RACCORDI A FUNZIONE • *function fittings*

RACCORDI A FUNZIONE • *function fittings*

ISTRUZIONI PER IL CORRETTO USO DEI RACCORDI

- Non utilizzare i raccordi con fluidi diversi da quelli riportati nelle varie tabelle. Contattare l'Ufficio Tecnico Tierre Group per un uso diverso dei raccordi con altri fluidi.
- Si raccomanda di prevenire eventuali aumenti della pressione causati da vibrazioni, rotazioni e strappi del raccordo.
- Vibrazioni o rotazioni improprie del raccordo possono comprometterne la funzionalità e causare perdite. Scegliere il prodotto in base all'applicazione utilizzata tra l'ampia gamma di componenti del nostro catalogo.

WARNING FOR FITTINGS RIGHT USE

- *Do not use them on fluids other than indicated. Contact Tierre Group for use on other fluids.*
- *Be sure to prevent pressure buildup caused by twisting, pulling and bending of the fitting product.*
- *Product damage or air leakage may occur at places where there is rotation and vibration, choose the right product from our catalogue.*

PRECAUZIONI

- Assemblare i raccordi solo dopo aver eliminato eventuali impurità presenti.
- Fare riferimento alle tabelle "tolleranza diametro esterno tubo" per l'utilizzo di tutti i componenti.

CAUTION

- *Assemble the pipes only after clearing away impurities such as dust.*
- *Refer to the table of outer diameter tube tolerance table when using fittings.*

REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

LEGENDA CODICE • *Model designation*

WTN OT SX	SC SC SC	04 04 06	R01 G01 G02	D D	F F	IN
↓	↓	↓	↓	↓	↓	↓
Tipo Materiale *material used*	Codice *Code*	Diametro Tubo *tube diameter*	Filetto *thread size*	Tipo di regolazione *type of regulation*	Tipo di Aggancio Tubo *connection method*	Direzione del Flusso *flow direction*
WTN: PBT OT: Ottone - *brass* SX: Inox				D: a cacciavite *screwdriver*	F: femmina • *female thread*	Se Omesso OUT: per cilindri *if omitted OUT: for cylinders* IN: per valvole • *for valves* B: bidirezionale • *bidirectional*

Code	Size
04	4mm
06	6mm
08	8mm
10	10mm
12	12mm

Conico BSPT *BSPT thread*	
R01	R1/8"
R02	R1/4"
R03	R3/8"
R04	R1/2"

Metrico *metric thread*	
M5	M5x0,8P

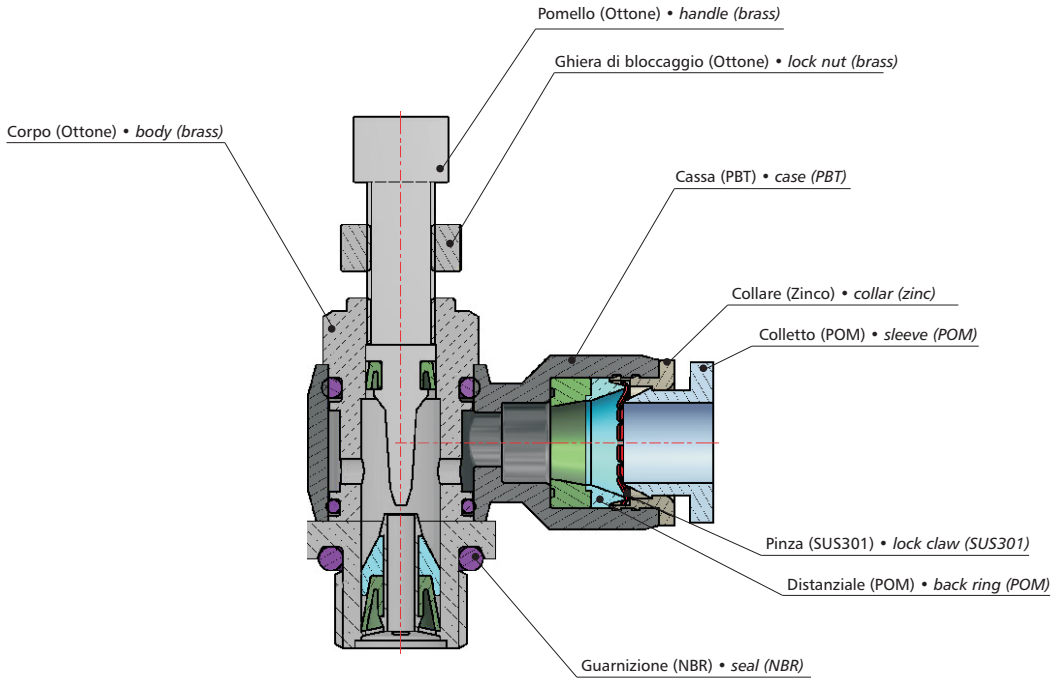
Cilindrico BSPP *BSPP thread*	
G01	G1/8"
G02	G1/4"
G03	G3/8"
G04	G1/2"

