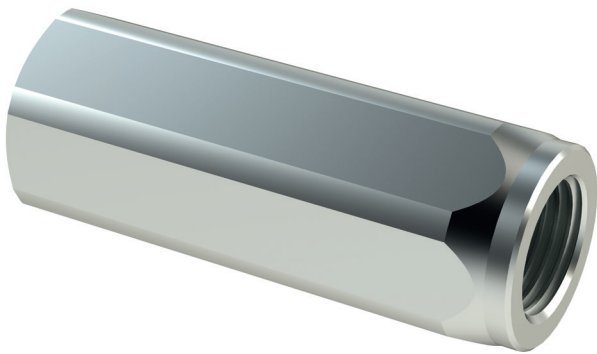
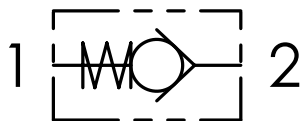


VUR-BSPP VALVOLE UNIDIREZIONALI A COLONNETTA F/F

F/F CHECK HOUSING VALVES

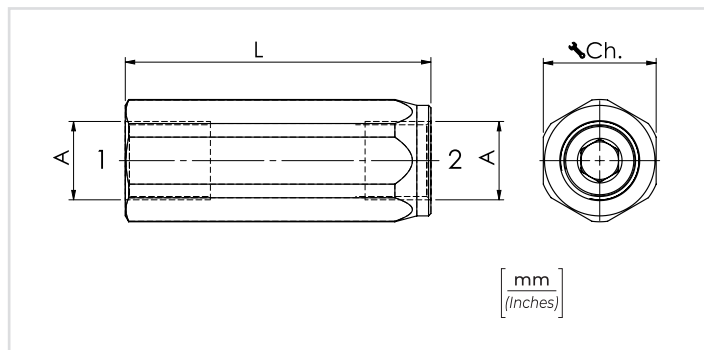


SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

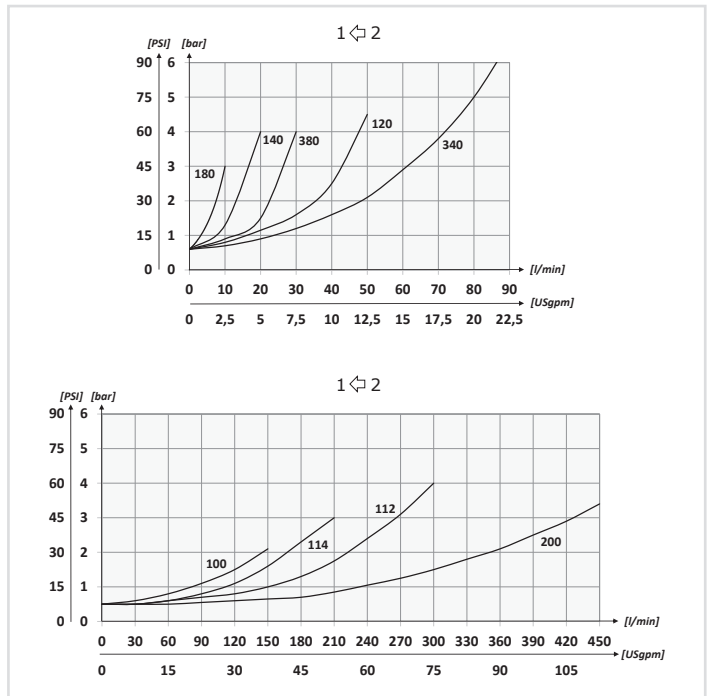
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	L	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
VUR180	BSPP 1/8	5 (1.3)	400 (5800)	47 (1.85)	14	0,05 (0.11)
VUR140	BSPP 1/4	15 (4.0)		55 (2.17)	19	0,10 (0.22)
VUR380	BSPP 3/8	30 (7.9)		65 (2.56)	24	0,18 (0.40)
VUR120	BSPP 1/2	50 (13.2)		75 (2.95)	27	0,23 (0.50)
VUR340	BSPP 3/4	90 (23.8)		86,5 (3.41)	35	0,45 (1)
VUR100	BSPP 1	150 (39.6)	350 (5075)	110 (4.33)	41	0,73 (1.6)
VUR114	BSPP 1-1/4	200 (52.8)		123 (4.84)	54	1,5 (3.3)
VUR112	BSPP 1-1/2	300 (79.2)		138 (5.43)	59	1,85 (4.07)
VUR200	BSPP 2	430 (113.5)	250 (3625)	145 (5.71)	69	2,7 (6)

CODICE ORDINAZIONE ORDERING CODE

01	02	03	04
VUR			

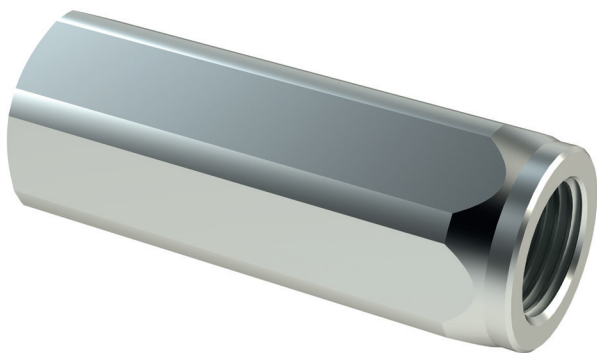
01	VALVOLE UNIDIREZIONALI A COLONNETTA F/F (F/F CHECK HOUSING VALVES)		VUR
02	DIMENSIONE (SIZE)	BSPP 1/8	180
		BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
		BSPP 1-1/4	114
		BSPP 1-1/2	112
		BSPP 2	200
03	TENUTA (SEALING)	Tenuta a sfera solo per VUR180/140/380/120 e molla 1 bar (Ball sealing only for VUR180/140/380/120 and spring 1 bar)	SF
		Tenuta a cono (Poppet sealing)	SP
04	MOLLA (SPRING)	1 bar Standard (14.5 PSI)	1
		3 bar (43.5 PSI)	3
		4,5 bar (65.25 PSI)	4,5
		6 bar (87 PSI)	6
		10 bar (145 PSI) Solo versione 120 (Only 120 version)	10

PERFORMANCES

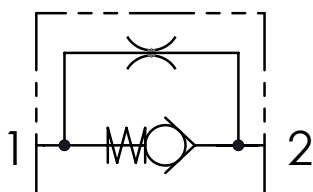


VUR-H

VALVOLE UNIDIREZIONALI A COLONNETTA F/F CON FORO DI STROZZATURA
F/F CHECK HOUSING VALVES WITH RESTRICTION HOLE

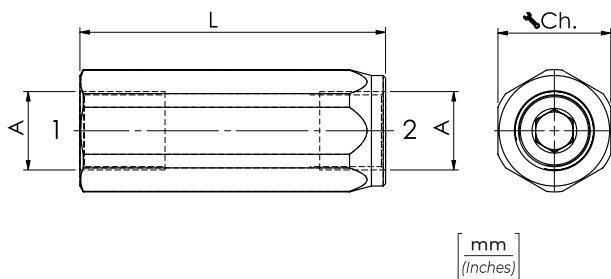


SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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)	

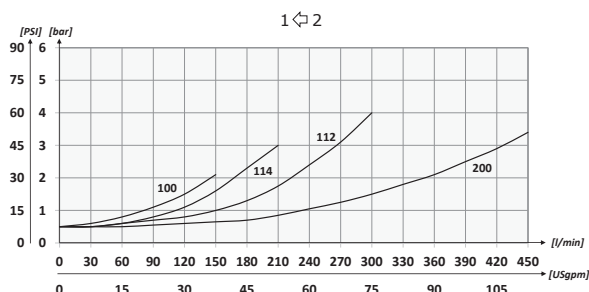
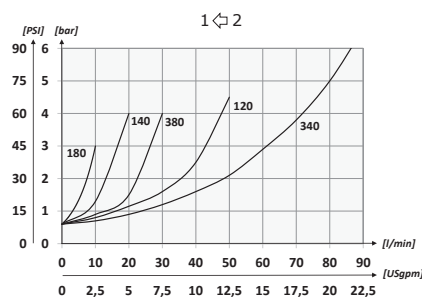


CODICE ORDINAZIONE ORDERING CODE

01	02	03	04	05
VUR		SP		

01	VALVOLE UNIDIREZIONALI F/F A COLONNETTA CON FORO DI STROZZATURA (F/F CHECK HOUSING VALVES WITH RESTRICTION HOLE)	VUR
02	DIMENSIONE (SIZE)	BSPP 1/8 180
		BSPP 1/4 140
		BSPP 3/8 380
		BSPP 1/2 120
		BSPP 3/4 340
		BSPP 1 100
		BSPP 1-1/4 114
		BSPP 1-1/2 112
		BSPP 2 200
03	TENUTA (SEALING)	Tenuta a cono (Poppet sealing) SP
04	MOLLA (SPRING)	1 bar Standard (14.5 PSI) 1
		3 bar (43.5 PSI) 3
		4,5 bar (65.25 PSI) 4,5
		6 bar (87 PSI) 6
		10 bar (145 PSI) Solo versione 120 (Only 120 version) 10
05	FORO DI STROZZATURA (RESTRICTION HOLE)	Indicare il diametro del foro. Esempio: VUR380SP1 con foro Ø 1,5 mm Cod. VUR380SP1-1,5 State the hole diameter. Example: VUR380SP1-1,5 with Ø 0,06 in hole Cod. VUR380SP1-1,5

PERFORMANCES

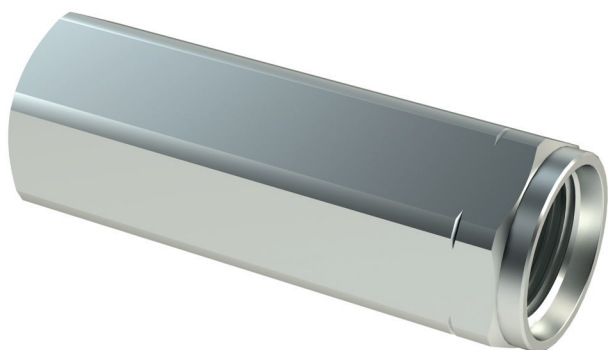


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

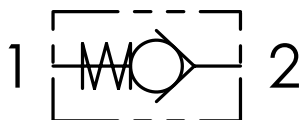
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	L	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
VUR180-H	BSPP 1/8	5 (1.3)	400 (5800)	47 (1.85)	14	0,05 (0.11)
VUR140-H	BSPP 1/4	15 (4.0)		55 (2.17)	19	0,10 (0.22)
VUR380-H	BSPP 3/8	30 (7.9)		65 (2.56)	24	0,18 (0.40)
VUR120-H	BSPP 1/2	50 (13.2)		75 (2.95)	27	0,23 (0.50)
VUR340-H	BSPP 3/4	90 (23.8)		86,5 (3.41)	35	0,45 (1)
VUR100-H	BSPP 1	150 (39.6)	350 (5075)	110 (4.33)	41	0,73 (1.6)
VUR114-H	BSPP 1-1/4	200 (52.8)		123 (4.84)	55	1,5 (3.3)
VUR112-H	BSPP 1-1/2	300 (79.2)		138 (5.43)	60	1,85 (4.07)
VUR200-H	BSPP 2	430 (113.5)	250 (3625)	145 (5.71)	70	2,7 (6)

VUR-SAE

VALVOLE UNIDIREZIONALI A COLONNETTA F/F F/F CHECK HOUSING VALVES



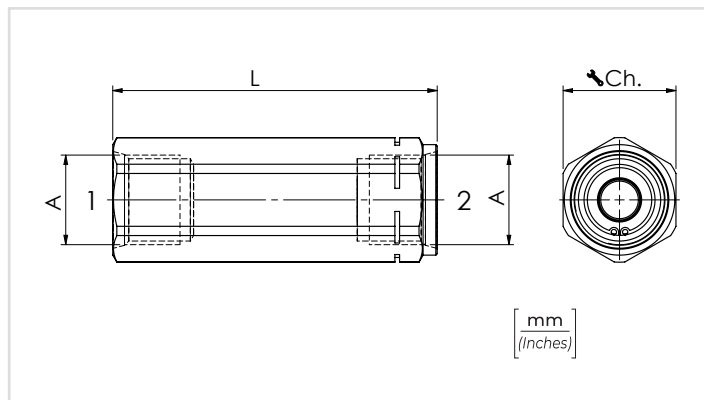
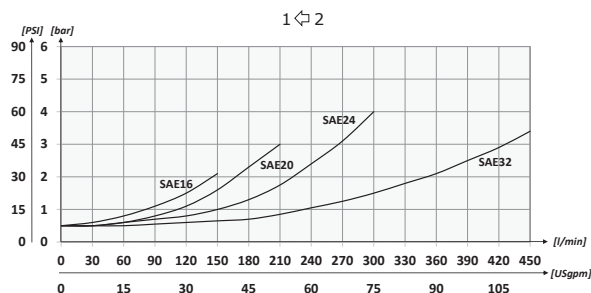
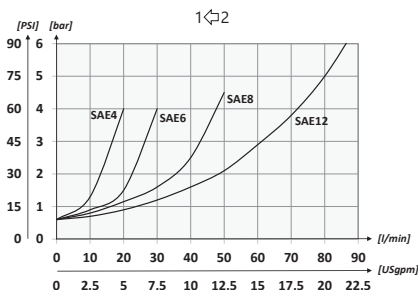
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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

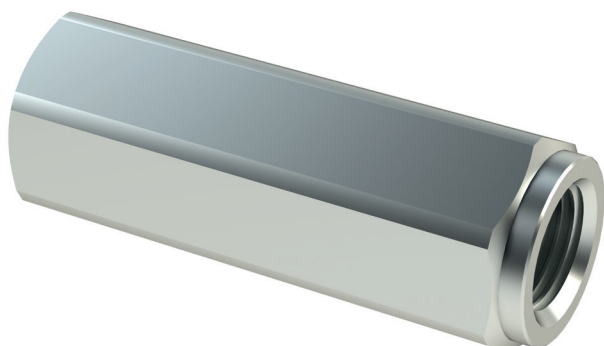


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

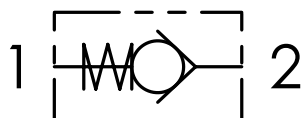
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	L	Ch.	PESO APPROX (kg) APPROX WEIGHT (lbt)
VUR4	7/16-20UNF	15 (4)	400 (5800)	55 (2.17)	19	0,11 (0.24)
VUR6	9/16-18UNF	30 (7.9)		58 (2.28)	19	0,09 (0.20)
VUR8	3/4-16UNF	50 (13.2)		69 (2.71)	24	0,18 (0.40)
VUR12	1-1/16-12UN	90 (23.8)		88,5 (3.48)	35	0,45 (1)
VUR16	1-5/16-12UN	150 (39.6)	350 (5075)	110 (4.33)	41	0,73 (1.6)
VUR20	1-5/8-12UN	200 (52.8)		120 (4.72)	54	1,5 (3.43)
VUR24	1-7/8-12UN	300 (79.2)		138 (5.43)	59	2,5 (5.5)
VUR32	2-1/2-12UN	430 (113.5)			69	2,9 (6.4)

