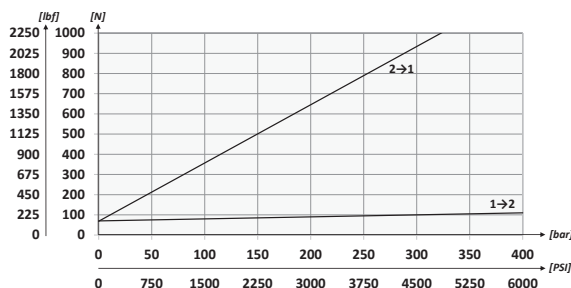
01

02

CM6

01	VALVOLE A COMANDO MANUALE (MANUAL OPERATED RELEASE VALVES)	CM6
02	Senza microinterruttore (Without micro-switch)	0
	Con micro microinterruttore (With micro-switch)	M

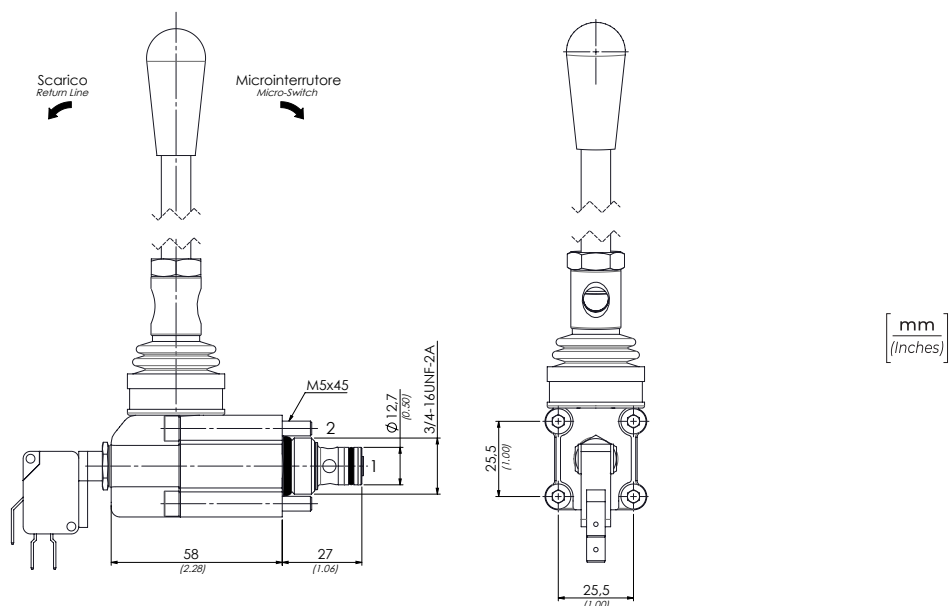
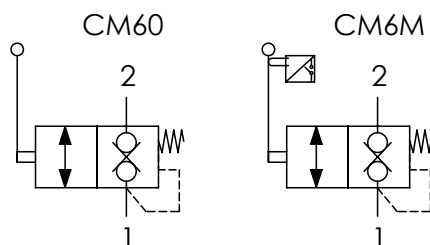
PERFORMANCES



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 - 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)	
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbf ft	CAVITÀ CAVITY
CM6	25 (6.6)	320 (4640)	0,41 (0,90)	25-30 (19-22)	SAE8/2



LA POMPA VIENE FORNITA CON LEVA DI AZIONAMENTO L=270 mm
THE PUMP IS SUPPLIED WITH ACTING LEVER 10,5 inch LENGHT

DATI TECNICI / TECHNICAL DATA

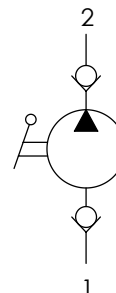
Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm ² /s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente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

CODICE ORDINAZIONE ORDERING CODE

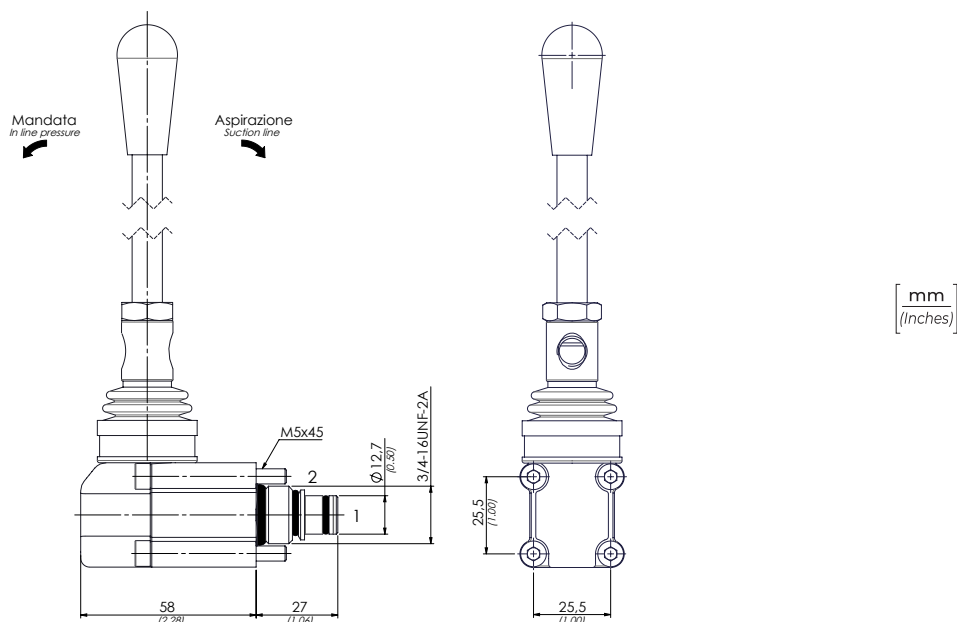
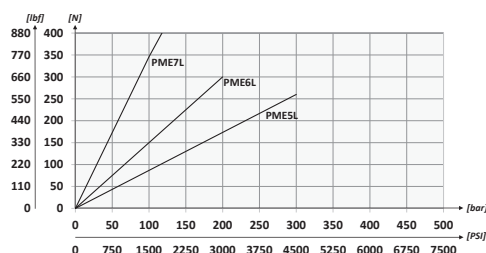
01	02	03
PME		L

01	POMPE A MANO (CARTRIDGE HAND PUMPS)	PME
02	Cilindrata (cm ³) Displacement (in ³)	05 06 07
03	Leva (Hand lever)	L

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	CILINDRATA (cm ³) DISPLACEMENT (in ³)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	CAVITÀ CAVITY
PME5L	1 (0.06)	300 (4350)	0,46 (1.01)	25-30 (19-22)	SAE8/2
PME6L	2 (0.12)	200 (2900)			
PME7L	3 (0.18)	120 (1740)			