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

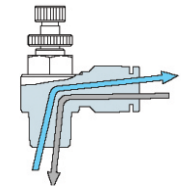
REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

REGOLATORI DI FLUSSO IN TECNOPOLIMERO • *plastic flow regulators*

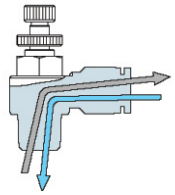
SEZIONE INTERNA • *Construction*



Versione "scarico" - OUT • *"exhaust" version - OUT*



Versione "alimentazione" - IN • *"supply" version - IN*



DATI TECNICI

Fluidi compatibili	Aria
Materiali costruttivi	Corpo: Ottone nichelato e PBT Pinza di Tenuta: acciaio SUS 301 O'Ring: NBR senza silicone
Tipo di regolazione	Manuale
Filettature	Gas Conica BSPT da R1/8" a R1/2" preteflonata Metrica M5 Gas Cilindrica BSPP con OR da G1/8" a G1/2"
Pressione d'esercizio	da 0 a 150 psi / da 0 a 10 Bar
Pressione negativa	-29,5 in Hg / -750mmHG (-750 torr)
Temperatura d'esercizio	da 32 a 140 °F / da 0°C a 60°C
Tubi da utilizzare	Poliammide (PA) Poliuretano (PU) Polietilene (PE)

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 REACH

Technical specifications

fluid types	*air*
constructions materials	*body: nickel plated brass & PBT* *lock claw: steel SUS 301* *o'ring: NBR silicon free*
type of regulation	*manual for NSC & NSC-G* *screwdriver: NSC (DC) & NSC-G (DC)*
threads	*BSPT from R1/8" a R1/2" teflon coated* *metric M5* *BSPP with OR from G1/8" to G1/2"*
working pressure	*from 0 to 150 psi / from 0 to 10 Bar*
negative pressure	*-29,5 in Hg / -750mmHG (-750 torr)*
working temperature	*from 32 to 140 °F / from 0°C to 60°C*
tubes used	*polyamide (PA)* *polyurethane (PU* *polyethylene (PE)*

products in compliance with the directive 2002/95/EC **RoHS**

products in compliance with the directive 1907/2006 REACH

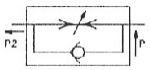
I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

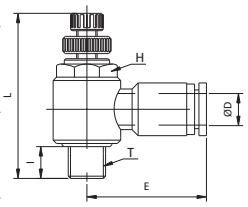
WTNSC

regolatore di flusso a banjo, conico BSPT per cilindri nichelato, con regolazione a pomello
banjo male elbow flow regulator BSPT thread for cylinders nickel plated with handle regulation

per cilindri - OUT
for cylinders - OUT

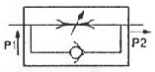


CODE	ØD	T	L(Max)	I	E	H(Hex)	Peso *Weight* (g)	
WTNSC 04R01	4	R1/8"	39,7	7,0	22,3	10	18,0	50
WTNSC 04R02		R1/4"	46,4	9,5	24,1	14	35,9	25
WTNSC 06R01	6	R1/8"	39,7	7,0	23,1	10	18,5	50
WTNSC 06R02		R1/4"	46,4	9,5	25,1	14	36,5	25
WTNSC 06R03		R3/8"	53,4	10,5	26,8	19	60,5	20
WTNSC 06R04 new		R1/2"	57,9	13,5	29,8	24	92,7	10
WTNSC 08R01	8	R1/8"	39,7	7,0	25,6	10	19,3	50
WTNSC 08R02		R1/4"	46,4	9,5	28,6	14	37,3	25
WTNSC 08R03		R3/8"	53,4	10,5	29,6	19	61,1	20
WTNSC 08R04		R1/2"	57,9	13,5	32,6	24	93,4	10
WTNSC 10R01 new	10	R1/8"	39,7	7,0	28,8	10	22,7	25
WTNSC 10R02		R1/4"	46,4	9,5	31,0	14	40,7	25
WTNSC 10R03		R3/8"	53,4	10,5	31,6	19	64,5	20
WTNSC 10R04		R1/2"	57,9	13,5	34,6	24	96,8	10
WTNSC 12R02	12	R1/4"	46,4	9,5	33,5	14	42,2	25
WTNSC 12R03		R3/8"	53,4	10,5	35,6	19	66,1	20
WTNSC 12R04		R1/2"	57,9	13,5	36,6	24	98,3	10