VUR-NPTF

VALVOLE UNIDIREZIONALI A COLONNETTA F/F F/F CHECK HOUSING VALVES

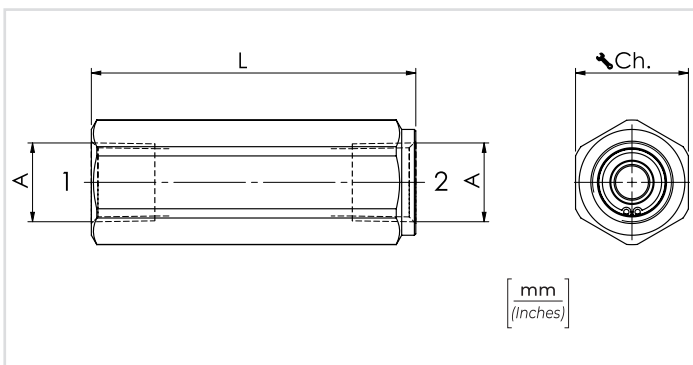


SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

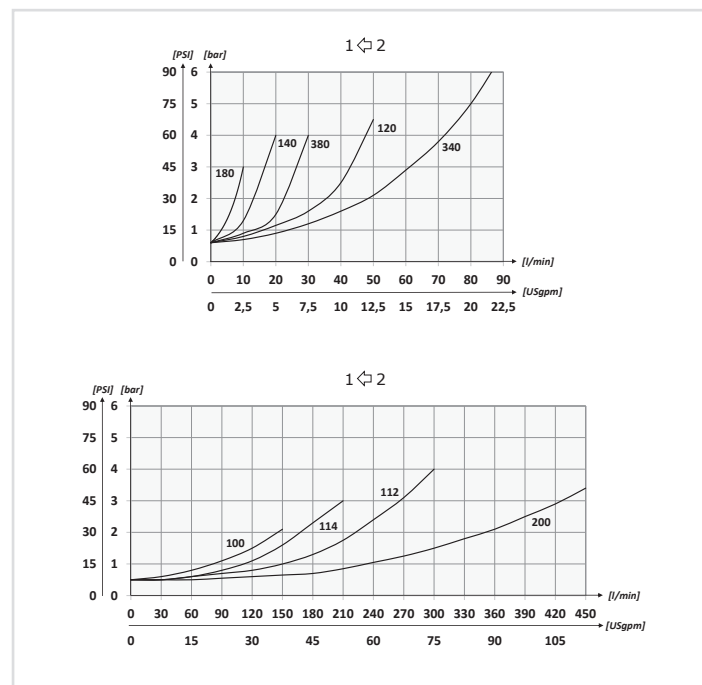
olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm ² /s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente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



CODICE ORDINAZIONE ORDERING CODE		01	02	03	04
		VUR		SP	

01	VALVOLE UNIDIREZIONALI A COLONNETTA F/F (F/F CHECK HOUSING VALVES)			VUR
02	DIMENSIONE (SIZE)	1/8 NPTF		180N
		1/4 NPTF		140N
		3/8 NPTF		380N
		1/2 NPTF		120N
		3/4 NPTF		340N
		1 NPTF		100N
		1-1/4 NPTF		114N
		1-1/2 NPTF		112N
		2 NPTF		200N
03	TENUTA (SEALING)	Tenuta a cono (Poppet sealing)		SP
04	MOLLA (SPRING)	0,5 bar Standard (7.25 PSI)		0,5
		3 bar (43.5 PSI)		3
		4,5 bar (65.25 PSI)		4,5
		6 bar (87 PSI)		6
		10 bar (145 PSI)	Solo versione 120N (Only 120N version)	10

PERFORMANCES

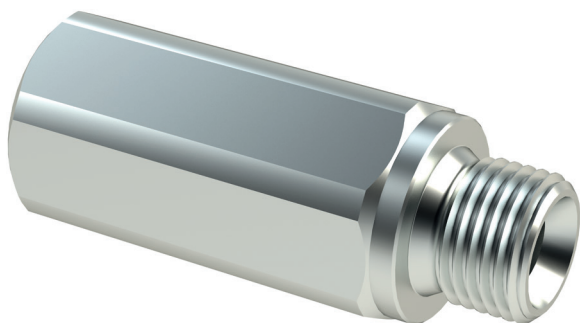


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

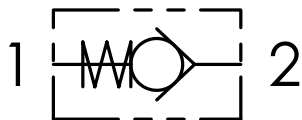
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	L	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
VUR180N	1/8 NPTF	5 (1,3)	400 (5800)	47 (1.85)	14	0,05 (0.11)
VUR140N	1/4 NPTF	15 (4)		58 (2.28)	19	0,10 (0.22)
VUR380N	3/8 NPTF	30 (7.9)		69 (2.72)	24	0,18 (0.40)
VUR120N	1/2 NPTF	50 (13.2)		75 (2.95)	27	0,23 (0.50)
VUR340N	3/4 NPTF	90 (23.8)		88,5 (3.48)	35	0,45 (1)
VUR100N	1 NPTF	150 (39.6)	350 (5075)	110 (4.33)	41	0,75 (1.7)
VUR114N	1-1/4 NPTF	200 (52.8)		120 (4.72)	54	1,5 (3.3)
VUR112N	1-1/2 NPTF	300 (79.2)		138 (5.43)	59	2,6 (5.7)
VUR200N	2 NPTF	430 (113.5)			69	3 (6.60)

VMF-BSPP VALVOLE UNIDIREZIONALI A COLONNETTA M/F

M/F CHECK HOUSING VALVES

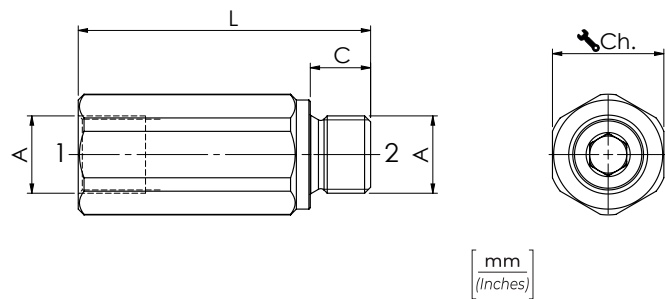


SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

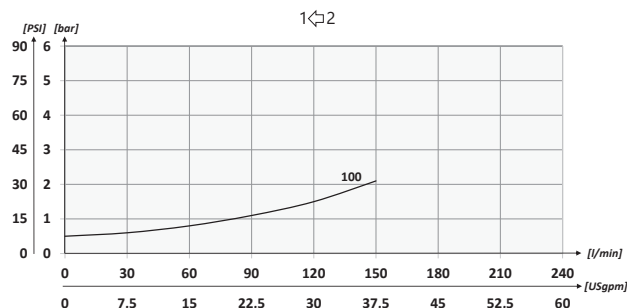
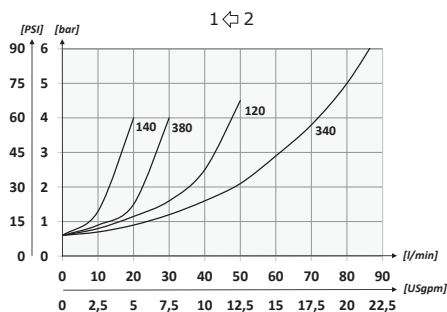
TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	L	C	Ch.	PESO APPROX APPROX WEIGHT kg-lbt
VMF140	BSPP 1/4	15 (4)	400 (5800)	50 (1.96)	11 (0.43)	19 (0.75)	0,08 (0.18)
VMF380	BSPP 3/8	30 (8)		63 (2.48)	13 (0.51)	24 (0.94)	0,16 (0.35)
VMF120	BSPP 1/2	50 (13)		70 (2.75)	14 (0.55)	27 (1.06)	0,20 (0.44)
VMF340	BSPP 3/4	90 (23)		82 (3.23)	17 (0.67)	35 (1.38)	0,39 (0.86)
VMF100	BSPP 1	150 (40)	350 (5075)	100,5 (3.95)	19 (0.75)	41 (1.61)	0,63 (1.38)

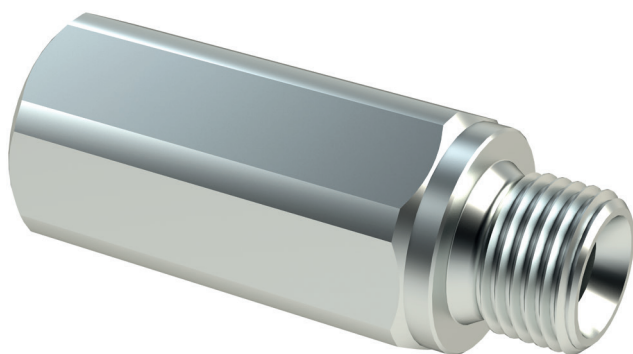
CODICE ORDINAZIONE ORDERING CODE

01	02	03	04
VMF			

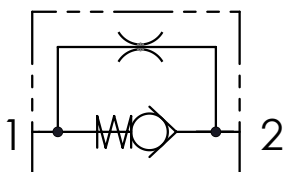
01	VALVOLE UNIDIREZIONALI A COLONNETTA M/F (M/F CHECK HOUSING VALVES)		VMF
02	DIMENSIONE (SIZE)	BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
03	TENUTA (SEALING)	Tenuta a sfera solo per VMF140/380/120 e molla 1 bar (Ball sealing only for VMF140/380/120 and spring 1 bar)	SF
		Tenuta a cono (Poppet sealing)	SP
04	MOLLA (SPRING)	1 bar Standard (14.5 PSI)	1
		3 bar (43.5 PSI)	3
		4,5 bar (65 PSI)	4,5
		6 bar (87 PSI)	6
		10 bar (145 PSI)	Solo versione 120 (Only 120 version)

PERFORMANCES



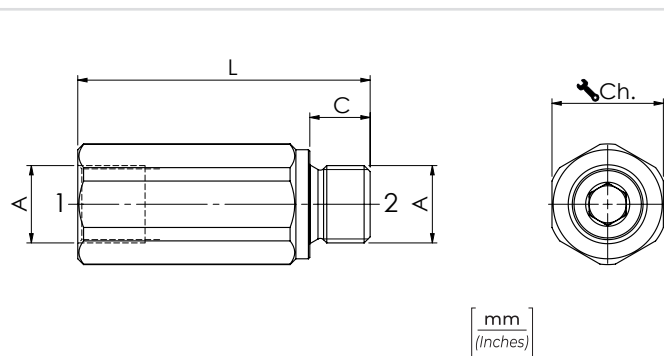


SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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

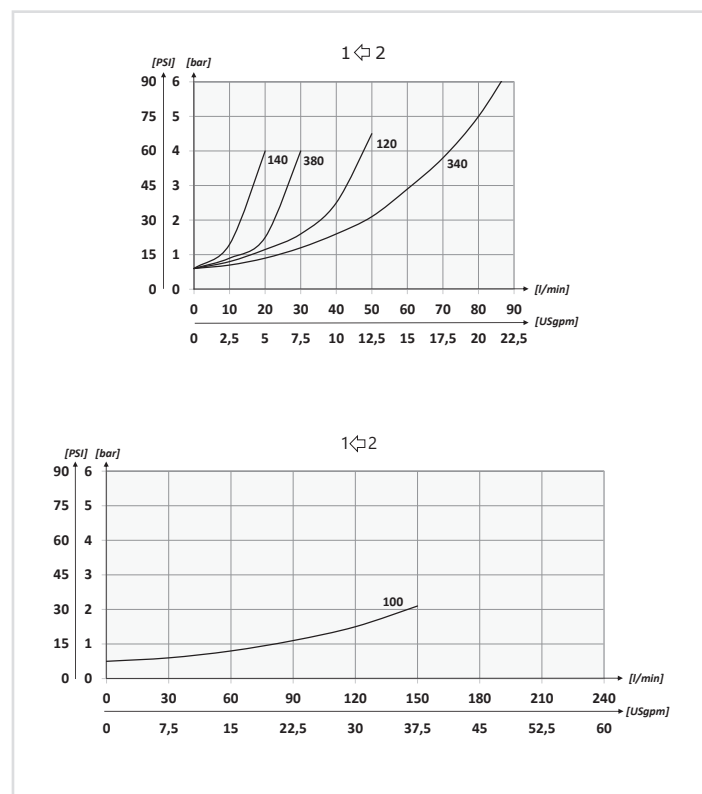


CODICE ORDINAZIONE ORDERING CODE

01	02	03	04	05
VMF		SP		

01	VALVOLE UNIDIREZIONALI A COLONNETTA M/F (M/F CHECK HOUSING VALVES)			VMF
02	DIMENSIONE (SIZE)	BSPP 1/4		140
		BSPP 3/8		380
		BSPP 1/2		120
		BSPP 3/4		340
		BSPP 1		100
03	TENUTA (SEALING)	Tenuta a cono (Poppet sealing)		SP
04	MOLLA (SPRING)	1 bar Standard (14.5 PSI)		1
		3 bar (43.5 PSI)		3
		4,5 bar (65 PSI)		4,5
		6 bar (87 PSI)		6
		10 bar (145 PSI)	Solo versione 120 (Only 120 version)	10
05	FORO DISTROZZATURA (RESTRICTION HOLE)	Indicare il diametro del foro. Esempio: VMF380SP1 con foro Ø 1,5 mm Cod. VMF380SP1-1,5 State the hole diameter Example: VMF380SP1-1,5 with Ø 0,06 in hole Cod. VMF380SP1-1,5		

PERFORMANCES

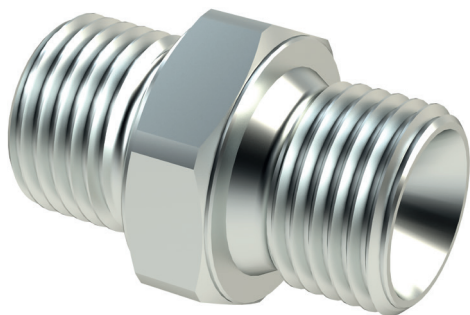


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

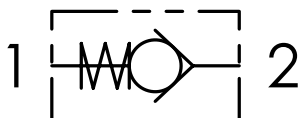
TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	L	C	Ch.	PESO APPROX (kg) APPROX WEIGHT (lbt)
VMF140-H	BSPP 1/4	15 (4)	400 (5800)	50 (1.96)	11 (0.43)	19 (0.75)	0,08 (0.18)
VMF380-H	BSPP 3/8	30 (8)		63 (2.48)	13 (0.51)	24 (0.94)	0,16 (0.35)
VMF120-H	BSPP 1/2	50 (13)		70 (2.75)	14 (0.55)	27 (1.06)	0,20 (0.44)
VMF340-H	BSPP 3/4	90 (23)		82 (3.23)	17 (0.67)	35 (1.38)	0,39 (0.86)
VMF100-H	BSPP 1	150 (40)	350 (5075)	100,5 (3.95)	19 (0.75)	41 (1.61)	0,63 (1.38)

VUN-BSPP VALVOLE UNIDIREZIONALI M/M

M/M CHECK VALVES



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

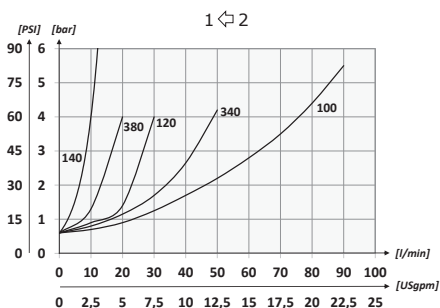


CODICE ORDINAZIONE ORDERING CODE

01	02	03	04
VUN			

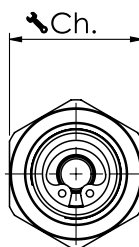
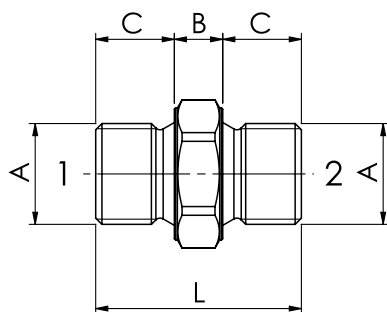
01	VALVOLE UNIDIREZIONALI M/M (M/M CHECK VALVES)		VUN
02	DIMENSIONE (SIZE)	BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
03	TENUTA (SEALING)	Tenuta a sfera solo per VUN140/380/120 e molla 1 bar (Ball sealing only for VUN140/380/120 and spring 1 bar)	SF
		Tenuta a cono (Poppet sealing)	SP
04	MOLLA (SPRING)	1 bar Standard (14.5 PSI)	1
		3 bar (43.5 PSI)	3
		4,5 bar (65.25 PSI)	4,5
		6 bar (87 PSI)	6