PME10

POMPE A MANO SAE 10 SAE 10 CARTRIDGE HAND PUMPS



LA POMPA VIENE FORNITA CON LEVA DI AZIONAMENTO L=500 mm
THE PUMP IS SUPPLIED WITH ACTING LEVER 19,6 inch LENGHT

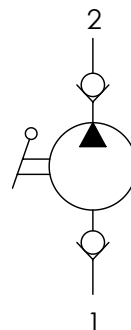
CODICE ORDINAZIONE
ORDERING CODE

01

PME10

01	POMPE A MANO (CARTRIDGE HAND PUMPS)	PME10
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SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

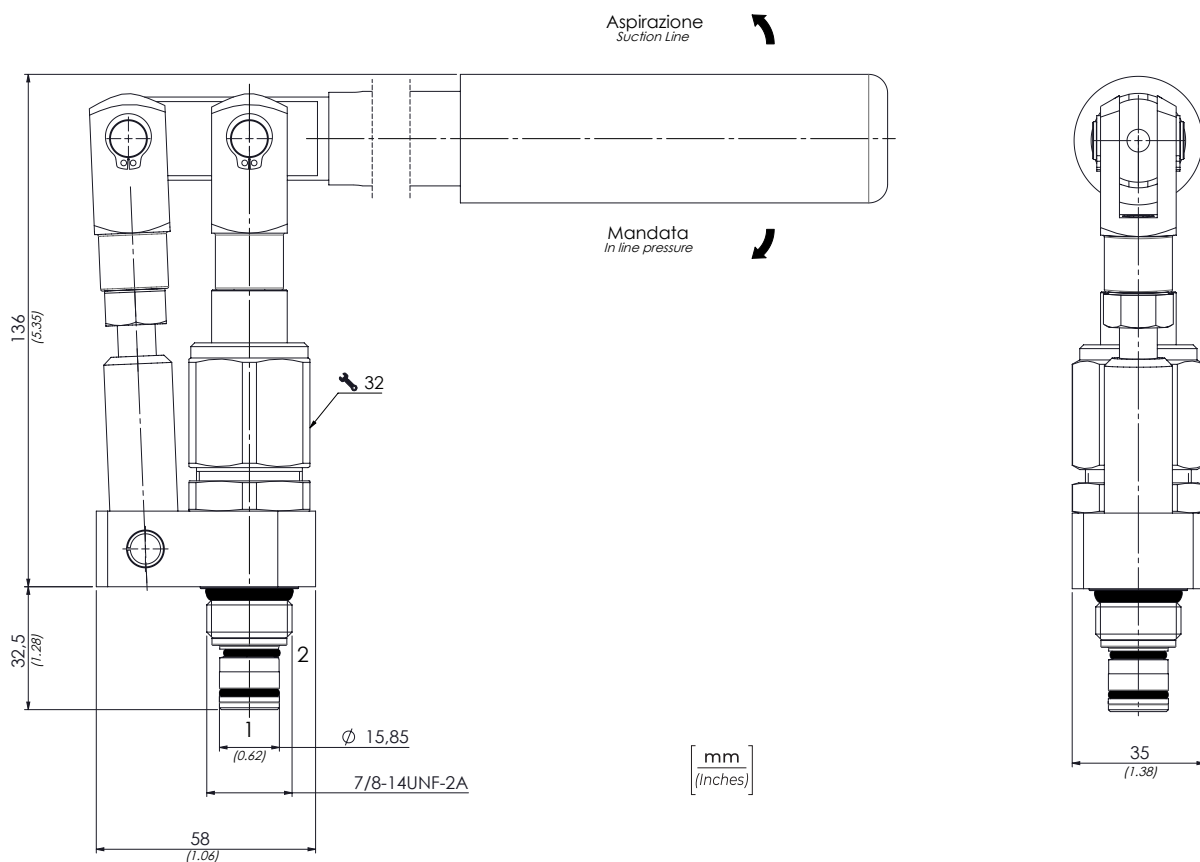


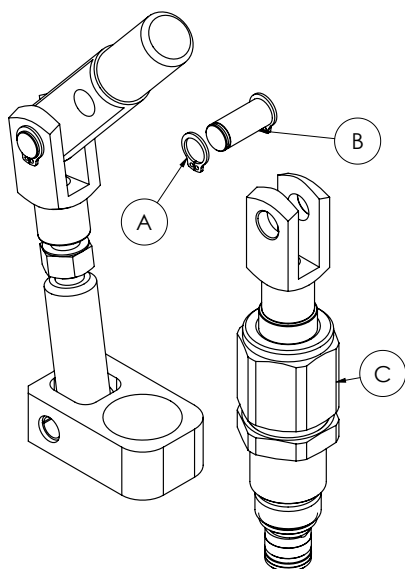
DATI TECNICI / TECHNICAL DATA

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 - 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	CILINDRATA (cm³) DISPLACEMENT (in³)	PRESSIONE MAX MAX PRESSURE bar-PSI	PESO APPROX APPROX WEIGHT kg-lbt	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY
PME10	10 (0.6)	200 (2900)	1,9 (4.20)	41-47 (30-35)	SAE10/2

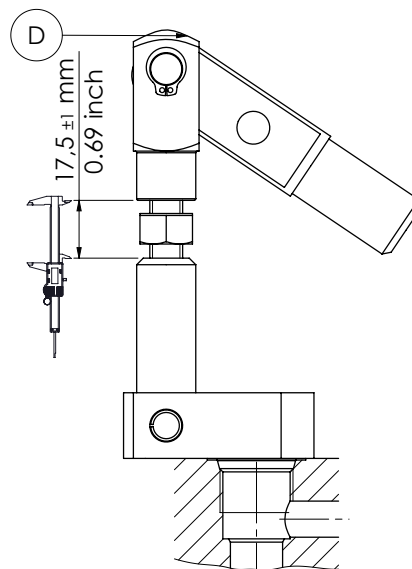




1

Smontare l'anello di arresto (A), sfilare la spina (B), togliere la valvola (C).

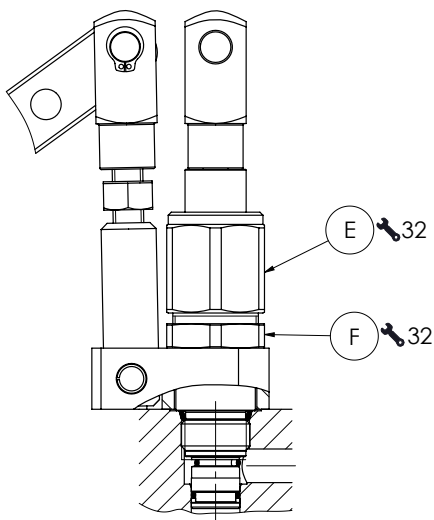
Disassemble the snap ring (A), get out the pin (B), remove the valve (C).



