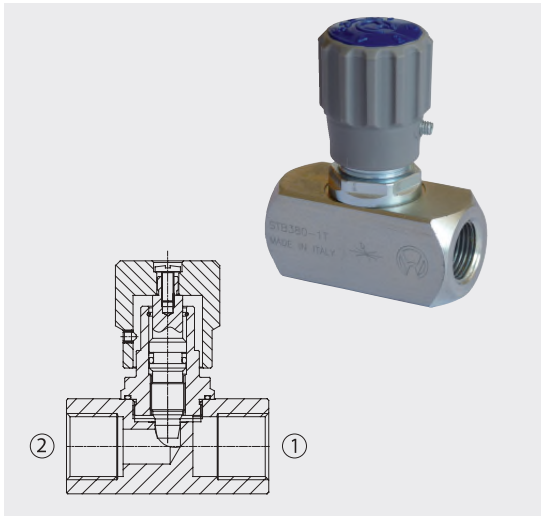




# STB-BSP

Valvole di controllo flusso bidirezionali  
Bidirectional flow control valves



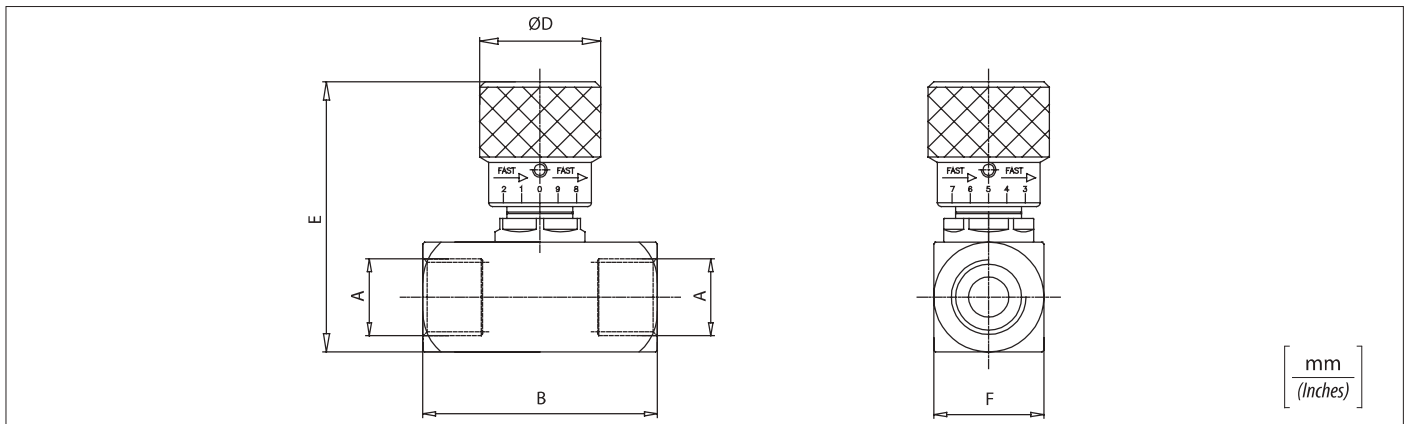
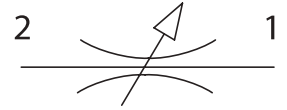
### Dati tecnici

#### Technical data

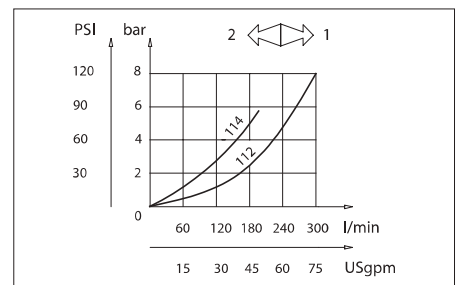
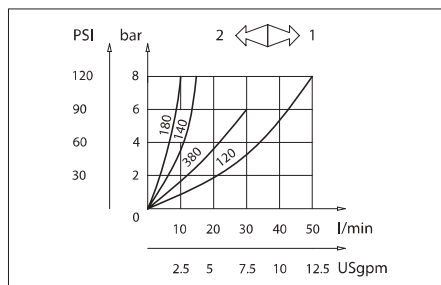
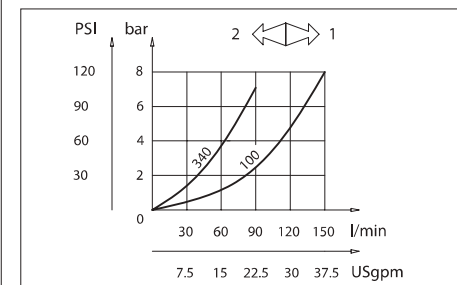
Olio idraulico Mineral oil	ISO 6743/4 DIN 51524
Viscosità fluido Fluid viscosity	10-500 mm <sup>2</sup> /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura del fluido Fluid temperature	-20°C +80°C -4°F + 176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F + 122°F