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



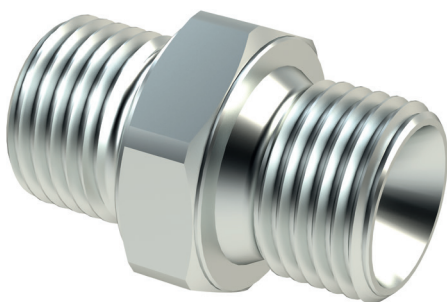
[mm
(Inches)]

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

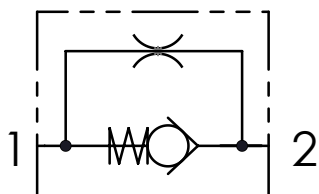
CODICE CODE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	L	B	C	Ch.	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	PESO APPROX (kg) APPROX WEIGHT (lbt)
VUN140	BSPP 1/4	5 (1.3)	500 (7250)	29 (0.28)	7 (1.27)	11 (0.43)	19	40 (29.50)	0,03 (0.066)
VUN380	BSPP 3/8	15 (4)		34 (1.34)	8 (0.31)	13 (0.51)	22	70 (51.60)	0,05 (0.01)
VUN120	BSPP 1/2	30 (7.9)		44 (1.73)	16 (0.63)	14 (0.55)	27	85 (62.7)	0,11 (0.24)
VUN340	BSPP 3/4	50 (13.2)		50 (1.97)	16 (0.63)	17 (0.67)	32	160 (118)	0,18 (0.40)
VUN100	BSPP 1	90 (23.8)		57 (2.24)	19 (0.75)	19 (0.75)	41	300 (221.3)	0,32 (0.71)

VUN-H VALVOLE UNIDIREZIONALI M/M CON FORO DI STROZZATURA

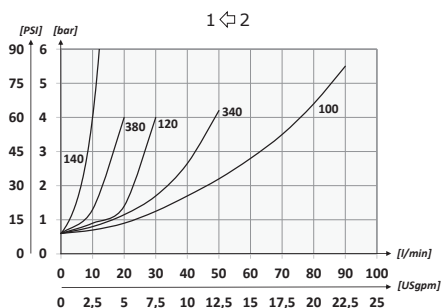
M/M CHECK VALVES WITH RESTRICTION HOLE



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



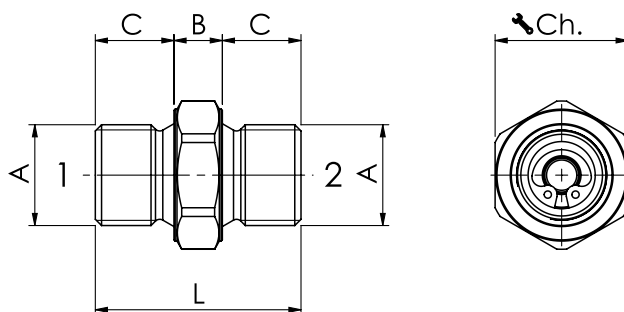
CODICE ORDINAZIONE ORDERING CODE

01	02	03	04	05
VUN		SP		

01	VALVOLE UNIDIREZIONALI M/M CON FORO DI STROZZATURA (M/M CHECK VALVES WITH RESTRICTION HOLE)		VUN
02	DIMENSIONE (SIZE)	BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
03	TENUTA (SEALING)	Tenuta a cono (Poppet sealing)	SP
04	MOLLA (SPRING)	1 bar Standard (14.5 PSI)	1
		3 bar (43.5 PSI)	3
		4,5 bar (65.25 PSI)	4,5
		6 bar (87 PSI)	6
05	FORO DI STROZZATURA (RESTRICTION HOLE)	Indicare il diametro del foro. Esempio: VUN380SPI con foro Ø 1,5 mm Cod. VUN380SPI-1,5 State the hole diameter Example: VUN380SPI-1,5 with Ø 0,06 in hole Cod. VUN380SPI-1,5	

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

CODICE CODE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	L	B	C	Ch.	COPPIA DI SERRAGGIO TIGHTENING TORQUE Nm-lbt ft	PESO APPROX (kg) APPROX WEIGHT (lbt)
VUN140-H	BSPP 1/4	5 (1.3)	500 (7250)	29 (0.28)	7 (1.27)	11 (0.43)	19	40 (29.50)	0,03 (0.066)
VUN380-H	BSPP 3/8	15 (4)		34 (1.34)	8 (0.31)	13 (0.51)	22	70 (51.60)	0,05 (0.01)
VUN120-H	BSPP 1/2	30 (7.9)		44 (1.73)	16 (0.63)	14 (0.55)	27	85 (62.7)	0,11 (0.24)
VUN340-H	BSPP 3/4	50 (13.2)		50 (1.97)	16 (0.63)	17 (0.67)	32	160 (118)	0,18 (0.40)
VUN100-H	BSPP 1	90 (23.8)		57 (2.24)	19 (0.75)	19 (0.75)	41	300 (221.3)	0,32 (0.71)

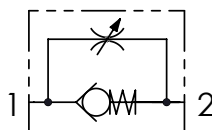
VURF VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI

UNIDIRECTIONAL FLOW CONTROL VALVES



TENUTA A SFERA SOLO PER VURF 140/380/120
BALL SEALING ONLY FOR VURF 140/380/120

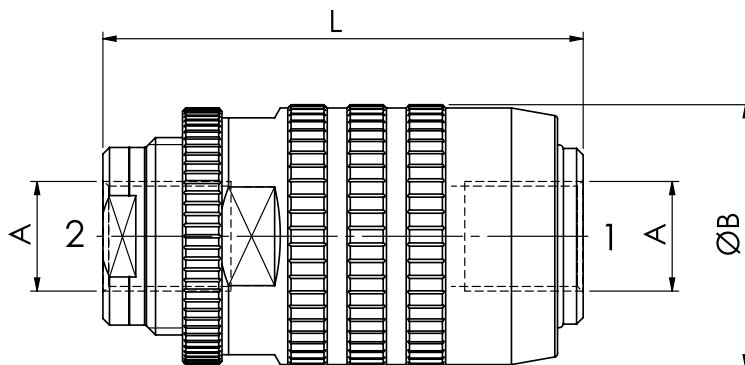
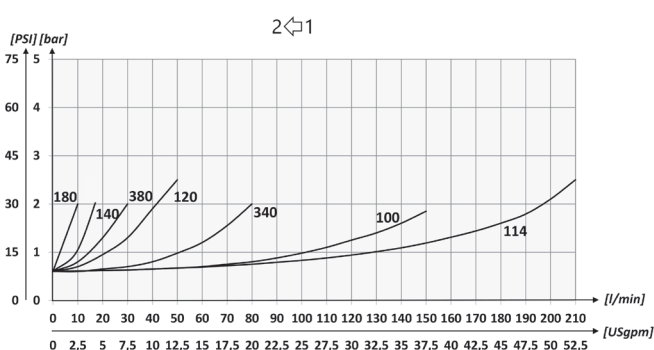
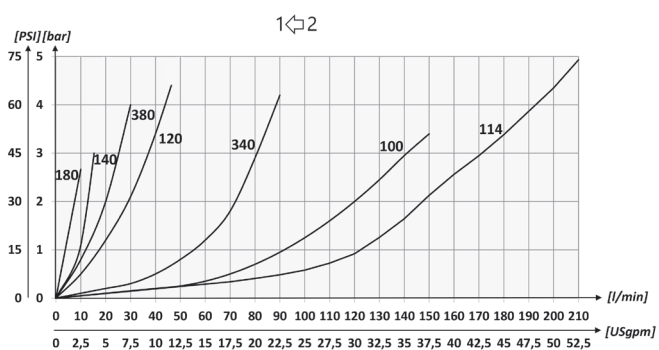
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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



[mm]
[inches]

CODICE ORDINAZIONE
ORDERING CODE

01
VURF

02

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)		VURF
02	DIMENSIONE (SIZE)	BSPP 1/8	180
		BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
		BSPP 1-1/4	114

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

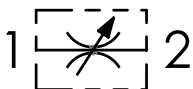
TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	L	PESO APPROX APPROX WEIGHT kg-lbt
VURF180	BSPP 1/8	5 (1,3)	350 (5075)	25 (0.98)	48 (1.89)	0,12 (0.26)
VURF140	BSPP 1/4	15 (4)		34 (1.34)	62 (2.44)	0,28 (0.6)
VURF380	BSPP 3/8	30 (7.9)		39 (1.54)	73 (2.87)	0,46 (1.01)
VURF120	BSPP 1/2	45 (11.9)	300 (4350)	44 (1.73)	83 (3.27)	0,66 (1.45)
VURF340	BSPP 3/4	85 (22.4)		54 (2.13)	102 (4.02)	1,10 (2.42)
VURF100	BSPP 1	150 (39.6)		65 (2.56)	124,5 (4.90)	1,9 (4.20)
VURF114	BSPP 1-1/4	200 (52.8)		75 (2.95)	144 (5.67)	2,95 (6.32)

VBRF VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI

BIDIRECTIONAL FLOW CONTROL VALVES



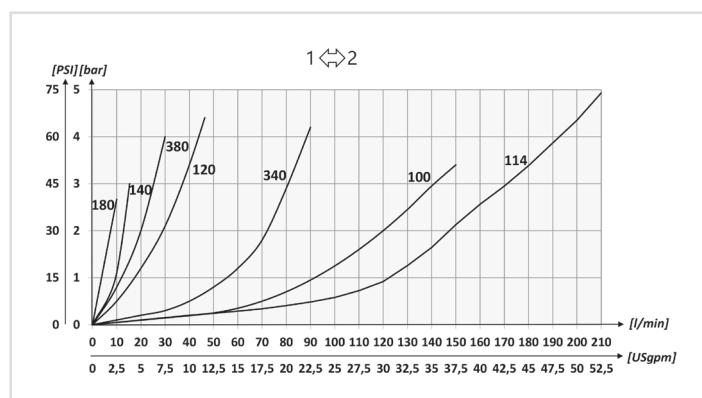
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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



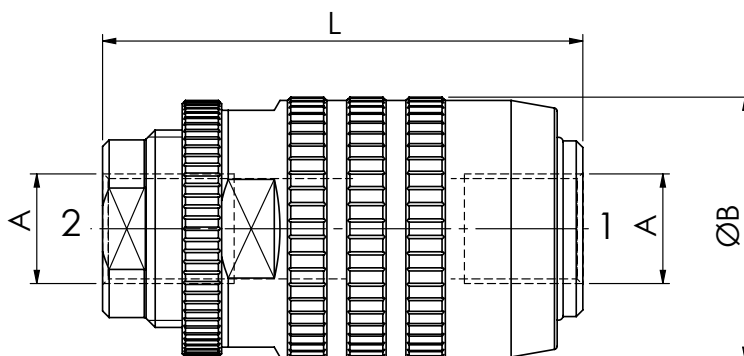
CODICE ORDINAZIONE ORDERING CODE

01	02
VBRF	

01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI (BIDIRECTIONAL FLOW CONTROL VALVES)		VBRF
02	DIMENSIONE (SIZE)	BSPP 1/8	180
		BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
		BSPP 1-1/4	114

CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	L	PESO APPROX APPROX WEIGHT kg-lbt
VBRF180	BSPP 1/8	5 (1,3)	350 (5075)	25 (0.98)	48 (1.89)	0,12 (0.26)
VBRF140	BSPP 1/4	15 (4)		34 (1.34)	62 (2.44)	0,28 (0.6)
VBRF380	BSPP 3/8	30 (7.9)		39 (1.54)	73 (2.87)	0,45 (1)
VBRF120	BSPP 1/2	45 (11.9)		44 (1.73)	83 (3.27)	0,63 (1.4)
VBRF340	BSPP 3/4	85 (22.4)	300 (4350)	54 (2.13)	102 (4.02)	1,06 (2.33)
VBRF100	BSPP 1	150 (39.6)	250 (3625)	65 (2.56)	124,5 (4.90)	1,8 (4)
VBRF114	BSPP 1-1/4	200 (52.8)		75 (2.95)	144 (5.67)	2,78 (5.96)



[mm]
[inches]

STU-BSPP VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI

UNIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



BSPP STU140 - STU380 - STU120



BSPP STU180 - STU340 - STU100 -
STU114 - STU112

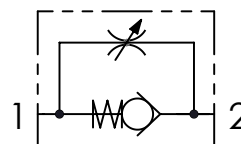
CODICE ORDINAZIONE
ORDERING CODE

01
STU

02

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)	STU
02	DIMENSIONE (SIZE) Tenuta a sfera solo per STU180/140/380/120 Ball sealing only for STU180/140/380/120	BSPP 1/8 180
		BSPP 1/4 140
		BSPP 3/8 380
		BSPP 1/2 120
		BSPP 3/4 340
		BSPP 1 100
		BSPP 1-1/4 114
		BSPP 1-1/2 112

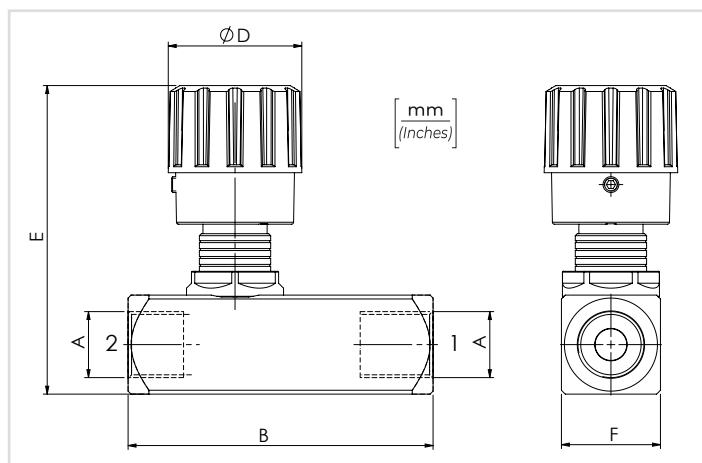
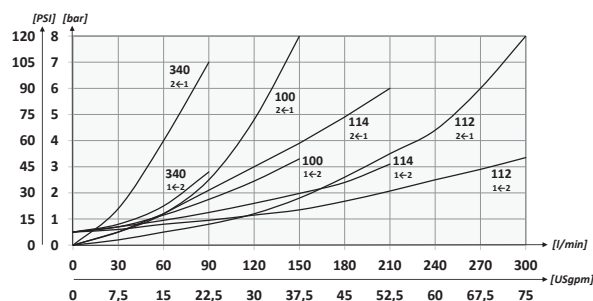
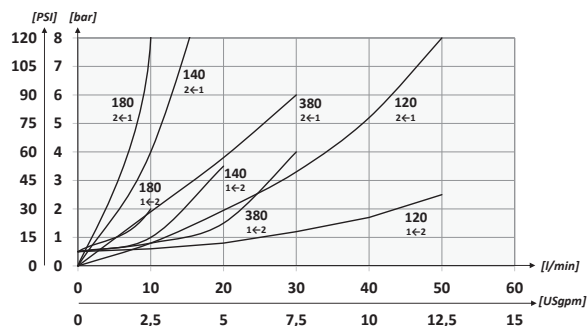
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	D	E	F	PESO APPROX APPROX WEIGHT kg-lbt
STU180	BSPP 1/8	10 (2.6)	400 (5800)	58 (2.28)	20 (0.79)	53 (2.09)	20 (0.79)	0,19 (0.42)
STU140	BSPP 1/4	15 (4)		66 (2.60)	30 (1.18)	71,5 (2.81)	25 (0.98)	0,34 (0.75)
STU380	BSPP 3/8	30 (7.9)		77 (3.03)				0,36 (0.80)
STU120	BSPP 1/2	50 (13.2)		91 (3.58)	33 (1.30)	72 (2.83)	30 (1.18)	0,60 (1.3)
STU340	BSPP 3/4	80 (21.1)		112,5 (4.43)	42 (1.65)	94 (3.70)	40 (1.57)	1,33 (3)
STU100	BSPP 1	150 (39.6)	350 (5075)	141 (5.55)		99 (3.90)	45 (1.77)	1,83 (4.03)
STU114	BSPP 1-1/4	200 (52.8)		155 (6.10)	53 (2.09)	121,5 (4.78)	55 (2.17)	3,1 (6.8)
STU112	BSPP 1-1/2	300 (79.2)		168 (6.61)		131,5 (5.18)	65 (2.56)	4,5 (10)