2

Posizionare la forcella (D) alla misura indicata; avvicinare il leverismo alla cavità della valvola.

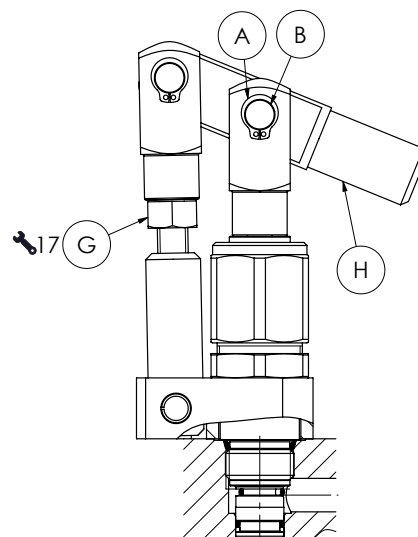
Position the fork (D) at shown dimension; put the lever kit close to the valve cavity.



3

Avvitare la cartuccia (E) nella cavità (41-47 Nm); stringere la ghiera (F) (41-47 Nm).

Screw the cartridge (E) in the cavity (30-35 lbft); tighten the lock nut (F) (30-35 lbft).



4

Posizionare la leva (H) verso il basso; montare la spina (B) e l'anello di arresto (A); serrare il dado (G) (33-53 Nm).

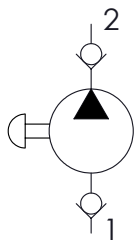
Place the lever (H) downward; assemble the pin (B) and the snap ring (A); tighten the nut (G) (45-72 lbft).

PME5P

POMPE A MANO SAE 8
SAE 8 CARTRIDGE HAND PUMPS



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



CODICE ORDINAZIONE ORDERING CODE

01

PME5P

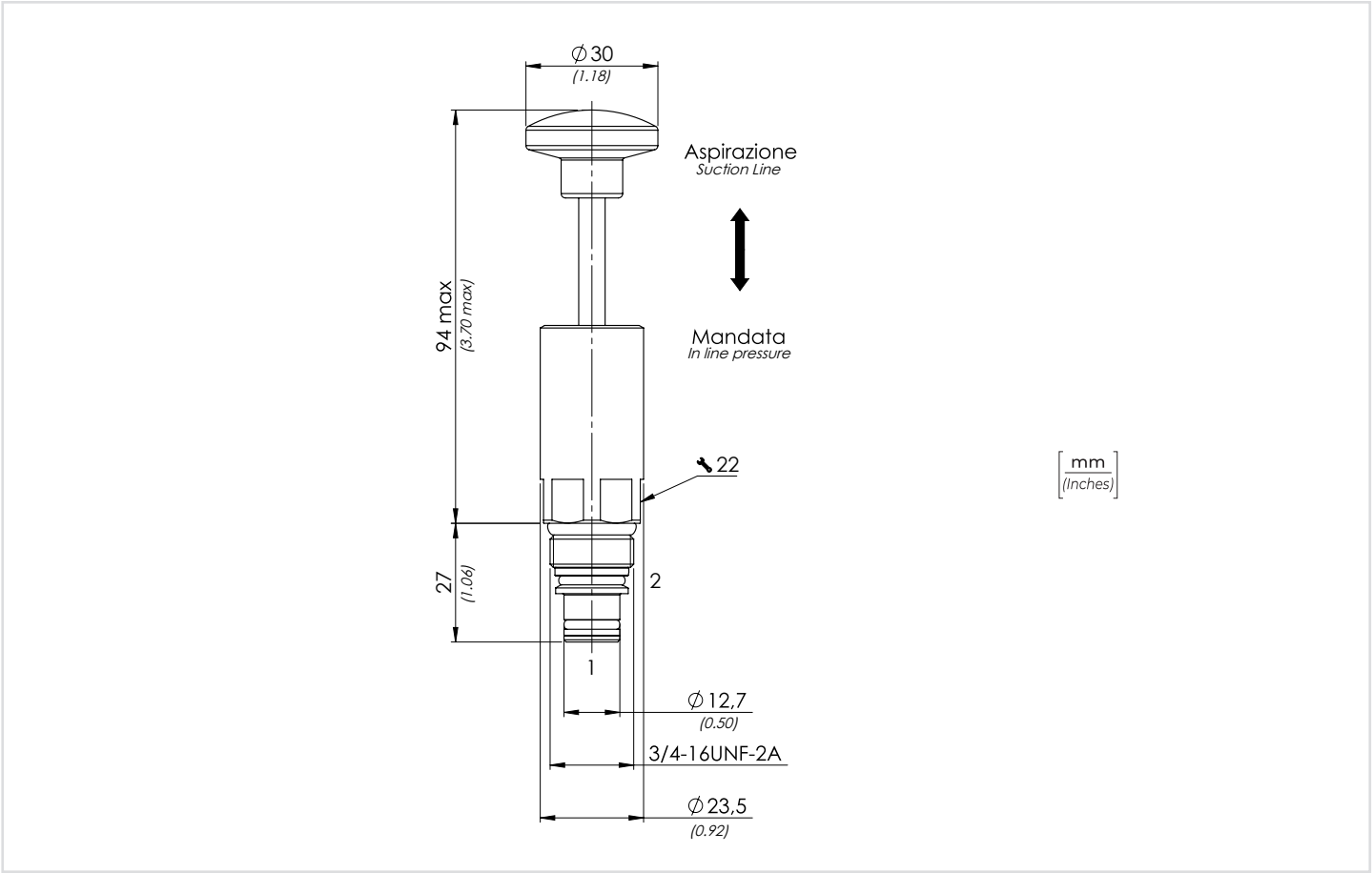
01	POMPE A MANO (CARTRIDGE HAND PUMPS)	PME5P
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DATI TECNICI / TECHNICAL DATA

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 - 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	CILINDRATA (cm³) DISPLACEMENT (in³)	PRESSIONE MAX MAX PRESSURE bar-PSI	PESO APPROX APPROX WEIGHT kg-lbt	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY
PME5P	1 (0.06)	50 (725)	0,2 (0.44)	34-41 (25-30)	SAE8/2