È indispensabile l'utilizzo di un filtro (filtrazione consigliata 15 micron) per proteggere la valvola

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



### Perdite di carico Pressure drops



### Caratteristiche tecniche / Technical performances

Codice Code	A	Portata max Max Flow l/min - USgpm	Pressione Max Max pressure bar / PSI	B	D	E	F	Peso approssimativo / Kg Approx weight / lb
STB180	BSPP 1/8	10 (2.5)	400 (5800)	44 (1.73)	20 (0.79)	53 (2.08)	20 (0.79)	0,16 (0.35)
STB140	BSPP 1/4	15 (4)		54 (2.13)	30 (1.18)	71,5 (2.81)	25 (0.98)	0,29 (0.70)
STB380	BSPP 3/8	30 (8)		64 (2.52)	33 (1.30)	72 (2.83)	30 (1.18)	0,26 (0.57)
STB120	BSPP 1/2	50 (13)		81 (3.19)	42 (1.65)	94 (3.70)	40 (1.57)	1,02 (2.25)
STB340	BSPP 3/4	80 (20)		102 (4.01)	53 (2.08)	121,5 (4.78)	55 (2.16)	2,2 (4.8)
STB100	BSPP 1	150 (40)		350 (5000)	131,5 (5.17)	65 (2.55)	99 (3.90)	45 (1.77)
STB114	BSPP 1-1/4	200 (50)						
STB112	BSPP 1-1/2	300 (80)						

### Codice ordinazione / Ordering code

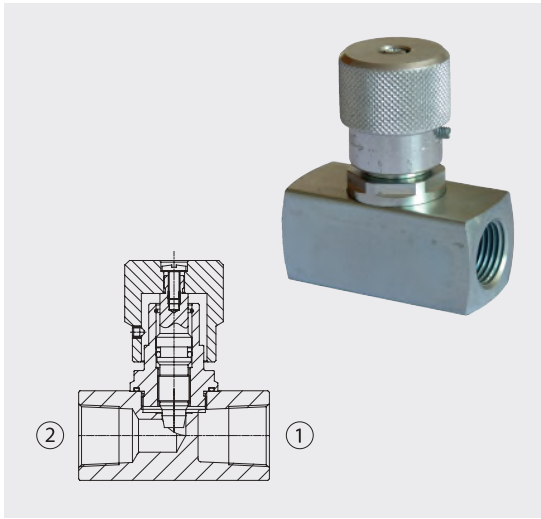
## STB - X

X	Dimensione / Size
180	BSPP 1/8
140	BSPP 1/4
380	BSPP 3/8
120	BSPP 1/2
340	BSPP 3/4
100	BSPP 1
114	BSPP 1-1/4
112	BSPP 1-1/2