STUF-BSPP VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI

UNIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



BSPP STUF140 - STUF380 - STUF120

BSPP STUF180 - STUF340 - STUF100 -
STUF114 - STUF112

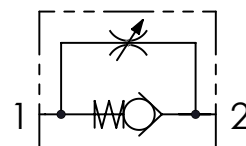
CODICE ORDINAZIONE
ORDERING CODE

01
STUF

02

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)		STUF
02	DIMENSIONE (SIZE) Tenuta a sfera solo per STU180/140/380/120 Ball sealing only for STU180/140/380/120	BSPP 1/8	180
		BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
		BSPP 1-1/4	114
		BSPP 1-1/2	112

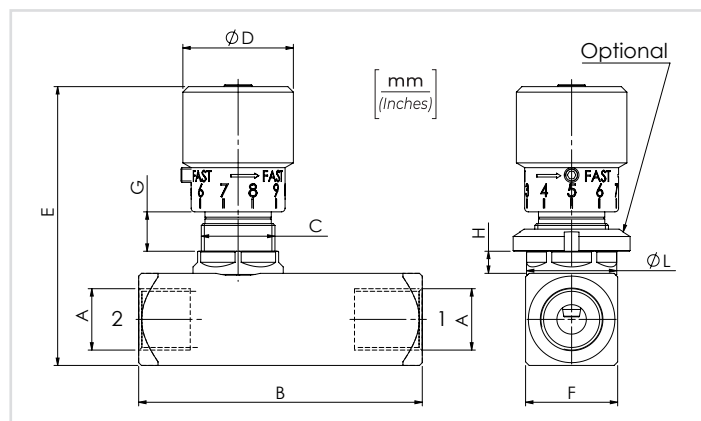
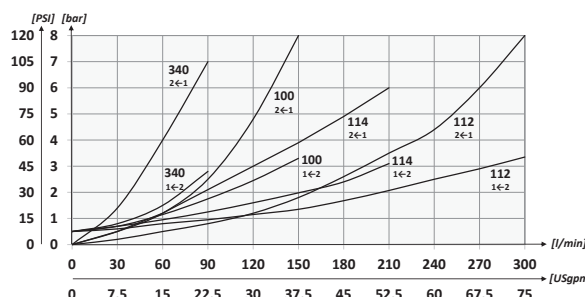
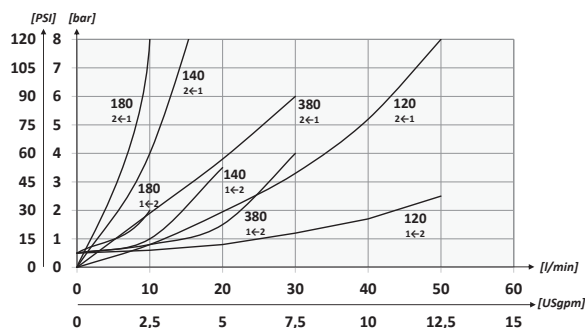
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	C	D	E	F	G	H	L	OPTIONAL TYPE	PESO APPROX APPROX WEIGHT kg-lbt
STUF180	BSPP 1/8	10 (2.6)	400 (5800)	58 (2.28)	M15x1	20 (0.79)	60,5 (2.38)	20 (0.79)	8 (0.31)	5,5 (0.21)	19,5 (0.76)	84100031	0,20 (0.44)
STUF140	BSPP 1/4	15 (4)		66 (2.60)	M20x1	33 (1.30)	75 (2.95)	25 (0.98)	7,5 (0.29)	6 (0.23)	24,5 (0.96)	84100022	0,38 (0.84)
STUF380	BSPP 3/8	30 (7.9)		77 (3.03)			81 (3.19)	30 (1.18)	9 (0.35)	7 (0.27)	29,5 (1.16)		0,40 (0.88)
STUF120	BSPP 1/2	50 (13.2)		91 (3.58)	M25x1,5	42 (1.65)	110 (4.33)	40 (1.57)	15,5 (0.61)	8 (0.31)	39,5 (1.55)	84100023	0,63 (1.40)
STUF340	BSPP 3/4	80 (21.1)		112,5 (4.43)	M35x1,5		115 (4.53)	45 (1.77)	13,5 (0.53)	10 (0.39)	50 (1.96)	84100024	1,45 (3.2)
STUF100	BSPP 1	150 (39.6)	350 (5075)	141 (5.55)	M45x1,5	53 (2.09)	137 (5.39)	55 (2.17)	13,5 (0.53)	10 (0.39)	50 (1.96)	84100030	2 (4.4)
STUF114	BSPP 1-1/4	200 (52.8)		155 (6.10)			147 (5.79)	65 (2.56)					3,3 (7.25)
STUF112	BSPP 1-1/2	300 (79.2)		168 (6.61)									4,7 (10.3)

STU-NPTF VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI

UNIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



NPTF STU140N - STU380N - STU120N

NPTF STU180N - STU340N - STU100N -
STU114N - STU112N

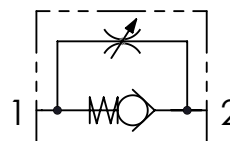
CODICE ORDINAZIONE
ORDERING CODE

01
STU

02

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)	STU
02	DIMENSIONE (SIZE)	NPTF 1/8 180N
		NPTF 1/4 140N
		NPTF 3/8 380N
		NPTF 1/2 120N
		NPTF 3/4 340N
		NPTF 1 100N
		NPTF 1-1/4 114N
		NPTF 1-1/2 112N

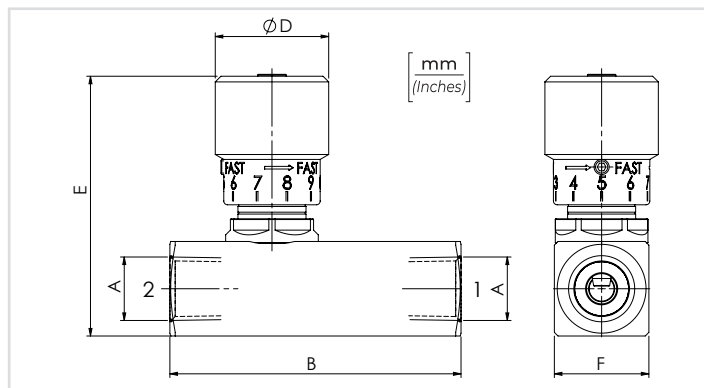
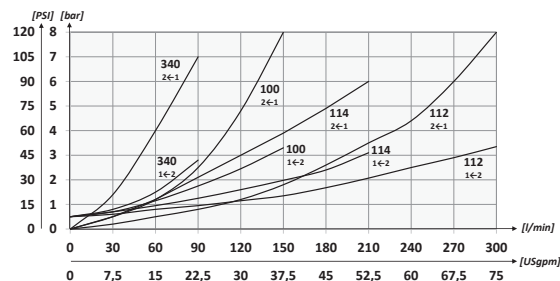
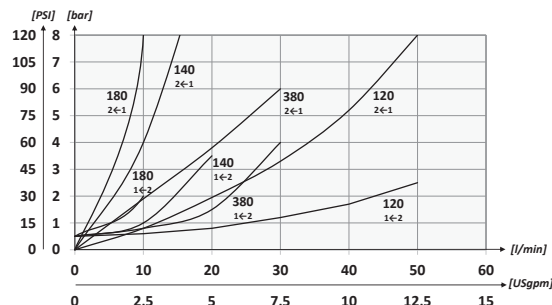
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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 (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	D	E	F	PESO APPROX (kg) APPROX WEIGHT (lb)
STU180N	NPTF 1/8	10 (2.6)	400 (5800)	58 (2.28)	20 (0.79)	53 (2.08)	20 (0.79)	0,19 (0.42)
STU140N	NPTF 1/4	15 (4)		66 (2.60)	33 (1.30)	68 (2.68)	25 (0.98)	0,37 (0.75)
STU380N	NPTF 3/8	30 (7.9)		77 (3.03)		72 (2.83)	30 (1.18)	0,40 (0.9)
STU120N	NPTF 1/2	50 (13.2)		91 (3.58)	42 (1.65)	94 (3.70)	40 (1.57)	0,60 (1.3)
STU340N	NPTF 3/4	80 (21.1)		112,5 (4.43)		99 (3.90)	45 (1.77)	1,40 (3.09)
STU100N	NPTF 1	150 (39.6)	350 (5075)	141 (5.55)	53 (2.09)	121,5 (4.78)	55 (2.17)	1,9 (4.2)
STU114N	NPTF 1-1/4	200 (52.8)		155 (6.10)		131,5 (5.17)	65 (2.56)	3,06 (6.73)
STU112N	NPTF 1-1/2	300 (79.2)		168 (6.61)				4,5 (10)

STUF-NPTF



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



NPTF STUF140N - STUF380N - STUF120N

NPTF STUF180N - STUF340N -
STUF100N - STUF114N - STUF112N

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

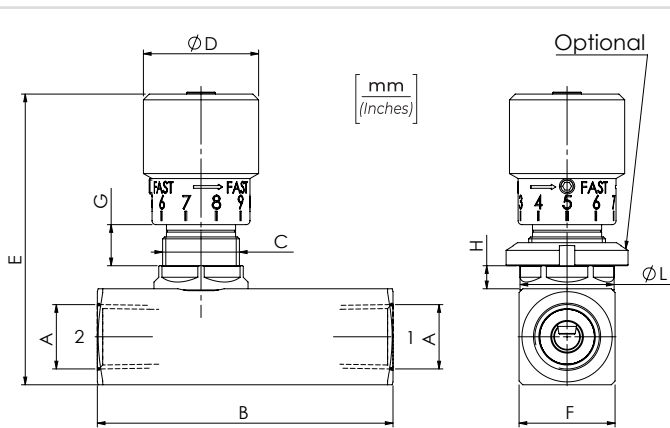
Temperatura dell'olio - Oil temperature

-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)

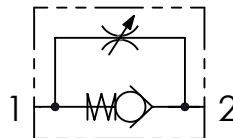
**CODICE ORDINAZIONE**
ORDERING CODE

01

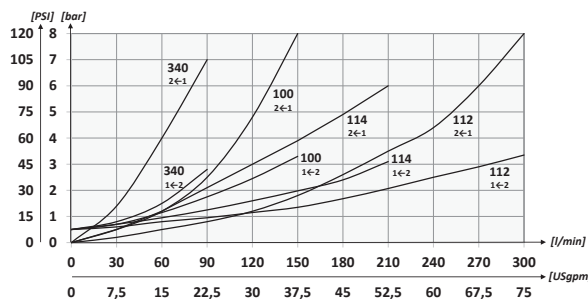
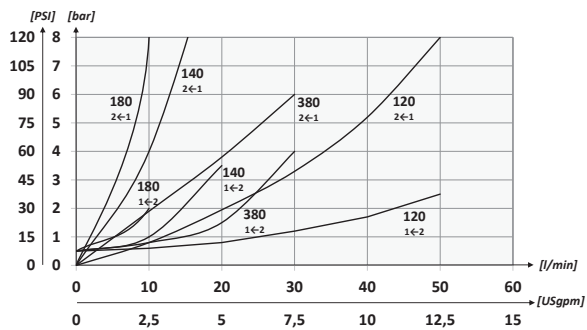
STUF

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)		STUF
02	DIMENSIONE (SIZE)	NPTF 1/8	180N
		NPTF 1/4	140N
		NPTF 3/8	380N
		NPTF 1/2	120N
		NPTF 3/4	340N
		NPTF 1	100N
		NPTF 1-1/4	114N
		NPTF 1-1/2	112N

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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	OPTIONAL TYPE	PESO APPROX APPROX WEIGHT kg-lbt
STUF180N	NPTF 1/8	10 (2.6)	400 (5800)	58 (2.28)	M15x1	20 (0.79)	60,5 (2.38)	20 (0.79)	8 (0.31)	5,5 (0.22)	19,5 (0.77)	84100031	0,20 (0.44)
STUF140N	NPTF 1/4	15 (4)		66 (2.60)	M20x1	33 (1.30)	75 (2.95)	25 (0.98)	7,5 (0.30)	6 (0.24)	24,5 (0.96)	84100022	0,40 (0.88)
STUF380N	NPTF 3/8	30 (7.9)		77 (3.03)			81 (3.19)	30 (1.18)	9 (0.35)	7 (0.28)	29,5 (1.16)	84100023	0,42 (0.92)
STUF120N	NPTF 1/2	50 (13.2)		91 (3.58)	M25x1,5	42 (1.65)	110 (4.33)	40 (1.57)	15,5 (0.61)	8 (0.31)	39,5 (1.56)	84100024	0,63 (1.40)
STUF340N	NPTF 3/4	80 (21.1)		112,5 (4.43)	M35x1,5		115 (4.53)	45 (1.77)				1,5 (3.3)	
STUF100N	NPTF 1	150 (39.6)		141 (5.55)			M45x1,5	53 (2.09)	137 (5.39)	55 (2.17)	13,5 (0.53)	10 (0.39)	50 (1.97)
STUF114N	NPTF 1-1/4	200 (52.8)	350 (5075)	155 (6.10)	M45x1,5	53 (2.09)	137 (5.39)	55 (2.17)	13,5 (0.53)	10 (0.39)			
STUF112N	NPTF 1-1/2	300 (79.2)		168 (6.61)			147 (5.79)	65 (2.56)			4,7 (10.3)		

STU-SAE VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI

UNIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB



POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



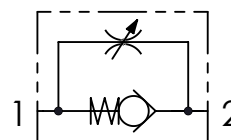
SAE STUF4 - STUF6 - STUF8
STU4S - STUF12
STUF16 - STUF20 - STUF24

CODICE ORDINAZIONE ORDERING CODE

01	02
STU	

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)		STU
02	DIMENSIONE (SIZE)	7/16-20UNF Small	4S
		7/16-20UNF	4
		9/16-18UNF	6
		3/4-16UNF	8
		1-1/16-12UN	12
		1-5/16-12UN	16
		1-5/8-12UN	20
		1-7/8-12UN	24