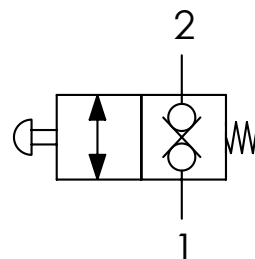


CODICE ORDINAZIONE ORDERING CODE

01	02
VEM	

01	VALVOLE DI EMERGENZA MANUALE (MANUAL EMERGENCY VALVES)		VEM
02	DIMENSIONE (SIZE)	3/4-16UNF	6
		7/8-14UNF	10

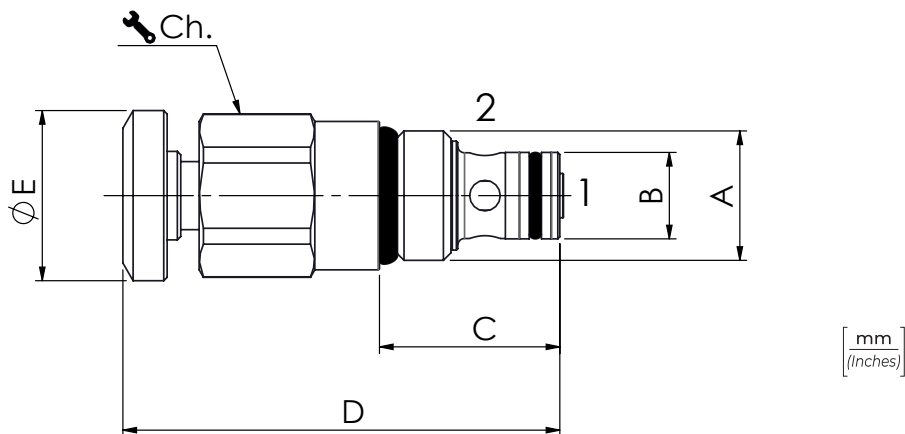
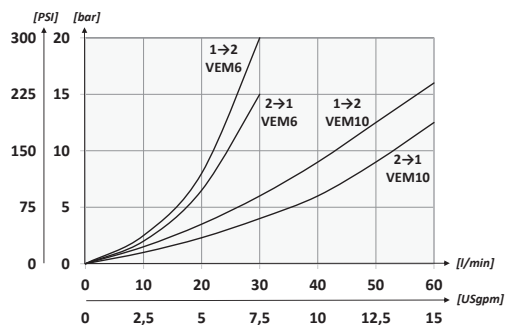
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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 - 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)			
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min		

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	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	Cavità Cavity
VEM6	3/4-16UNF-2A	30 (7.9)	320 (4640)	12,7 (0.5)	26,5 (1.04)	35 (1.38)	25 (0.98)	22	0,12 (0.27)	25-30 (19-22)	SAE8/2
VEM10	7/8-14UNF-2A	50 (13.2)		15,80 (0.62)	32,5 (1.28)	43,5 (1.71)	29 (1.14)	27	0,20 (0.44)	41-47 (30-35)	SAE10/2

VPN6

VALVOLE PNEUMATICHE SAE 8 SAE 8 PNEUMATIC VALVES



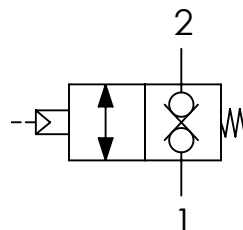
CODICE ORDINAZIONE
ORDERING CODE

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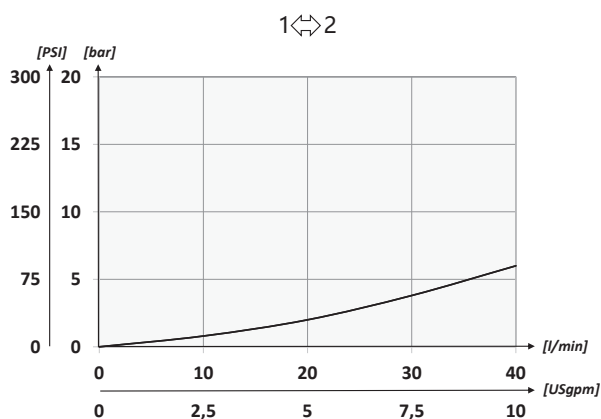
VPN6

01	VALVOLE PNEUMATICHE SAE 8 (SAE 8 PNEUMATIC VALVES)	VPN6
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SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

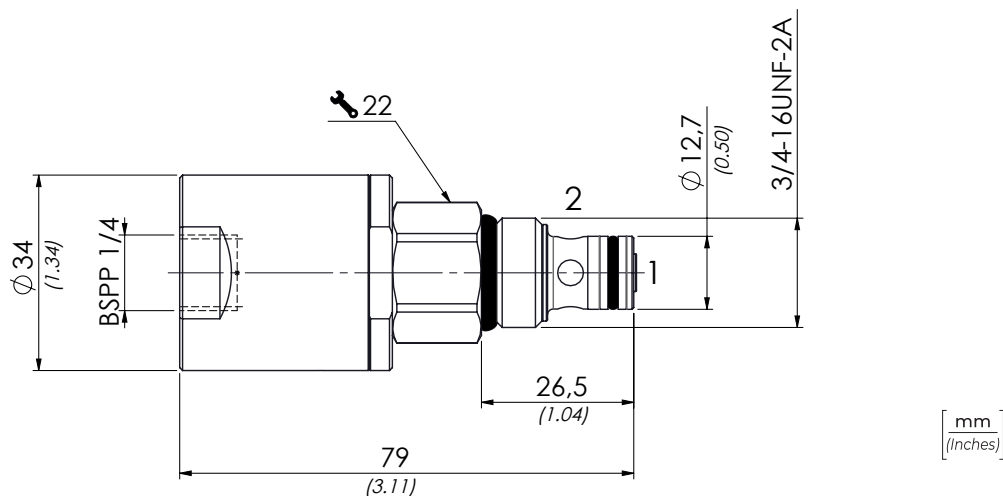


PERFORMANCES



DATI TECNICI / TECHNICAL DATA

Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 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 - 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)	
Trafilamento massimo Max leakage	0,25 cm ³ /min - 5 gocce/min 0,015 in ³ /min - 5 drops/min

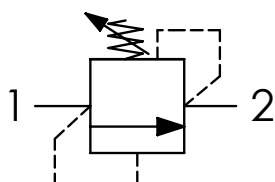


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

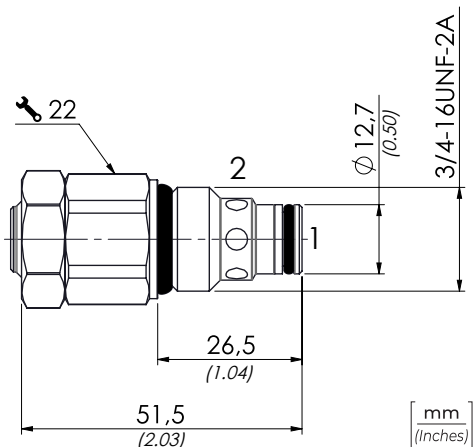
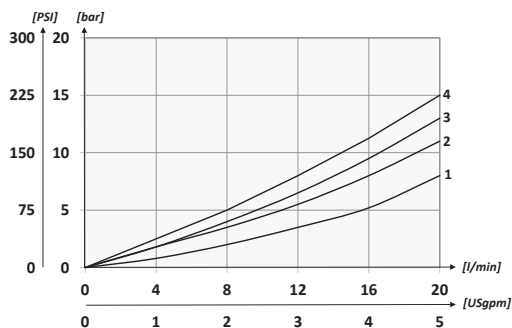
TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lbt)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY	PRESSIONE DI PILOTAGGIO PILOT PRESSURE bar-PSI
VPN6	30 (7.9)	350 (5075)	0,16 (0.35)	25-30 (19-22)	SAE8/2	4/15 (58/218)