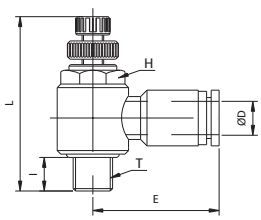


regolatore di flusso a banjo, conico BSPT per valvole nichelato, con regolazione a pomello
banjo male elbow flow regulator BSPT thread for valves nickel plated with handle regulation

per valvole- IN
for valves - IN



CODE	ØD	T	L(Max)	I	E	H(Hex)	Peso *Weight* (g)	
WTNSC 04R01-IN	4	R1/8"	39,7	7,0	22,3	10	18,0	50
WTNSC 04R02-IN		R1/4"	46,4	9,5	24,1	14	35,9	25
WTNSC 06R01-IN	6	R1/8"	39,7	7,0	23,1	10	18,5	50
WTNSC 06R02-IN		R1/4"	46,4	9,5	25,1	14	36,5	25
WTNSC 06R03-IN		R3/8"	53,4	10,5	26,8	19	60,5	20
WTNSC 06R04-IN new		R1/2"	57,9	13,5	29,8	24	92,7	10
WTNSC 08R01-IN	8	R1/8"	39,7	7,0	25,6	10	19,3	50
WTNSC 08R02-IN		R1/4"	46,4	9,5	28,6	14	37,3	25
WTNSC 08R03-IN		R3/8"	53,4	10,5	29,6	19	61,1	20
WTNSC 08R04-IN		R1/2"	57,9	13,5	32,6	24	93,4	10
WTNSC 10R01-IN new	10	R1/8"	39,7	7,0	28,8	10	22,7	25
WTNSC 10R02-IN		R1/4"	46,4	9,5	31,0	14	40,7	25
WTNSC 10R03-IN		R3/8"	53,4	10,5	31,6	19	64,5	20
WTNSC 10R04-IN		R1/2"	57,9	13,5	34,6	24	96,8	10
WTNSC 12R02-IN	12	R1/4"	46,4	9,5	33,5	14	42,2	25
WTNSC 12R03-IN		R3/8"	53,4	10,5	35,6	19	66,1	20
WTNSC 12R04-IN		R1/2"	57,9	13,5	36,6	24	98,3	10

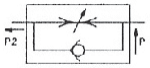


REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

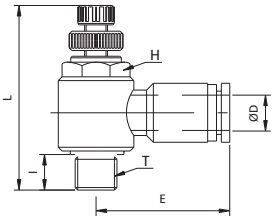
WTNSC

regolatore di flusso a banjo,cilindrico BSPP & metrico per cilindri nichelato, con regolazione a pomello
banjo male elbow flow regulator BSPP & metric thread for cylinders nickel plated with handle regulation

per cilindri - OUT
for cylinders - OUT

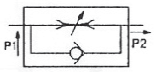


CODE	ØD	T	L(Max)	I	E	H(Hex)	Peso *Weight* (g)	
WTNSC 04M5		M5x0,8P	29,3	4,0	20,0	8	8,65	100
WTNSC 04G01	4	G1/8"	39,7	5,8	22,3	10	18,0	50
WTNSC 04G02		G1/4"	46,4	7,3	24,1	14	35,9	25
WTNSC 06M5		M5x0,8P	29,3	4,0	21,9	8	9,3	100
WTNSC 06G01		G1/8"	39,7	5,8	23,1	10	18,5	50
WTNSC 06G02	6	G1/4"	46,4	7,3	25,1	14	36,5	25
WTNSC 06G03		G3/8"	53,4	8,5	26,8	19	60,5	20
WTNSC 06G04		G1/2"	57,9	10,0	29,8	24	92,7	10
WTNSC 08G01		G1/8"	39,7	5,8	25,6	10	19,3	50
WTNSC 08G02	8	G1/4"	46,4	7,3	28,6	14	37,3	25
WTNSC 08G03		G3/8"	53,4	8,5	29,6	19	61,1	20
WTNSC 08G04		G1/2"	57,9	10,0	32,6	24	93,4	10
WTNSC 10G01		G1/8"	39,7	5,8	28,8	10	22,7	25
WTNSC 10G02	10	G1/4"	46,4	7,3	31,1	14	40,7	25
WTNSC 10G03		G3/8"	53,4	8,5	31,6	19	64,5	20
WTNSC 10G04		G1/2"	57,9	10,0	34,6	24	96,8	10
WTNSC 12G02		G1/4"	46,4	7,3	33,5	14	42,2	25
WTNSC 12G03	12	G3/8"	53,4	8,5	35,6	19	66,1	20
WTNSC 12G04		G1/2"	57,9	10,0	36,6	24	98,3	10