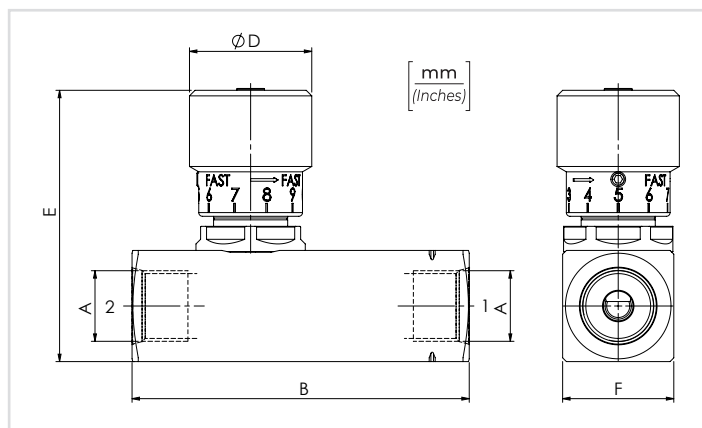
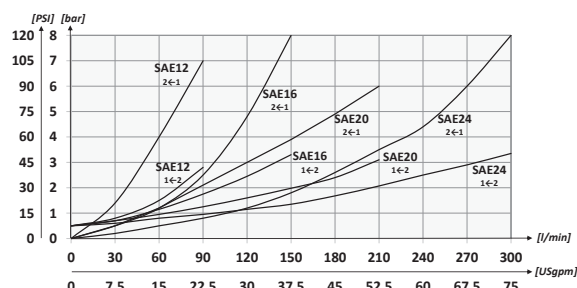
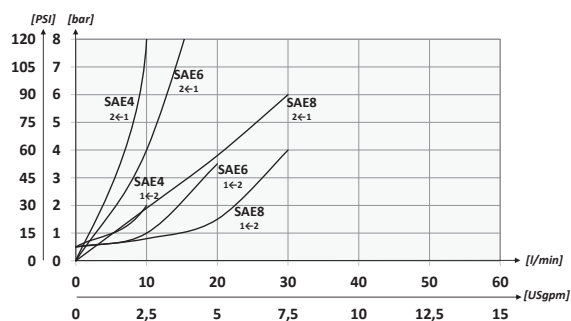
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	D	E	F	PESO APPROX (kg) APPROX WEIGHT (lbt)
STU4S	7/16-20UNF	10 (2.6)	400 (5800)	66 (2.60)	33 (1.30)	68 (2.68)	20 (0.79)	0,21 (0.46)
STU4				70,5 (2.78)			25 (0.98)	0,39 (0.85)
STU6	9/16-18UNF	15 (4)		91 (3.58)	42 (1.65)	72 (2.83)	30 (1.18)	0,60 (1.3)
STU8	3/4-16UNF	30 (7.9)		112,5 (4.43)		94 (3.70)	40 (1.57)	1,28 (2.80)
STU12	1-1/16-12UN	80 (21.1)	350 (5075)	141 (5.55)	53 (2.09)	99 (3.90)	45 (1.77)	1,87 (4.11)
STU16	1-5/16-12UN	150 (39.6)		155 (6.10)		121,5 (4.78)	55 (2.17)	3,06 (6.73)
STU20	1-5/8-12UN	200 (52.8)		168 (6.61)		131,5 (5.18)	65 (2.56)	4,5 (10)
STU24	1-7/8-12UN	300 (79.2)						

STUF-SAE VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI

UNIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB

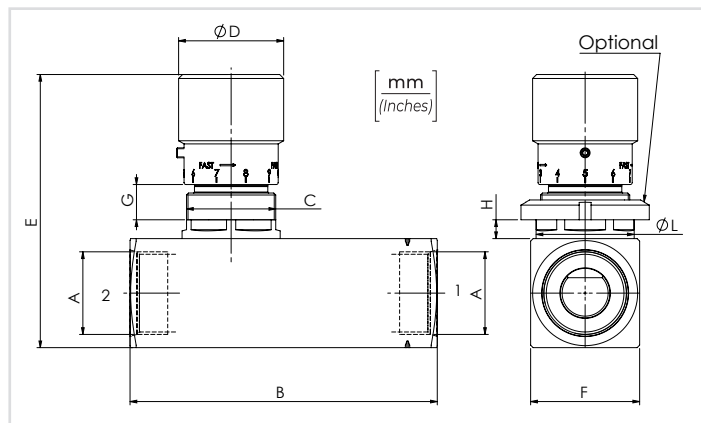


SAE STUF4 - STUF6 - STUF8

SAE STUF4S - STUF12
STUF16 - STUF20 - STUF24

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)	



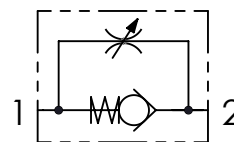
CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	C	D	E	F	G	H	L	OPTIONAL TYPE	PESO APPROX APPROX WEIGHT kg-lbt
STUF4S	7/16-20UNF	10 (2.6)	400 (5800)	66 (2.60)	M20x1	33 (1.30)	75 (2.95)	20 (0.79)	7,5 (0.30)	6 (0.24)	24,5 (0.96)	84100022	0,22 (0.48)
STUF4				70,5 (2.78)				25 (0.98)					0,41 (0.90)
STUF6				91 (3.58)				30 (1.18)					0,42 (0.92)
STUF8				112,5 (4.43)				40 (1.57)					1,40 (3.10)
STUF12	1-1/16-12UN	80 (21.1)	350 (5075)	141 (5.55)	M35x1,5	42 (1.65)	115 (4.53)	45 (1.77)	15,5 (0.61)	8 (0.31)	39,5 (1.56)	84100024	2 (4.4)
STUF16	1-5/16-12UN	150 (39.6)		155 (6.10)				55 (2.17)					3,3 (7.25)
STUF20	1-5/8-12UN	200 (52.8)		168 (6.61)				65 (2.56)					4,7 (10.3)
STUF24	1-7/8-12UN	300 (79.2)											

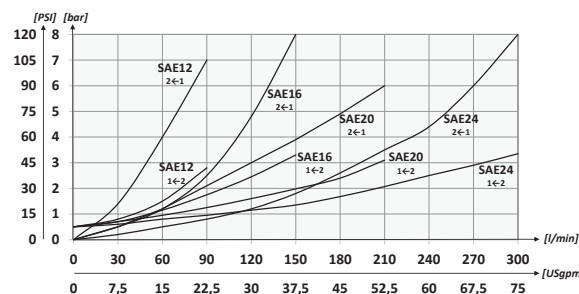
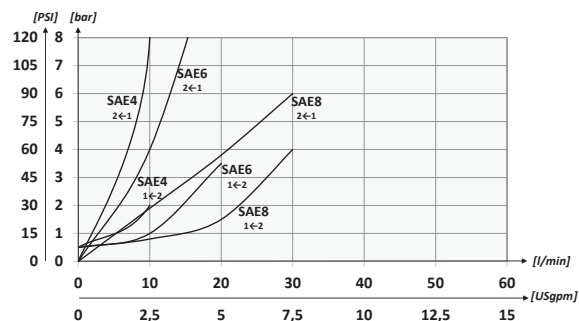
01	02
CODICE ORDINAZIONE ORDERING CODE	STUF

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI (UNIDIRECTIONAL FLOW CONTROL VALVES)	STUF
02	DIMENSIONE (SIZE)	7/16-20UNF Small
		7/16-20UNF
		9/16-18UNF
		3/4-16UNF
		1-1/16-12UN
		1-5/16-12UN
		1-5/8-12UN
		1-7/8-12UN

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



STB-BSPP VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI

BIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



BSPP STB140 - STB380 - STB120



BSPP STB180 - STB340 -
STB100 - STB114 - STB112

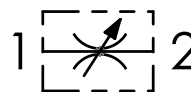
CODICE ORDINAZIONE
ORDERING CODE

01
STB

02

01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI (BIDIRECTIONAL FLOW CONTROL VALVES)		STB
02	DIMENSIONE (SIZE)	BSPP 1/8	180
		BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120
		BSPP 3/4	340
		BSPP 1	100
		BSPP 1-1/4	114
		BSPP 1-1/2	112

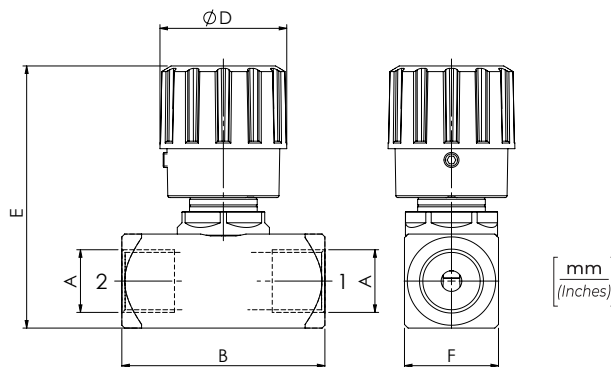
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



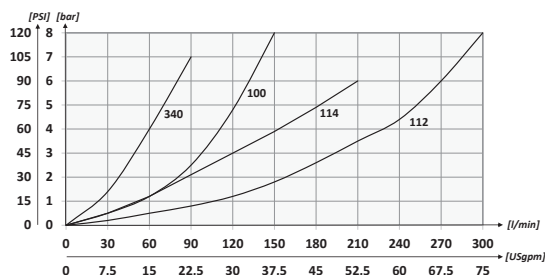
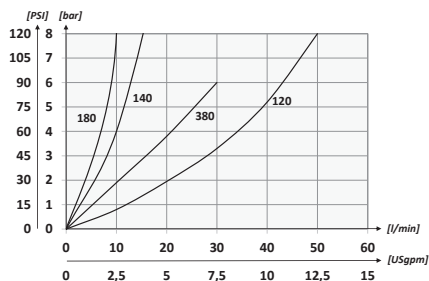
DATI TECNICI / TECHNICAL DATA

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 (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	D	E	F	PESO APPROX (kg) APPROX WEIGHT (lbt)	
STB180	BSPP 1/8	10 (2.6)	400 (5800)	44 (1.73)	20 (0.79)	53 (2.09)	20 (0.79)	0,15 (0.33)	
STB140	BSPP 1/4	15 (4)		54 (2.13)	33 (1.30)	71,5 (2.81)	25 (0.98)	0,29 (0.70)	
STB380	BSPP 3/8	30 (7.9)		64 (2.52)		72 (2.83)	30 (1.18)	0,26 (0.57)	
STB120	BSPP 1/2	50 (13.2)		81 (3.19)		94 (3.70)	40 (1.57)	0,45 (1)	
STB340	BSPP 3/4	80 (21.1)		102 (4.01)	42 (1.65)	99 (3.90)	45 (1.77)	1,02 (2.25)	
STB100	BSPP 1	150 (39.6)	350 (5075)		53 (2.09)	121,5 (4.78)	55 (2.17)	1,38 (3.04)	
STB114	BSPP 1-1/4	200 (52.8)				131,5 (5.18)	65 (2.56)	2,2 (4.8)	
STB112	BSPP 1-1/2	300 (79.2)						3 (6.6)	

STBF-BSPP VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI

BIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



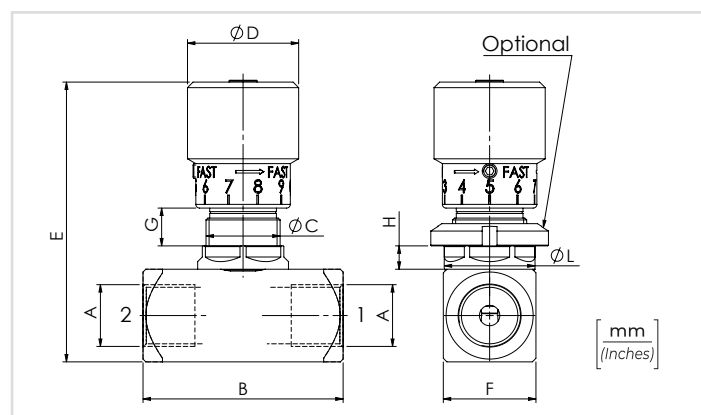
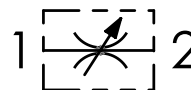
BSPP STBF140 - STBF380 - STBF120

BSPP STBF180 - STBF340 -
STBF100 - STBF114 - STBF112

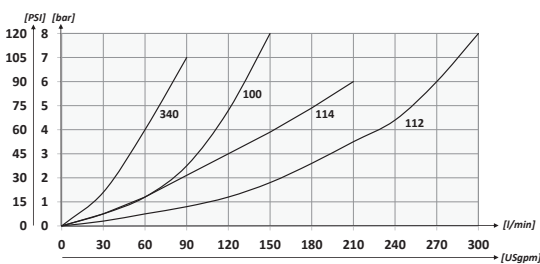
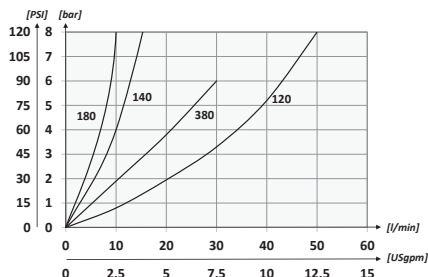
DATI TECNICI / TECHNICAL DATA

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)	

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	D	E	F	G	H	L	OPTIONAL TYPE	PESO APPROX (kg) APPROX WEIGHT (lbt)
STBF180	BSPP 1/8	10 (2.6)	400 (5800)	44 (1.73)	M15x1	20 (0.79)	60,5 (2.38)	20 (0.79)	8 (0.31)	5,5 (0.22)	19,5 (0.77)	84100031	0,16 (0.36)
STBF140	BSPP 1/4	15 (4)		54 (2.13)	M20x1	33 (1.30)	75 (2.95)	25 (0.98)	7,5 (0.30)	6 (0.24)	24,5 (0.96)	84100022	0,31 (0.68)
STBF380	BSPP 3/8	30 (7.9)		64 (2.52)	M25x1,5		81 (3.19)	30 (1.18)	9 (0.35)	7 (0.28)	29,5 (1.16)	84100023	0,28 (0.62)
STBF120	BSPP 1/2	50 (13.2)		81 (3.19)	M35x1,5	42 (1.65)	110 (4.33)	40 (1.57)	15,5 (0.61)	8 (0.31)	39,5 (1.56)	84100024	0,48 (1.06)
STBF340	BSPP 3/4	80 (21.1)					115 (4.53)	45 (1.77)					1,13 (2.50)
STBF100	BSPP 1	150 (39.6)											1,50 (3.3)
STBF114	BSPP 1-1/4	200 (52.8)	350 (5075)	102 (4.01)	M45x1,5	53 (2.09)	137 (5.39)	55 (2.17)	13,5 (0.53)	10 (0.39)	50 (1.97)	84100030	2,37 (5.21)
STBF112	BSPP 1-1/2	300 (79.2)					147 (5.79)	65 (2.56)					3,17 (7)

STB-NPTF

VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI BIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



NPTF STB140N - STB380N - STB120N

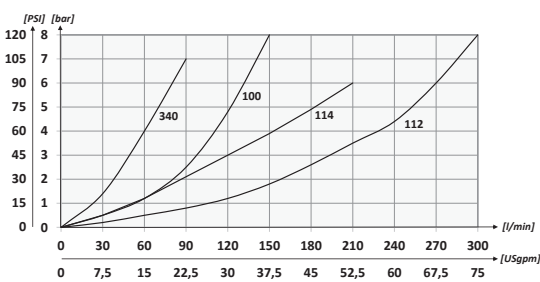
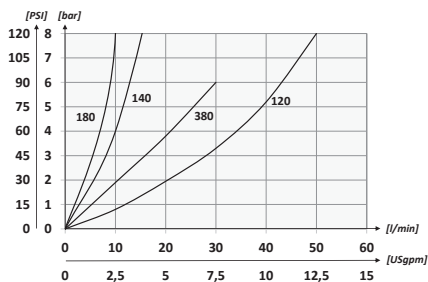
NPTF STB180N - STB340N -
STB100N - STB114N - STB112N