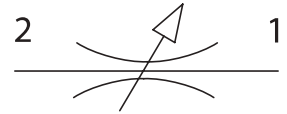


# STB-NPTF

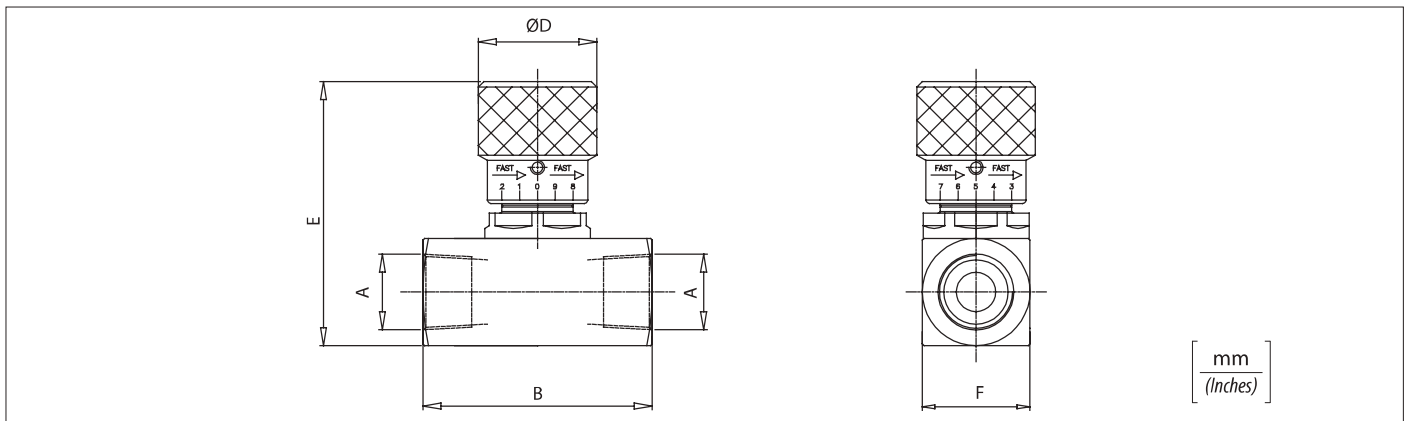
Valvole di controllo flusso bidirezionali  
Bidirectional flow control valves



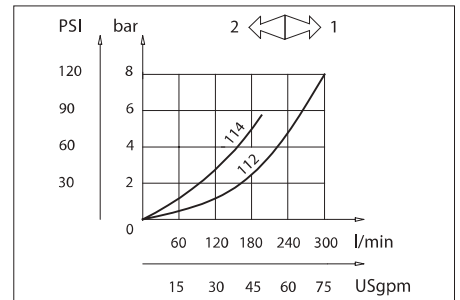
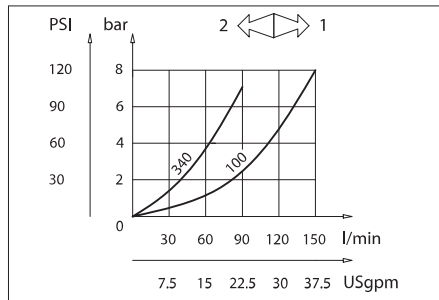
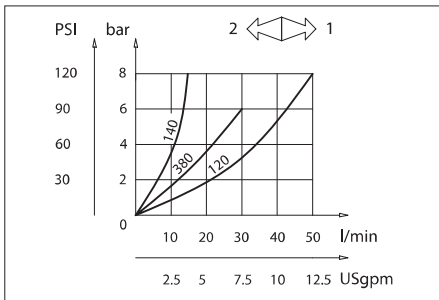
Dati tecnici Technical data	
Olio idraulico Mineral oil	ISO 6743/4 DIN 51524
Viscosità fluido Fluid viscosity	10-500 mm <sup>2</sup> /s 45 to 2000 ssu (6 to 420 cSt)
Classe di contaminazione max con filtro Max contamination index with filter	ISO 4406:1999 Classe 19/17/14
Temperatura del fluido Fluid temperature	-20°C +80°C -4°F + 176°F
Temperatura ambiente Ambient temperature	-20°C +50°C -4°F + 122°F



È indispensabile l'utilizzo di un filtro (filtrazione consigliata 15 micron) per proteggere la valvola  
It is necessary a filter use to protect the valve (advised filtration 15 micron)