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



CODICE ORDINAZIONE ORDERING CODE

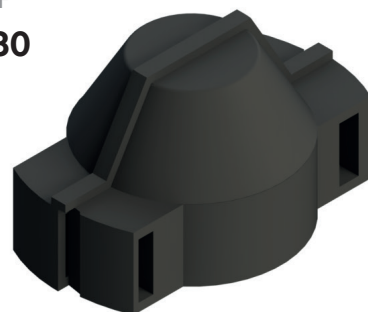
01	02	03	04
VMD1	C		N

01	VALVOLE LIMITATRICI DI PRESSIONE DIRETTE SAE 8 (SAE8 DIRECT ACTING PRESSURE RELIEF VALVES)		VMD1
02	REGOLAZIONE (SETTING)	Chiave (Key)	C
03	MOLLA (SPRING) 10/40 bar (145/580PSI) max	20 bar/al giro (290 PSI/turn)	1
	MOLLA (SPRING) 20/110 bar (290/1595 PSI) max	40 bar/al giro (580 PSI/turn)	2
	MOLLA (SPRING) 30/210 bar (435/3045 PSI) max	70 bar/al giro (1015 PSI/turn)	3
	MOLLA (SPRING) 40/350 bar (580/5075 PSI) max	130 bar/al giro (1885 PSI/turn)	4
04	Versione (Version)		N

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 - 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)			

OPTION SAFETY CAP Cod. 12000380

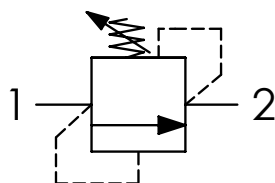


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	CAVITÀ CAVITY
VMD1N	20 (5.3)	350 (5075)	0,11 (0.24)	25-30 (19-22)	SAE8/2



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



CODICE ORDINAZIONE ORDERING CODE

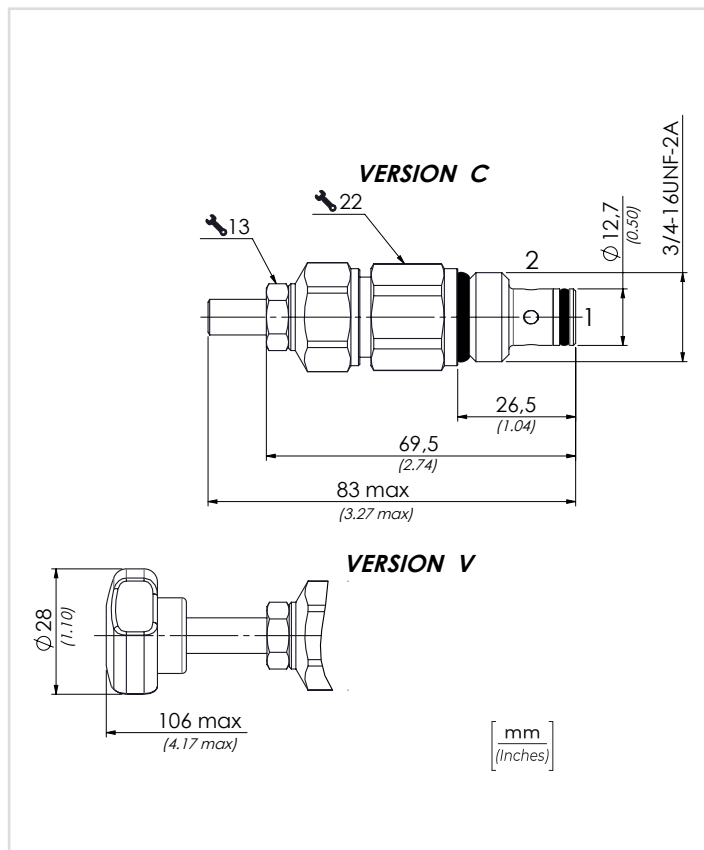
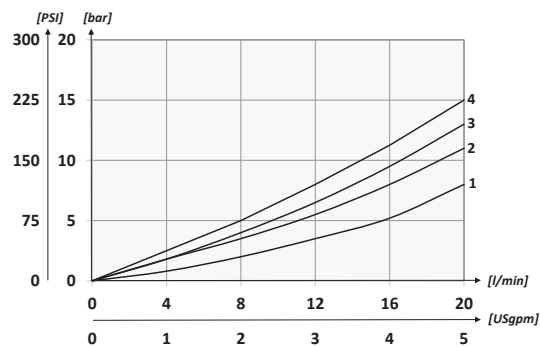
01	02	03
VMD10		

01	VALVOLE LIMITATRICI DI PRESSIONE DIRETTE SAE 8 (SAE8 DIRECT ACTING PRESSURE RELIEF VALVES)			VMD10
02	REGOLAZIONE (SETTING)	Chiave (Hex socket screw)	Opzione: Tappo piombatura (Optional: Tamper proof cap) 81300037	C
		Volantino (Handknob) Tipo (Type) 81300109		V
03	MOLLA (SPRING) 10/40 bar (145/580 PSI) max	12 bar/al giro (174 PSI/turn)		1
	MOLLA (SPRING) 20/110 bar (290/1595 PSI) max	37 bar/al giro (537 PSI/turn)		2
	MOLLA (SPRING) 30/210 bar (435/3045 PSI) max	67 bar/al giro (972 PSI/turn)		3
	MOLLA (SPRING) 40/350 bar (580/5075 PSI) max	131 bar/al giro (1900 PSI/turn)		4

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 - 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)	

PERFORMANCES

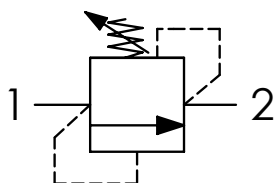


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

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
VMD10	20 (5.3)	350 (5075)	0,14 (0.30)	25-30 (19-22)	SAE8/2