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



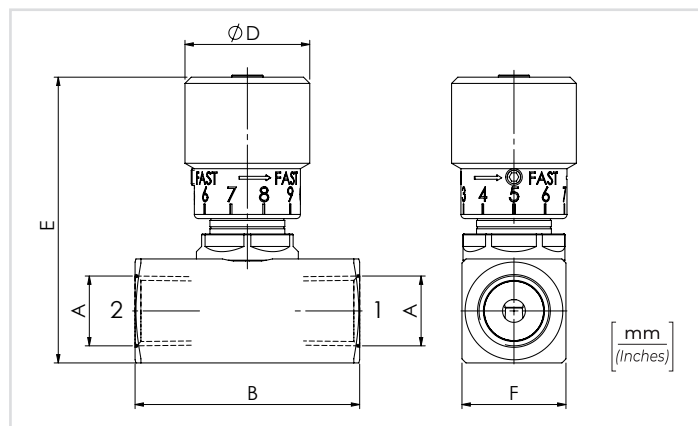
CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	D	E	F	PESO APPROX (kg) APPROX WEIGHT (lbt)
STB180N	NPTF 1/8	10 (2.6)	400 (5800)	44 (1.73)	20 (0.79)	53 (2.09)	20 (0.79)	0,15 (0.33)
STB140N	NPTF 1/4	15 (4)		54 (2.13)	33 (1.30)	68 (2.68)	25 (0.98)	0,32 (0.71)
STB380N	NPTF 3/8	30 (7.9)		64 (2.52)		72 (2.83)	30 (1.18)	0,30 (0.66)
STB120N	NPTF 1/2	50 (13.2)		81 (3.19)	42 (1.65)	94 (3.70)	40 (1.57)	0,47 (1.03)
STB340N	NPTF 3/4	80 (21.1)		102 (4.02)		99 (3.90)	45 (1.77)	1,05 (2.31)
STB100N	NPTF 1	150 (39.6)	350 (5075)	102 (4.02)	53 (2.09)	121,5 (4.78)	55 (2.16)	1,49 (3.95)
STB114N	NPTF 1-1/4	200 (52.8)				131,5 (5.18)	65 (2.56)	2,27 (5.21)
STB112N	NPTF 1-1/2	300 (79.2)						3 (6.6)

01	02
CODICE ORDINAZIONE ORDERING CODE	STB

01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI (BIDIRECTIONAL FLOW CONTROL VALVES)		STB
02	DIMENSIONE (SIZE)	NPTF 1/8	180N
		NPTF 1/4	140N
		NPTF 3/8	380N
		NPTF 1/2	120N
		NPTF 3/4	340N
		NPTF 1	100N
		NPTF 1-1/4	114N
		NPTF 1-1/2	112N

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



STBF-NPTF

VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI BIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



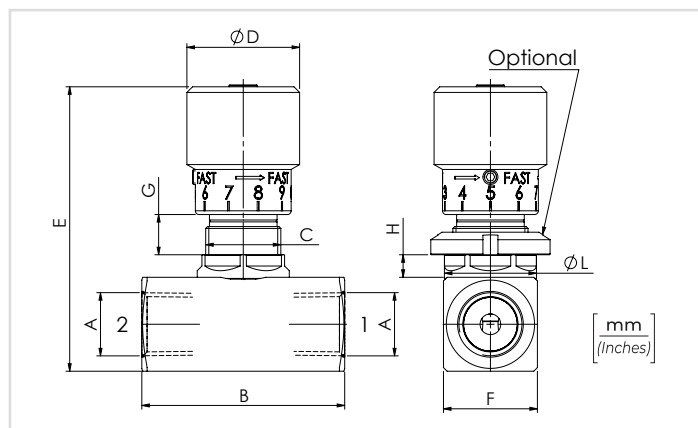
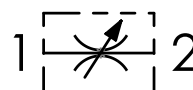
NPTF STBF140N - STBF380N - STBF120N

NPTF STBF180N - STBF340N - STBF100N -
STBF114N - STBF112N

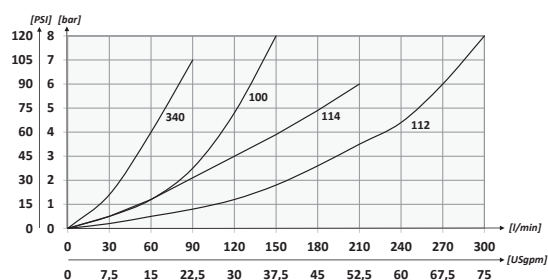
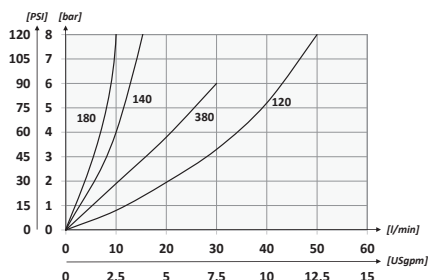
DATI TECNICI / TECHNICAL DATA

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)	

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	D	E	F	G	H	L	OPTIONAL TYPE	PESO APPROX (kg) APPROX WEIGHT (lb)
STBF180N	NPTF 1/8	10 (2.6)	400 5800	44 (1.73)	M15x1	20 (0.79)	60,5 (2.38)	20 (0.79)	8 (0.31)	5,5 (0.22)	19,5 (0.77)	84100031	0,16 (0.36)
STBF140N	NPTF 1/4	15 (4)		54 (2.13)	M20x1	33 (1.30)	75 (2.95)	25 (0.98)	7,5 (0.30)	6 (0.24)	24,5 (0.96)	84100022	0,34 (0.75)
STBF380N	NPTF 3/8	30 (7.9)		64 (2.52)	M25x1,5		81 (3.19)	30 (1.18)	9 (0.35)	7 (0.28)	29,5 (1.16)	84100023	0,32 (0.71)
STBF120N	NPTF 1/2	50 (13.2)		81 (3.19)	M35x1,5	42 (1.65)	110 (4.33)	40 (1.57)	15,5 (0.61)	8 (0.31)	39,5 (1.55)	84100024	0,50 (1.1)
STBF340N	NPTF 3/4	80 (21.1)					115 (4.53)	45 (1.77)					1,15 (2.53)
STBF100N	NPTF 1	150 (39.6)	350 (5075)	102 (4.01)	M45x1,5	53 (2.09)	137 (5.39)	55 (2.17)	13,5 (0.53)	10 (0.39)	50 (1.96)	84100030	1,49 (3.30)
STBF114N	NPTF 1-1/4	200 (52.8)					147 (5.78)	65 (2.56)					2,54 (5.6)
STBF112N	NPTF 1-1/2	300 (79.2)											3,17 (7)

STB-SAE VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI

BIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



SAE STB4 - STB6 - STB8

SAE STB4S - STB12 - STB16
STB20 - STB24

CODICE ORDINAZIONE ORDERING CODE

01

02

STB

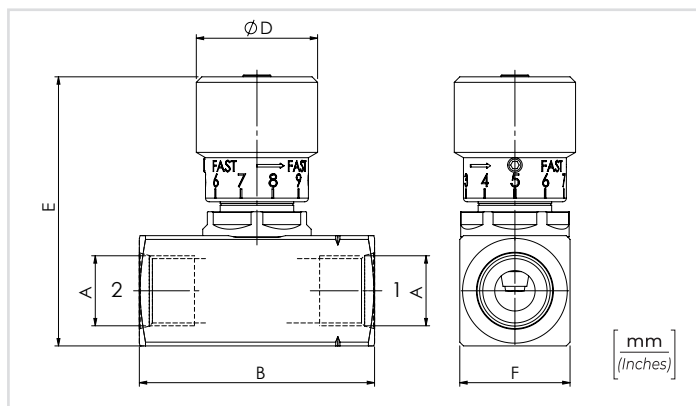
01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI (BIDIRECTIONAL FLOW CONTROL VALVES)		STB
02	DIMENSIONE (SIZE)	7/16-20UNF Small	4S
		7/16-20UNF	4
		9/16-18UNF	6
		3/4-16UNF	8
		1-1/16-12UN	12
		1-5/16-12UN	16
		1-5/8-12UN	20
		1-7/8-12UN	24

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

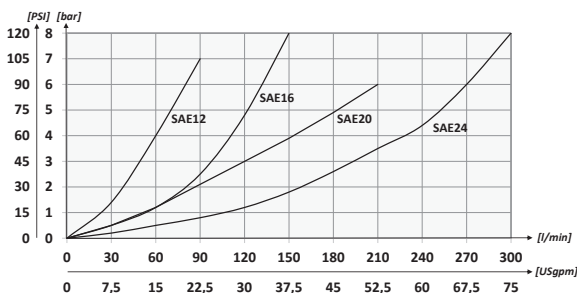
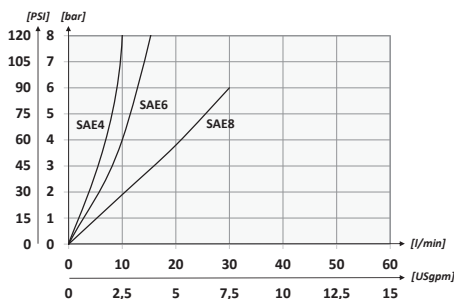


DATI TECNICI / TECHNICAL DATA

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)	



PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	D	E	F	PESO APPROX (kg) APPROX WEIGHT (lb)
STB4S	7/16-20UNF	10 (2.6)	400 (5800)	54 (2.13)	33 (1.30)	68 (2.68)	20 (0.79)	0,21 (0.46)
STB4							25 (0.98)	0,32 (0.71)
STB6	9/16-18UNF	15 (4)		64 (2.52)	42 (1.65)	72 (2.83)	30 (1.18)	0,30 (0.66)
STB8	3/4-16UNF	30 (7.9)					40 (1.57)	0,45 (0.99)
STB12	1-1/16-12UN	80 (21.1)	350 (5075)	81 (3.19)	53 (2.09)	94 (3.70)	45 (1.77)	1 (2.2)
STB16	1-5/16-12UN	150 (39.6)					55 (2.17)	1,35 (3)
STB20	1-5/8-12UN	200 (52.8)		102 (4.02)	53 (2.09)	121,5 (4.78)	65 (2.56)	2,37 (5.21)
STB24	1-7/8-12UN	300 (79.2)					65 (2.56)	3 (6.6)

STBF-SAE VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI

BIDIRECTIONAL FLOW CONTROL VALVES



POMELLO IN ALLUMINIO PRESSOFUSO
DIE CAST ALUMINIUM HANDKNOB

POMELLO IN ALLUMINIO TORNITO
TURNED ALUMINIUM HANDKNOB



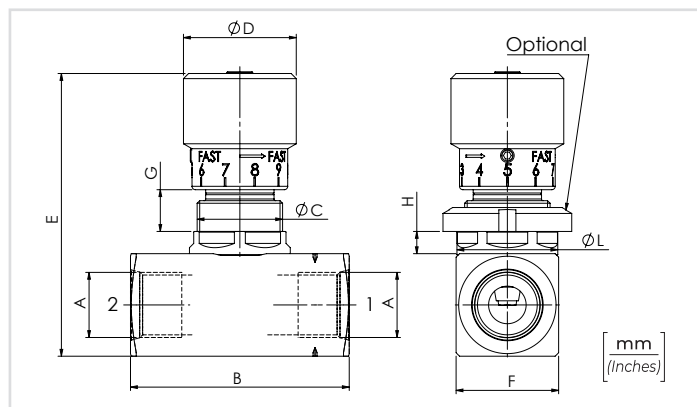
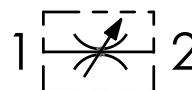
SAE STBF4 - STBF6 - STBF8

SAE STBF4S STBF12 - STBF16
STBF20 - STBF24

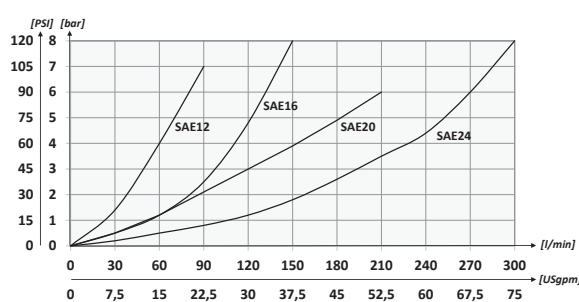
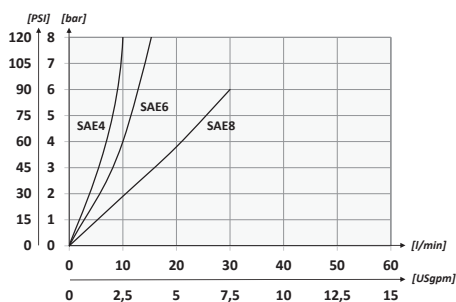
DATI TECNICI / TECHNICAL DATA

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)	

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



PERFORMANCES

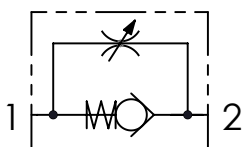


CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PRESSIONE MAX MAX PRESSURE bar-PSI	PRESSIONE MAX MAX PRESSURE bar-PSI	B	C	D	E	F	G	H	L	OPTIONAL TYPE	PESO APPROX (kg) APPROX WEIGHT (lbt)
STBF4S	7/16-20UNF	10 (2.6)	400 (5800)	54 (2.13)	M20x1	33 (1.30)	75 (2.95)	20 (0.79)	7,5 (0.29)	6 (0.24)	24,5 (0.96)	84100022	0,22 (0.48)
STBF4								25 (0.98)					0,34 (0.75)
STBF6													0,32 (0.71)
STBF8	9/16-18UNF	15 (4)		64 (2.52)	M25x1,5		81 (3.19)	30 (1.18)	9 (0.35)	7 (0.28)	29,5 (1.16)	84100023	0,48 (1.05)
STBF12	1-1/16-12UN	80 (21.1)						40 (1.57)					1,1 (2.42)
STBF16	1-5/16-12UN	150 (39.6)						45 (1.77)					1,45 (3.2)
STBF20	1-5/8-12UN	200 (52.8)	350 (5075)	102 (4.02)	M45x1,5	53 (2.09)	137 (5.39)	55 (2.17)	13,5 (0.53)	10 (0.39)	50 (1.96)	84100030	2,45 (5.39)
STBF24	1-7/8-12UN	300 (79.2)						65 (2.56)					3,17 (7)



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)	