## Perdite di carico Pressure drops



## Caratteristiche tecniche / Technical performances

Codice Code	A	Portata max Max Flow l/min - USgpm	Pressione Max Max pressure bar / PSI	B	D	E	F	Peso approssimativo / Kg Approx weight / lb	
STB180NPT	NPTF 1/8	10 (2.5)	400 (5800)	44 (1.73)	20 (0.79)	53 (2.08)	20 (0.79)	0,16 (0.35)	
STB140NPT	NPTF 1/4	15 (4)		54 (2.13)	30 (1.18)	68 (2.68)	25 (0.98)	0,32 (0.71)	
STB380NPT	NPTF 3/8	30 (8)		64 (2.52)	33 (1.30)	72 (2.84)	30 (1.18)	0,30 (0.66)	
STB120NPT	NPTF 1/2	50 (13)		81 (3.19)	42 (1.65)	94 (3.70)	40 (1.57)	1,05 (2.31)	
STB340NPT	NPTF 3/4	80 (21)		350 (5000)	102 (4.02)	53 (2.08)	99 (3.90)	45 (1.77)	1,34 (2.95)
STB100NPT	NPTF 1	150 (40)					121,5 (4.78)	55 (2.16)	2,27 (5.21)
STB114NPT	NPTF 1-1/4	200 (50)	131,5 (5.17)				65 (2.55)	3 (6.6)	
STB112NPT	NPTF 1-1/2	300 (80)							