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

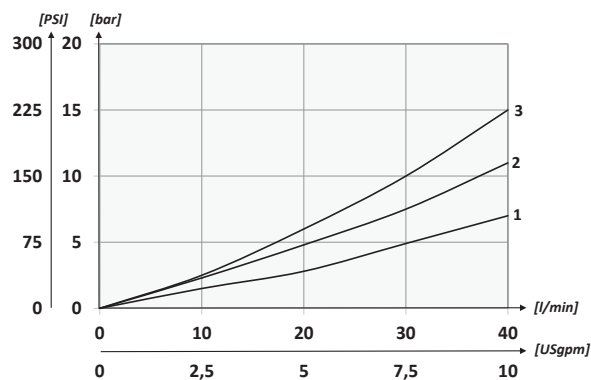


CODICE ORDINAZIONE ORDERING CODE

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
		Volantino (Handknob) Tipo (Type) 81300023	C V
03	MOLLA (SPRING) 10/90 bar (145/1305 PSI) max	20 bar/al giro (290 PSI/turn)	1
	MOLLA (SPRING) 20/210 bar (290/3045 PSI) max	48 bar/al giro (696 PSI/turn)	2
	MOLLA (SPRING) 70/350 bar (1015/5075 PSI) max	85 bar/al giro (1233 PSI/turn)	3

PERFORMANCES



DATI TECNICI / TECHNICAL DATA

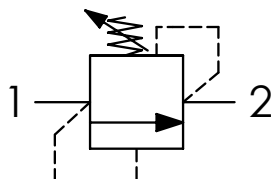
Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)		
Viscosità olio - Oil viscosity	15-250 mm²/s (15 to 250 cSt)		
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14		
Temperatura dell'olio - Oil temperature	-20°C +80°C	-4°F	+176°F
Temperatura ambiente - 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 (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lb ft	CAVITÀ CAVITY
VMD8	40 (10.6)	350 (5075)	0,17 (0.37)	41-47 (30-35)	SAE10/2



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

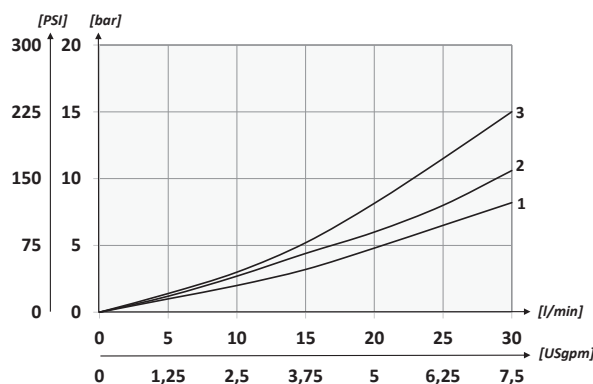


CODICE ORDINAZIONE ORDERING CODE

01	02	03
VMD30		

01	VALVOLE LIMITATRICI DI PRESSIONE DIRETTE M20X1,5 (M20X1,5 DIRECT ACTING PRESSURE RELIEF VALVES)		VMD30
02	REGOLAZIONE (SETTING)	Chiave (Hex socket screw)	Opzione: Tappo piombatura (Optional: Tamper proof cap) 81300095
		Volantino (Handknob) Tipo (Type) 81300109	C V
03	MOLLA (SPRING) 10/90 bar (145/1305 PSI) max	14 bar/al giro (203 PSI/turn)	1
	MOLLA (SPRING) 20/210 bar (290/3045 PSI) max	39 bar/al giro (566 PSI/turn)	2
	MOLLA (SPRING) 70/350 bar (1015/5075 PSI) max	84 bar/al giro (1218 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 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 - 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

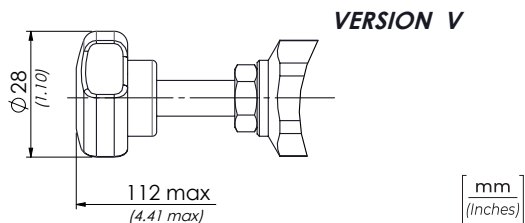
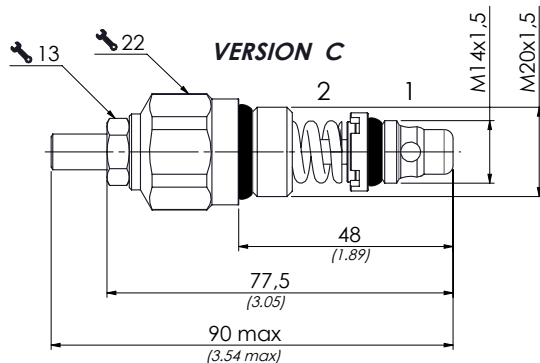
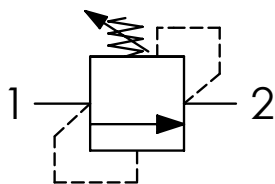
TIPO TYPE	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PESO APPROX (kg) APPROX WEIGHT (lbt)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY
VMD30	30 (7.9)	320 (4640)	0,16 (0.35)	25-30 (19-22)	C2015/30

VMD40S

VALVOLE LIMITATRICI DI PRESSIONE DIRETTE M20X1,5
M20X1,5 DIRECT ACTING PRESSURE RELIEF VALVES



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

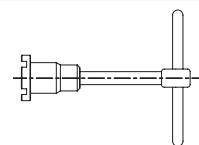


CODICE ORDINAZIONE ORDERING CODE

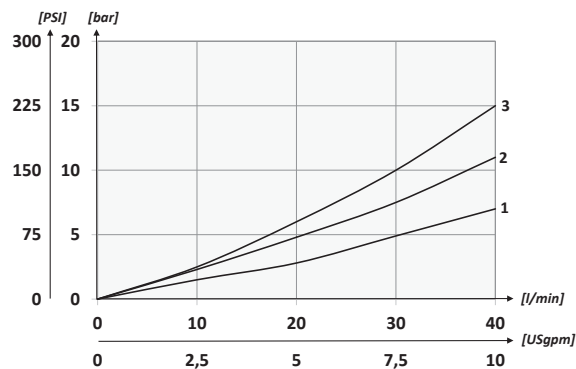
01	02	03
VMD40S		

01	VALVOLE LIMITATRICI DI PRESSIONE DIRETTE M20X1,5 (M20X1,5 DIRECT ACTING PRESSURE RELIEF VALVES)		VMD40S
02	REGOLAZIONE (SETTING)	Chiave (Hex socket screw)	Opzione: Tappo piombatura (Optional: Tamper proof cap) 81300037
		Volantino (Handknob) Tipo (Type) 81300109	C V
03	MOLLA (SPRING) 10/90 bar (145/1305 PSI) max	12 bar/al giro (174 PSI/turn)	1
	MOLLA (SPRING) 20/210 bar (290/3045 PSI) max	33 bar/al giro (479 PSI/turn)	2
	MOLLA (SPRING) 70/350 bar (1015/5075 PSI) max	70 bar/al giro (1015 PSI/turn)	3