CODICE ORDINAZIONE
ORDERING CODE

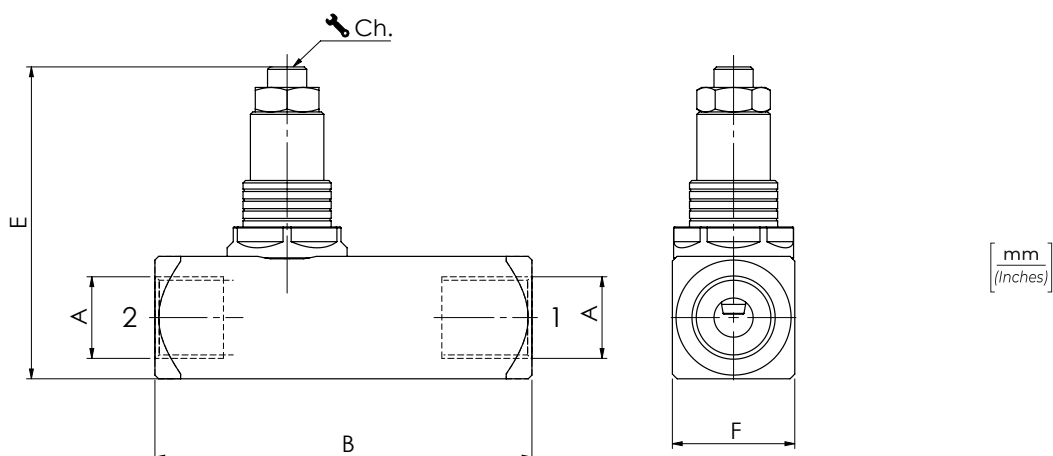
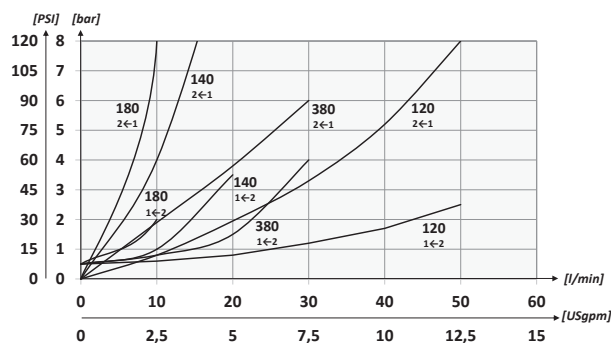
01

02

SVU

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI CON REGOLAZIONE ESAGONO AD INCASSATO (UNIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT)			SVU
02	DIMENSION (SIZE)	BSPP 1/8	180	
		BSPP 1/4	140	
		BSPP 3/8	380	
		BSPP 1/2	120	

PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

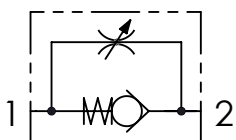
TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	E	F	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
SVU180	BSPP 1/8	10 (2.6)	400 (5800)	58 (2.28)	53 (2.09)	20 (0.79)	3	0,19 (0.42)
SVU140	BSPP 1/4	15 (4)		66 (2.60)	71,5 (2.81)	25 (0.98)	4	0,34 (0.75)
SVU380	BSPP 3/8	30 (7.9)		77 (3.03)				0,36 (0.80)
SVU120	BSPP 1/2	50 (13.2)		91 (3.58)	72 (2.83)	30 (1.18)	5	0,60 (1.3)

SVU-NPTF

VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI CON REGOLAZIONE A ESAGONO INCASSATO
UNIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



DATI TECNICI / TECHNICAL DATA

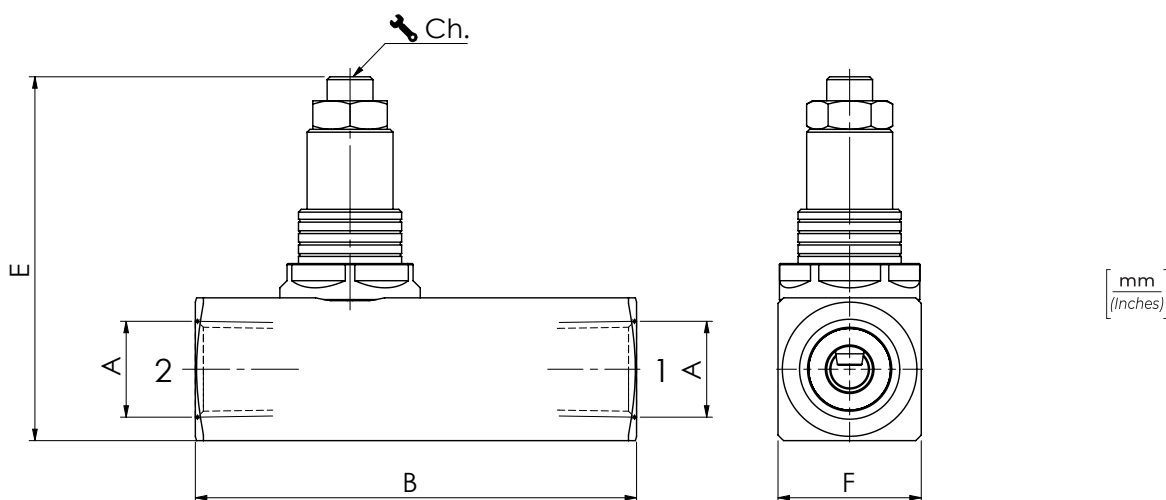
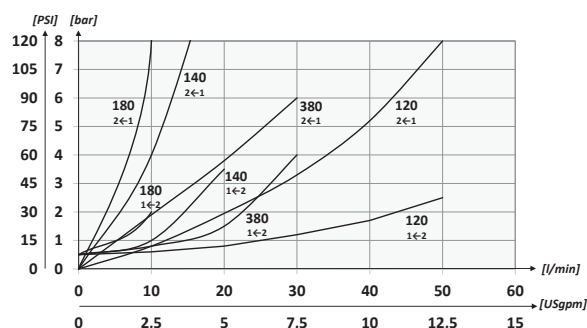
Olio idraulico - Mineral oil	ISO 6743/4 (DIN 51524)
Viscosità olio - Oil viscosity	15-250 mm ² /s (15 to 250 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura dell'olio - Oil temperature	-20°C +80°C -4°F +176°F
Temperatura ambiente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

CODICE ORDINAZIONE ORDERING CODE

01	02
SVU	

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI CON REGOLAZIONE ESAGONO AD INCASSATO (UNIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT)		SVU
02	DIMENSIONE (SIZE)	NPTF 1/8	180N
		NPTF 1/4	140N
		NPTF 3/8	380N
		NPTF 1/2	120N

PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	E	F	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
SVU180N	NPTF 1/8	10 (2.6)	400 (5800)	58 (2.28)	53 (2.08)	20 (0.79)	3	0,19 (0.42)
SVU140N	NPTF 1/4	15 (4)		66 (2.60)	68 (2.68)	25 (0.98)	4	0,37 (0.75)
SVU380N	NPTF 3/8	30 (7.9)		77 (3.03)				0,40 (0.9)
SVU120N	NPTF 1/2	50 (13.2)		91 (3.58)	72 (2.83)	30 (1.18)	5	0,60 (1.3)

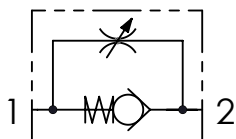

CODICE ORDINAZIONE
ORDERING CODE

01

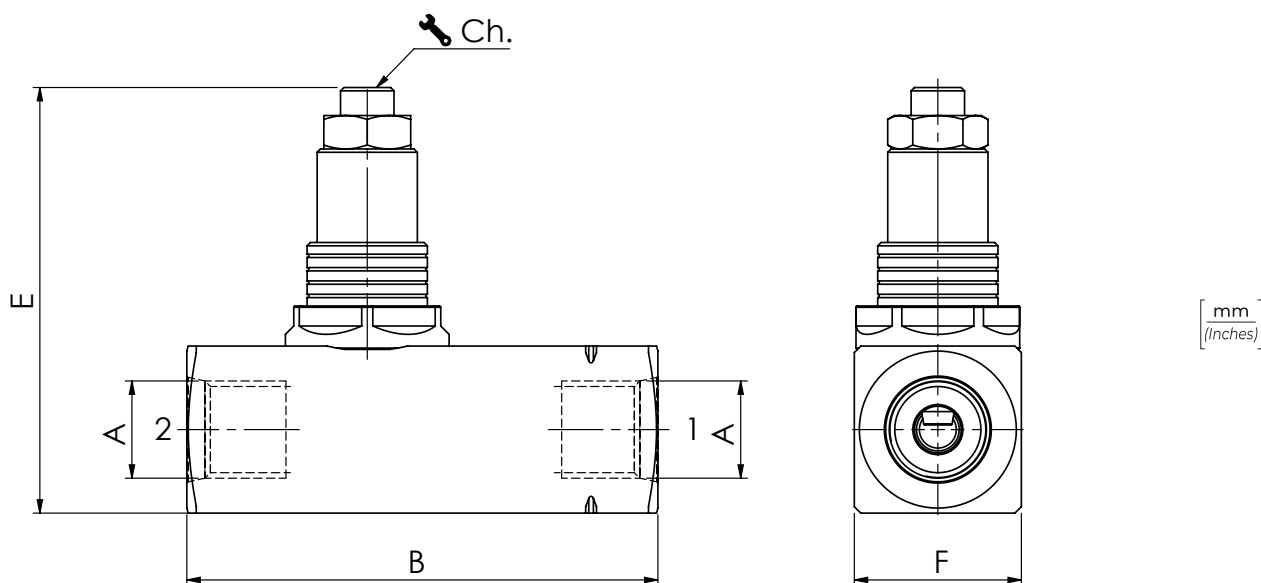
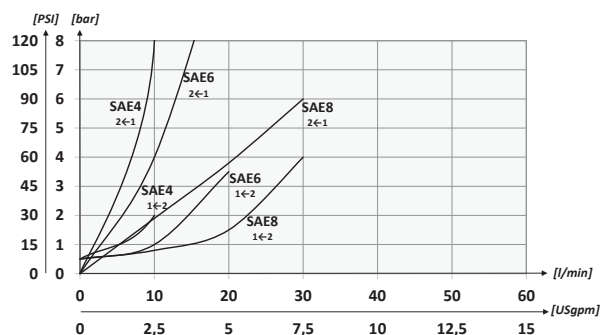
02

SVU

01	VALVOLE DI CONTROLLO FLUSSO UNIDIREZIONALI CON REGOLAZIONE AD ESAGONO INCASSATO (UNIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT)		SVU
02	DIMENSIONE (SIZE)	7/16-20UNF	4
		9/16-18UNF	6
		3/4-16UNF	8

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

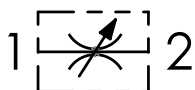
TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	E	F	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
SVU4	7/16-20UNF	10 (2.6)	400 (5800)	66 (2.60)	68 (2.68)	25 (0.98)	4	0,39 (0.85)
SVU6	9/16-18UNF	15 (4)		70,5 (2.78)				0,40 (0.9)
SVU8	3/4-16UNF	30 (7.9)		91 (3.58)	72 (2.83)	30 (1.18)	5	0,60 (1.3)

SVB-BSPP

VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI CON REGOLAZIONE A
ESAGONO INCASSATO
BIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT



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)	

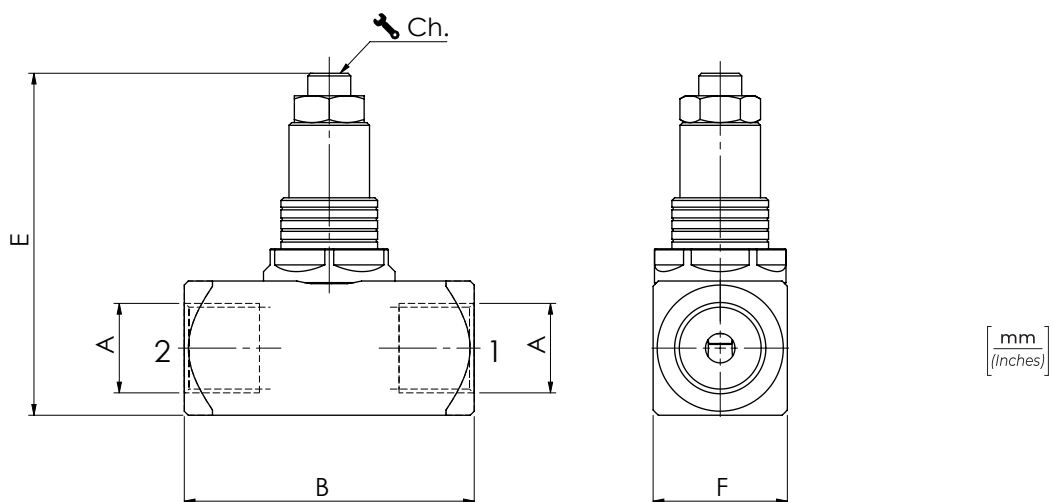
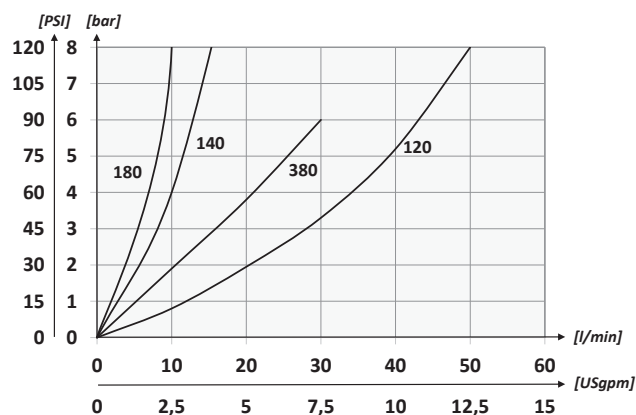
CODICE ORDINAZIONE ORDERING CODE

01
SVB

02

01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI CON REGOLAZIONE AD ESAGONO INCASSATO (BIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT)		SVB
02	DIMENSIONE (SIZE)	BSPP 1/8	180
		BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120

PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	E	F	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
SVB180	BSPP 1/8	10 (2.6)	400 (5800)	44 (1.73)	53 (2.09)	20 (0.79)	3	0,15 (0.33)
SVB140	BSPP 1/4	15 (4)		54 (2.13)	71,5 (2.81)	25 (0.98)	4	0,29 (0.70)
SVB380	BSPP 3/8	30 (7.9)		64 (2.52)	72 (2.83)	30 (1.18)	5	0,26 (0.57)
SVB120	BSPP 1/2	50 (13.2)						0,45 (1)

SVB-NPTF

VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI CON REGOLAZIONE A
ESAGONO INCASSATO
BIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT



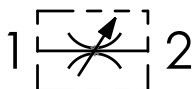
CODICE ORDINAZIONE
ORDERING CODE

01
SVB

02

01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI CON REGOLAZIONE ESAGONO AD INCASSATO (BIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT)		SVB
02	DIMENSIONE (SIZE)	NPTF 1/8	180N
		NPTF 1/4	140N
		NPTF 3/8	380N
		NPTF 1/2	120N