## Codice ordinazione / Ordering code

### STB - X - NPT

**X**

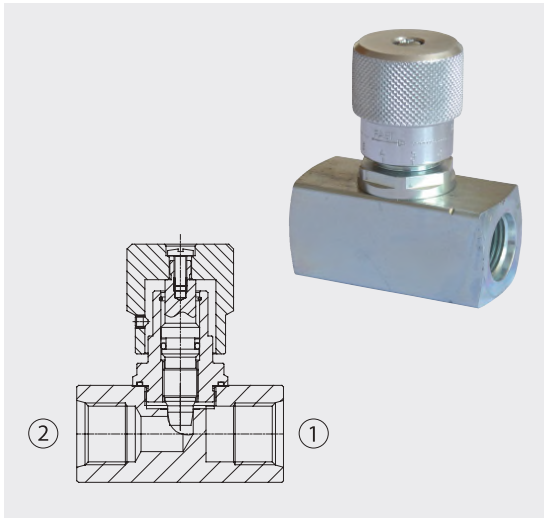
Dimensione / Size

180	NPTF 1/8
140	NPTF 1/4
380	NPTF 3/8
120	NPTF 1/2
340	NPTF 3/4
100	NPTF 1
114	NPTF 1-1/4
112	NPTF 1-1/2



# STB-**SAE** Valvole di controllo flusso bidirezionali

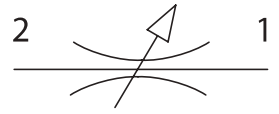
## Bidirectional flow control valves



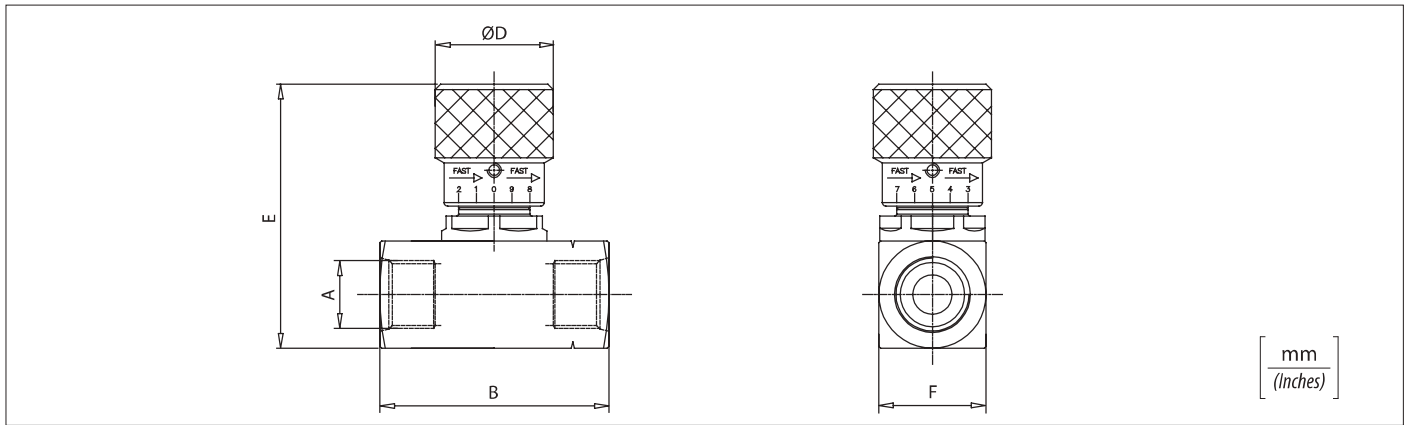
### Dati tecnici

#### Technical data

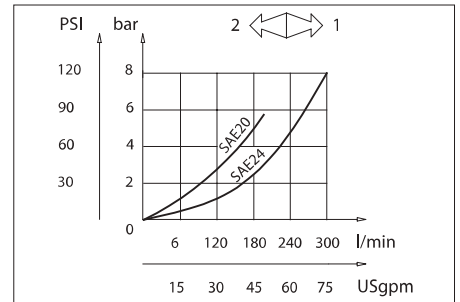
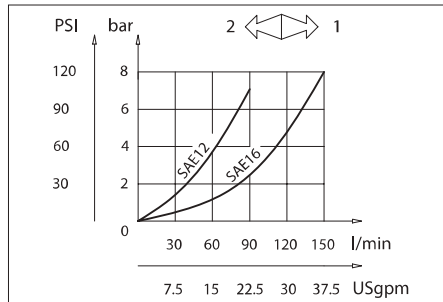
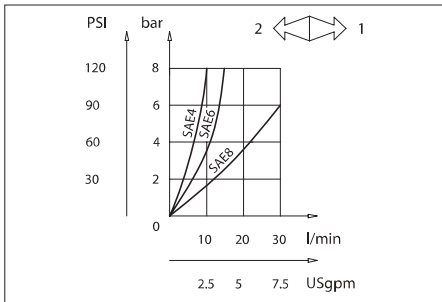
olio idraulico <i>Mineral oil</i>	ISO 6743/4 <i>DIN 51524</i>	
Viscosità fluido <i>Fluid viscosity</i>	10-500 mm <sup>2</sup> /s 45 to 2000 ssu (6 to 420 cSt)	
Classe di contaminazione max con filtro <i>Max contamination index with filter</i>	ISO 4406:1999 Classe 19/17/14	
Temperatura del fluido <i>Fluid temperature</i>	-20°C -4°F	+80°C +176°F
Temperatura ambiente <i>Ambient temperature</i>	-20°C -4°F	+50°C +122°F



È indispensabile l'utilizzo di un filtro (filtrazione consigliata 15 micron) per proteggere la valvola  
*It is necessary a filter use to protect the valve (advised filtration 15 micron)*



### Perdite di carico *Pressure drops*



### Caratteristiche tecniche / *Technical performances*

Codice Code	A	Portata max Max Flow l/min - USgpm	Pressione Max Max pressure bar / PSI	B	D	E	F	Peso approssimativo / Kg Approx weight / lb
STB4SAE	7/16 - 20UNF	15 (4)	400 (5800)	54 (2.13)	30 (1.18)	68 (2.68)	25 (0.98)	0,32 (0.71)
STB6SAE	9/16 - 18UNF	30 (28)		64 (2.52)	33 (1.30)	72 (2.83)	30 (1.18)	0,30 (0.66)
STB8SAE	3/4 - 16UNF	50 (13)		81 (3.19)	42 (1.65)	94 (3.70)	40 (1.57)	1 (2.2)
STB12SAE	1 - 1/16 - 12UN	80 (21)		99 (3.90)	45 (1.77)	121,5 (4.78)	55 (2.16)	1,35 (3)
STB16SAE	1 - 5/16 - 12UN	150 (40)		102 (4.02)	53 (2.08)	131,5 (5.17)	65 (2.55)	2,37 (5.21)
STB20SAE	1 - 5/8 - 12UN	200 (50)	350 (5000)					
STB24SAE	1 - 7/8 - 12UN	300 (80)						3 (6.6)

### Codice ordinazione / *Ordering code*

## STB - **X** - SAE

**X**

Dimensione / *Size*

4

7/16 - 20UNF

6

9/16 - 18UNF

8

3/4 - 16UNF

12

1 - 1/16 - 12UN

16

1 - 5/16 - 12UN

20

1 - 5/8 - 12UN

24

1 - 7/8 - 12UN