CHIAVE (TOOL)
61700008



PERFORMANCES



DATI TECNICI / TECHNICAL DATA

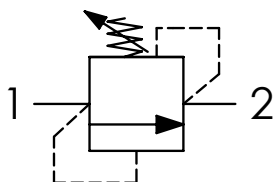
Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm²/s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - 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 (lb)	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY
VMD40S	40 (10.6)	350 (5075)	0,13 (0.29)	M20 40/45 (30-34)	C2015/1415/2
				M14 10/15 (7-11)	



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

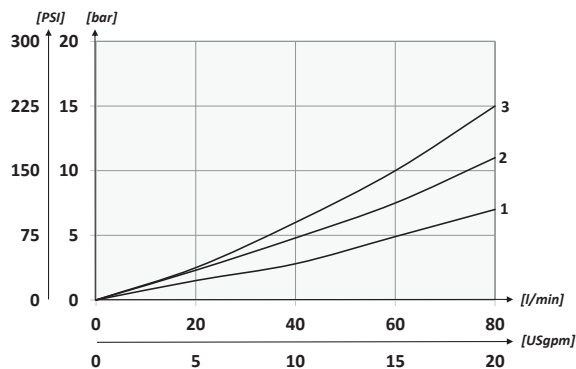


CODICE ORDINAZIONE ORDERING CODE

01	02	03
VMD90		

01	VALVOLE LIMITATRICI DI PRESSIONE DIRETTE M24X1,5 (M24X1,5 DIRECT ACTING PRESSURE RELIEF VALVE)		VMD90
02	REGOLAZIONE (SETTING)	Chiave (Hex socket screw)	Opzione: Tappo piombatura (Optional: Tamper proof cap) 81300095
		Volantino (Handknob) Tipo (Type) 81300023	C
03	MOLLA (SPRING) 10/90 bar (145/1305 PSI) max	26 bar/al giro (377 PSI/turn)	1
	MOLLA (SPRING) 20/250 bar (290/3625 PSI) max	41 bar/al giro (595 PSI/turn)	2
	MOLLA (SPRING) 50/350 bar (725/5075 PSI) max	91 bar/al giro (1320 PSI/turn)	3

PERFORMANCES



DATI TECNICI / TECHNICAL DATA

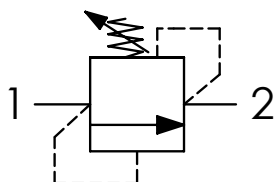
Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm²/s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente - 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 (lb)	CILINDRATA (cm³) DISPLACEMENT (in³)	CAVITÀ CAVITY
VMD90	80 (21.1)	350 (5075)	0,25 (0.55)	60-65 (45-49)	C2415/2

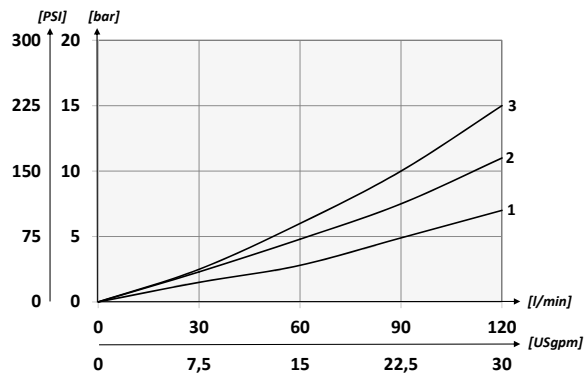


SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



01		02	03
CODICE ORDINAZIONE ORDERING CODE		VMD120	
01	VALVOLE LIMITATRICI DI PRESSIONE DIRETTE M28X1,5 (M28X1,5 DIRECT ACTING PRESSURE RELIEF VALVE)		VMD120
02	REGOLAZIONE (SETTING)	Chiave (Hex socket screw)	Opzione: Tappo piombatura (Optional: Tamper proof cap) 81300095
		Volantino (Handknob) Tipo (Type) 81300023	C
03	MOLLA (SPRING) 10/100 bar (145/1450 PSI) max	21 bar/al giro (305 PSI/turn)	1
	MOLLA (SPRING) 20/250 bar (290/3625 PSI) max	48 bar/al giro (696 PSI/turn)	2
	Molla (Spring) 40/350 bar (580/5075 PSI) max	55 bar/al giro (798 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 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 - 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
VMD120	120 (31.7)	350 (5075)	0,32 (0.70)	60-65 (45-49)	C2815/2

VPR VALVOLE DI BLOCCO PILOTATE A SEMPLICE EFFETTO

SINGLE ACTING PILOT CHECK VALVES

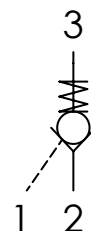


CODICE ORDINAZIONE ORDERING CODE

01	02
VPR	

01	VALVOLE DI BLOCCO PILOTATE A SEMPLICE EFFETTO (SINGLE ACTING PILOT CHECK VALVES)	VPR
02	DIMENSIONE (SIZE)	3/4-16UNF
		7/8-14UNF

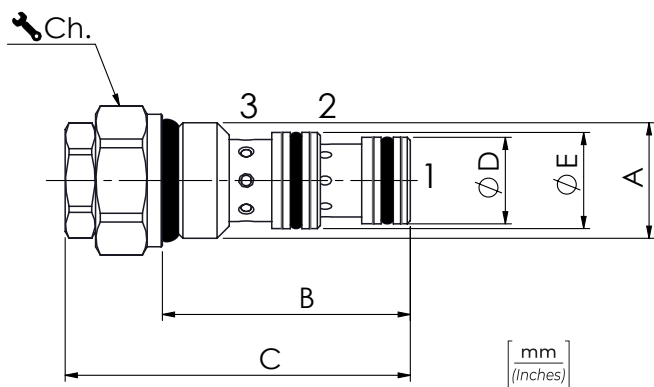
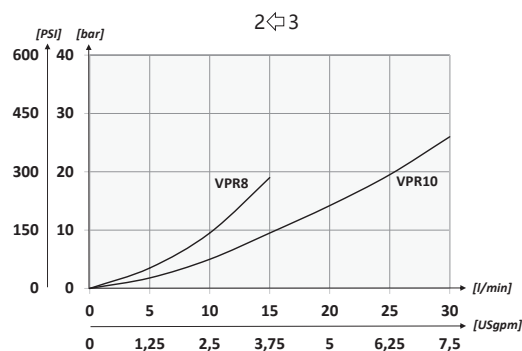
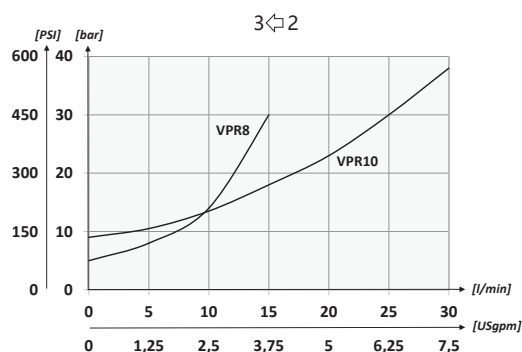
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