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

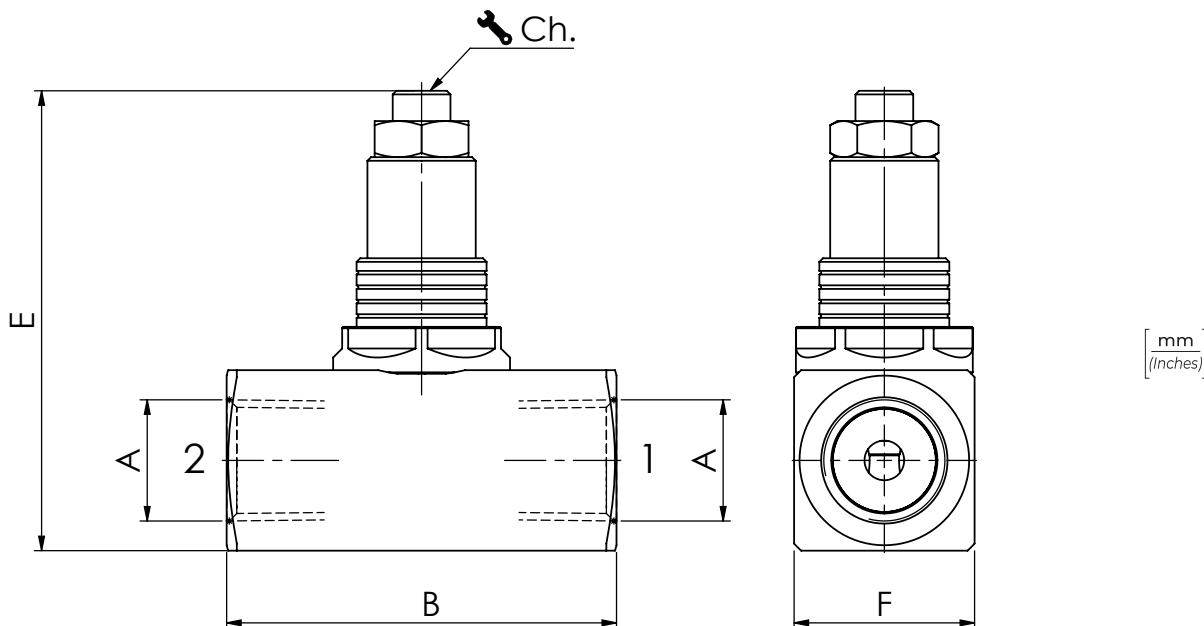
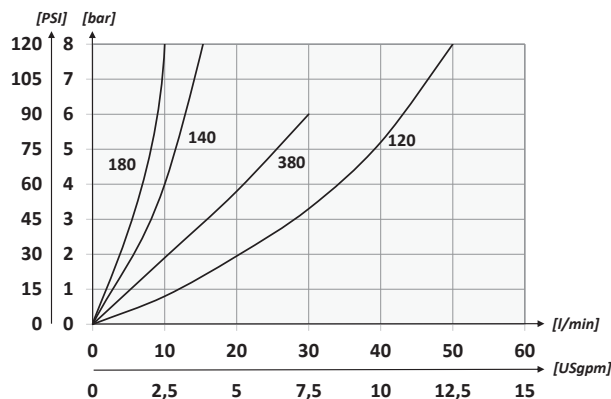


DATI TECNICI / TECHNICAL DATA

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 (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	E	F	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
SVB180N	NPTF 1/8	10 (2.6)	400 (5800)	44 (1.73)	53 (2.09)	20 (0.79)	3	0,15 (0.33)
SVB140N	NPTF 1/4	15 (4)		54 (2.13)	68 (2.68)	25 (0.98)	4	0,32 (0.71)
SVB380N	NPTF 3/8	30 (7.9)		64 (2.52)	72 (2.83)	30 (1.18)	5	0,30 (0.66)
SVB120N	NPTF 1/2	50 (13.2)						0,47 (1.03)



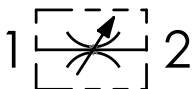
CODICE ORDINAZIONE
ORDERING CODE

01
SVB

02

01	VALVOLE DI CONTROLLO FLUSSO BIDIREZIONALI CON REGOLAZIONE AD ESAGONO INCASSATO (BIDIRECTIONAL FLOW CONTROL VALVES WITH HEXAGON SOCKET SCREW ADJUSTMENT)		SVB
02	DIMENSIONE (SIZE)	7/16-20UNF	4
		9/16-18UNF	6
		3/4-16UNF	8

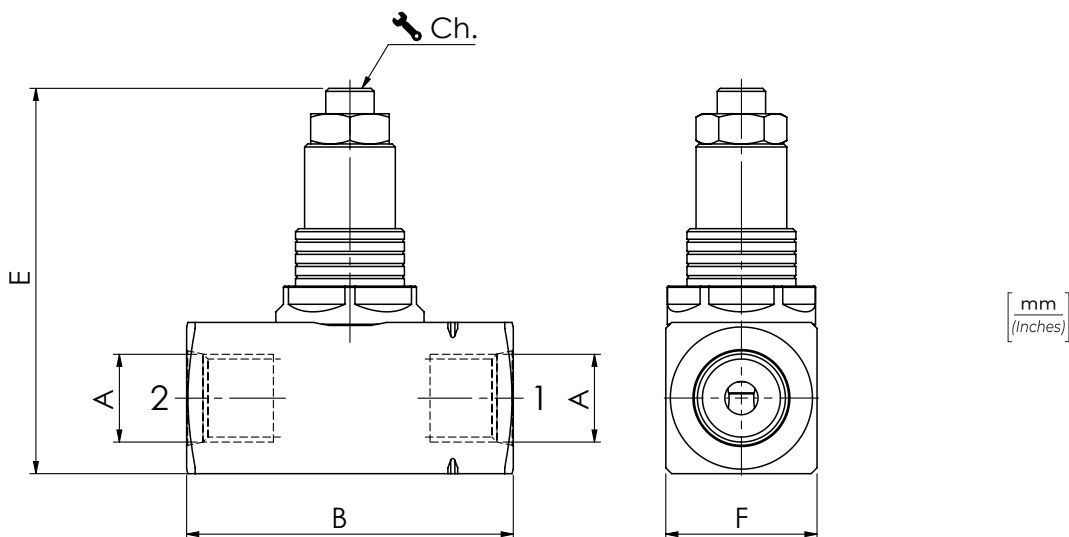
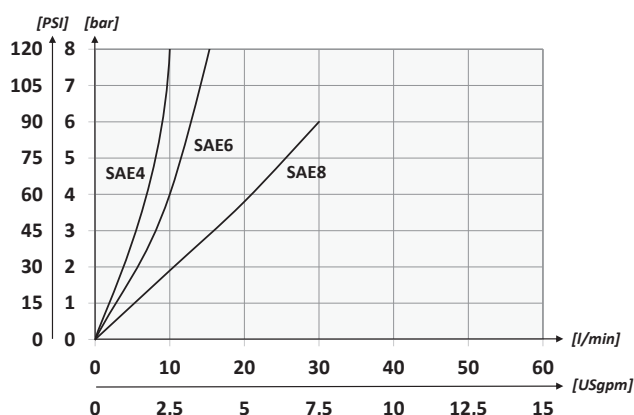
SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



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)			

PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

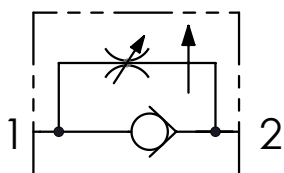
TIPO TYPE	A	PORTATA MAX MAX FLOW l/min-USgpm	PRESSIONE MAX MAX PRESSURE bar-PSI	B	E	F	Ch.	PESO APPROX (kg) APPROX WEIGHT (lb)
SVB4	7/16-20UNF	10 (2.6)	400 (5800)	54 (2.13)	68 (2.68)	25 (0.98)	4	0,32 (0.71)
SVB6	9/16-18UNF	15 (4)						0,30 (0.66)
SVB8	3/4-16UNF	30 (7.9)		64 (2.52)	72 (2.83)	30 (1.18)	5	0,45 (0.99)

VRC VALVOLE DI CONTROLLO FLUSSO 2 VIE COMPENSATE

2 WAYS FLOW CONTROL VALVES - PRESSURE COMPENSATED



SCHEMA IDRAULICO / HYDRAULIC CIRCUIT



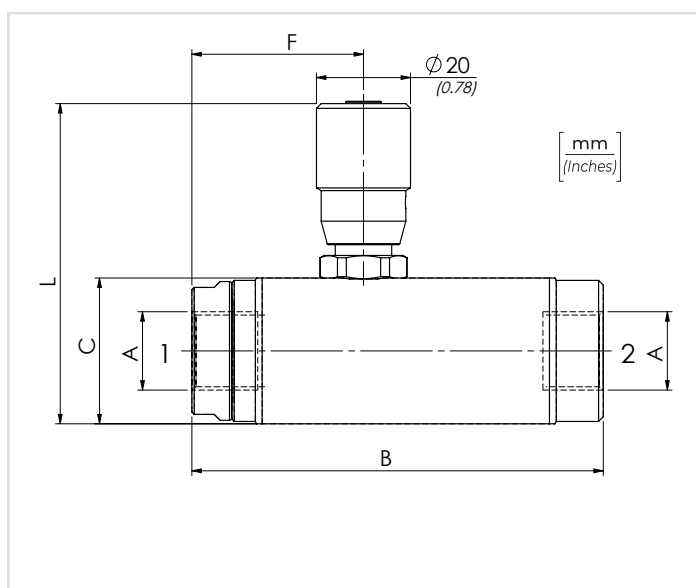
DATI TECNICI / TECHNICAL DATA

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)	

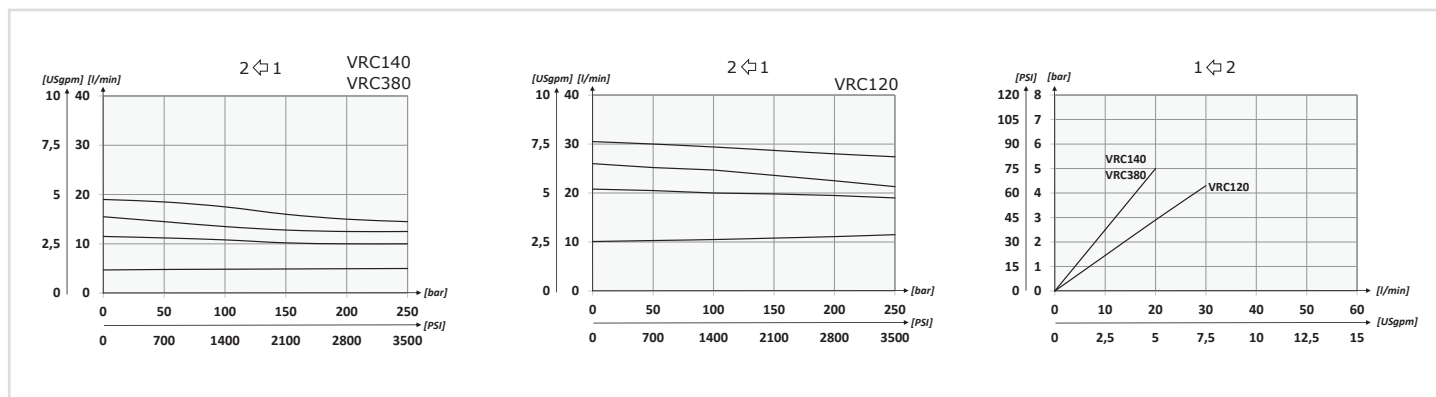
CODICE ORDINAZIONE ORDERING CODE

01	02
VRC	

01	VALVOLE DI CONTROLLO FLUSSO 2 VIE COMPENSATE (2 WAYS FLOW CONTROL VALVES - PRESSURE COMPENSATED)		VRC
02	DIMENSIONE (SIZE)	BSPP 1/4	140
		BSPP 3/8	380
		BSPP 1/2	120

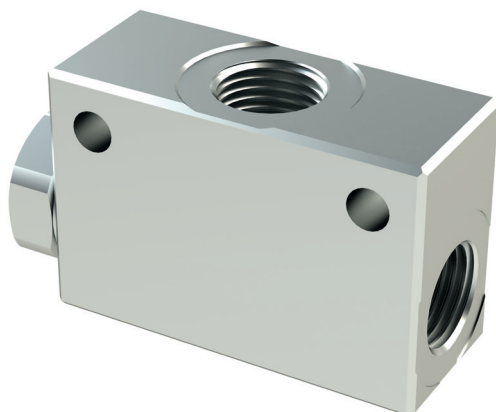


PERFORMANCES



CARATTERISTICHE TECNICHE / TECHNICAL CHARACTERISTICS

TIPO TYPE	A	PORTATA MAX (l/min) MAX FLOW (USgpm)	PRESSIONE MAX (bar) MAX PRESSURE (PSI)	B	C	F	L	PESO APPROX (kg) APPROX WEIGHT (lbt)
VRC140	BSPP 1/4	10 (2.6)	250 (3625)	87,5 (3.44)	31 (1.22)	36,5 (1.44)	68 (2.68)	0,51 (1.12)
VRC380	BSPP 3/8	18 (4.8)						0,50 (1.10)
VRC120	BSPP 1/2	33 (8.7)		107,5 (4.31)	36 (1.42)	46 (1.81)	73 (2.87)	0,76 (1.67)



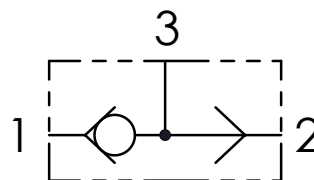
CODICE ORDINAZIONE
ORDERING CODE

01
VUSF

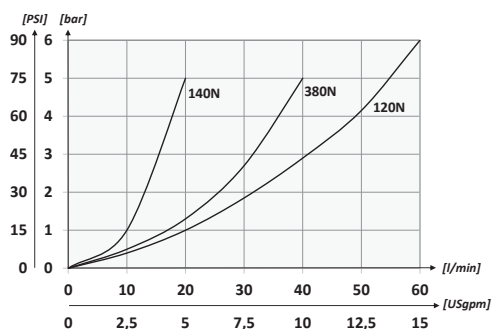
02

01	VALVOLE SELETTRICI (LOAD SHUTTLE VALVES)		VUSF
02	DIMENSIONE (SIZE)	BSPP 1/4	140N
		BSPP 3/8	380N
		BSPP 1/2	120N

SCHEMA IDRAULICO / HYDRAULIC CIRCUIT

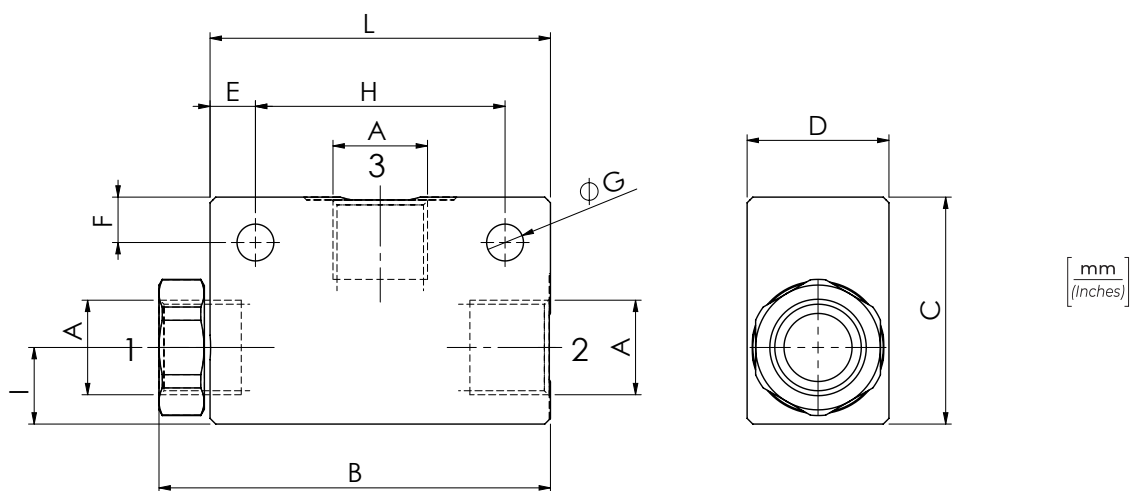


PERFORMANCES



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)	



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	I	L	PESO APPROX APPROX WEIGHT kg-lbt
VUSF140N	BSPP 1/4	20 (5.3)	350 (5075)	57,3 (2.26)	35 (1.38)	25 (0.98)	9 (0.35)	8 (0.31)	6,5 (0.26)	34 (1.34)	12 (0.47)	52 (2.05)	0,29 (0.65)
VUSF380N	BSPP 3/8	40 (10.6)		69 (2.72)	40 (1.57)		8 (0.31)			44 (1.73)	13,5 (0.53)	60 (2.36)	0,37 (0.81)
VUSF120N	BSPP 1/2	60 (15.8)		73,8 (2.90)	50 (1.97)	35 (1.38)	10 (0.39)	10 (0.39)	8,5 (0.33)	45 (1.79)	18 (0.71)	65 (2.56)	0,71 (1.56)