Olivo 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 - 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)	

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	PESO APPROX APPROX WEIGHT kg-lbt	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	RAPPORTO DI PILOTAGGIO PILOT RATIO	CAVITÀ CAVITY	Ch. Key
VPR08	3/4-16UNF	15 (4)	350 (5075)	41 (1.61)	57 (2.24)	14,2 (0.56)	15,8 (0.62)	0,09 (0.19)	25-30 (19-22)	1:2.5	SAE8/3	22
VPR10	7/8 - 14UNF	30 (7.9)		47 (1.85)	59 (2.32)	15,8 (0.62)	17,4 (0.69)	0,11 (0.25)	41-47 (30-35)	1:3	SAE10/3	27


CODICE ORDINAZIONE
ORDERING CODE

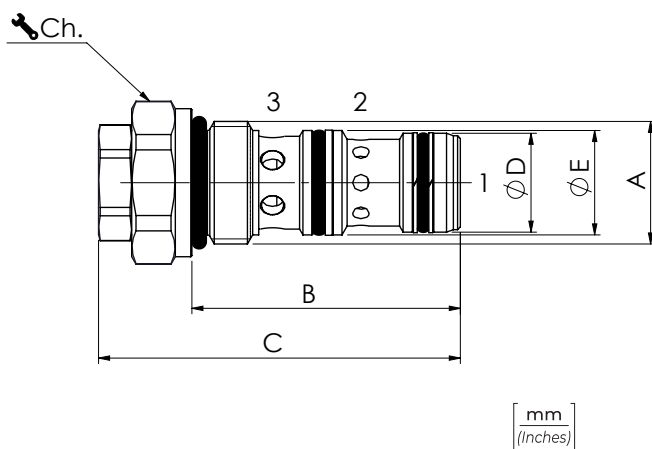
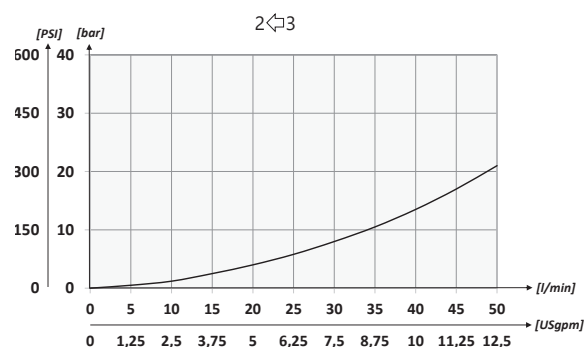
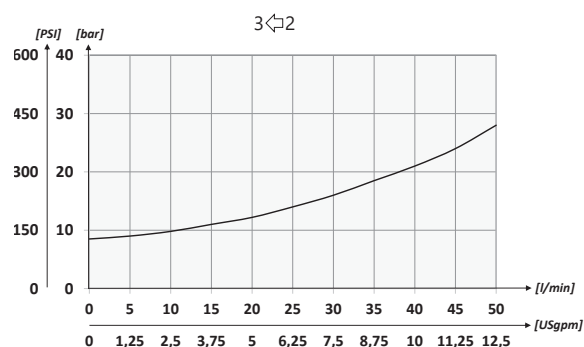
01	02	03	04
VPR	22	SP	

01	VALVOLE DI BLOCCO PILOTATE M22X1,5 A SEMPLICE EFFETTO (M22X1,5 SINGLE ACTING PILOT CHECK VALVES)		VPR
02	DIMENSIONE (SIZE)	M22x1,5	22
03	TENUTA (SEALING)	Tenuta ad otturatore (Poppet sealing)	SP
04	MOLLA (SPRING)	5 bar (72,5 PSI)	5
		8 bar (116 PSI)	8

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 - 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)			

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	PESO APPROX APPROX WEIGHT kg-lbt	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	RAPPORTO DI PILOTAGGIO PILOT RATIO	CAVITÀ CAVITY	Ch. Key
VPR22	M22x1,5	50 (13,3)	350 (5075)	48,6 (1.91)	65,5 (2.58)	17,9 (0.70)	18,9 (0.74)	0,14 (0.30)	44-50 (32-37)	1:2.5	C2215/3	27

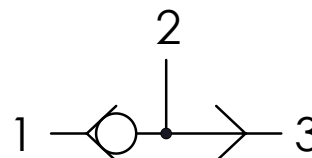


CODICE ORDINAZIONE
ORDERING CODE

01	02
SV	

01	VALVOLE SELETTRICI (LOAD SHUTTLE - BALL VALVES)	SV
02	DIMENSIONE (SIZE)	3/4-16UNF 08
		7/8-14UNF 10

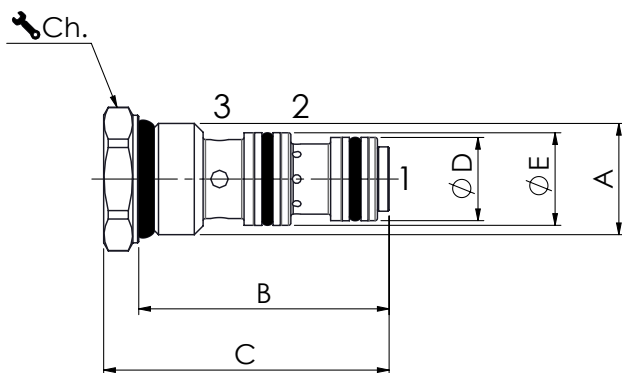
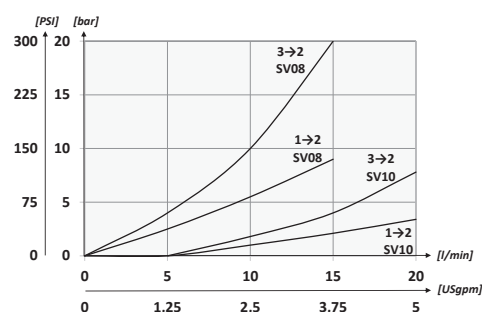
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

Olivo 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 - 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)	

PERFORMANCES



[mm]
[Inches]

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	U	V	D	E	PESO APPROX APPROXWEIGHT kg-lbt	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	CAVITÀ CAVITY	Ch. Key
SV08	3/4-16UNF	15 (4)	350 (5075)	41 (1.61)	49 (1.93)	14,2 (0.56)	15,8 (0.62)	0,07 (0.15)	25-30 (19-22)	SAE8/3	22
SV10	7/8 - 14UNF	30 (7.9)		47 (1.85)	55 (2.17)	15,8 (0.62)	17,4 (0.69)	0,10 (0.22)	41-47 (30-35)	SAE10/3	27