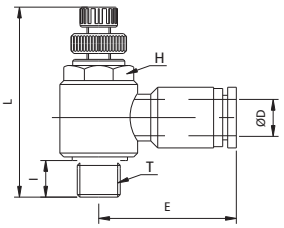


regolatore di flusso a banjo, cilindrico BSPP & metrico per valvole nichelato, con regolazione a pomello
banjo male elbow flow regulator BSPP & metric thread for valves nickel plated with handle regulation

per valvole- IN
for valves - IN



CODE	ØD	T	L(Max)	I	E	H(Hex)	Peso *Weight* (g)	
WTNSC 04M5-IN		M5x0,8P	29,3	4,0	20,0	8	8,65	100
WTNSC 04G01-IN	4	G1/8"	39,7	5,8	22,3	10	18,0	50
WTNSC 04G02-IN		G1/4"	46,4	7,3	24,1	14	35,9	25
WTNSC 06M5-IN		M5x0,8P	29,3	4,0	21,9	8	9,3	100
WTNSC 06G01-IN		G1/8"	39,7	5,8	23,1	10	18,5	50
WTNSC 06G02-IN	6	G1/4"	46,4	7,3	25,1	14	36,5	25
WTNSC 06G03-IN		G3/8"	53,4	8,5	26,8	19	60,5	20
WTNSC 06G04-IN		G1/2"	57,9	10,0	29,8	24	92,7	10
WTNSC 08G01-IN		G1/8"	39,7	5,8	25,6	10	19,3	50
WTNSC 08G02-IN	8	G1/4"	46,4	7,3	28,6	14	37,3	25
WTNSC 08G03-IN		G3/8"	53,4	8,5	29,6	19	61,1	20
WTNSC 08G04-IN		G1/2"	57,9	10,0	32,6	24	93,4	10
WTNSC 10G01-IN		G1/8"	39,7	5,8	28,8	10	22,7	25
WTNSC 10G02-IN	10	G1/4"	46,4	7,3	31,1	14	40,7	25
WTNSC 10G03-IN		G3/8"	53,4	8,5	31,6	19	64,5	20
WTNSC 10G04-IN		G1/2"	57,9	10,0	34,6	24	96,8	10
WTNSC 12G02-IN		G1/4"	46,4	7,3	33,5	14	42,2	25
WTNSC 12G03-IN	12	G3/8"	53,4	8,5	35,6	19	66,1	20
WTNSC 12G04-IN		G1/2"	57,9	10,0	36,6	24	98,3	10



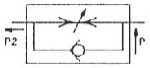
REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

WTFR

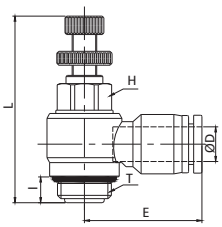
regolatore di flusso a banjo,cilindrico BSPP per cilindri nichelato, con regolazione a pomello
banjo male elbow flow regulator BSPP thread for cylinders nickel plated with handle regulation

NEW

per cilindri - OUT
for cylinders - OUT



CODE	ØD	T	I	L(Max)	E	H(Hex)	Peso *Weight* (g)	
WTFR 04G01	4	G1/8"	5,0	39,7	22,3	8	18,0	50
WTFR 04G02		G1/4"	6,0	45,5	24,1	12	35,9	25
WTFR 06G01	6	G1/8"	5,0	39,7	23,1	8	18,5	50
WTFR 06G02		G1/4"	6,0	45,5	25,1	12	36,5	25
WTFR 06G03		G3/8"	7,2	52,0	26,8	14	60,5	20
WTFR 06G04		G1/2"	8,2	58,0	29,8	17	92,7	10
WTFR 08G01	8	G1/8"	5,0	39,7	25,6	8	19,3	50
WTFR 08G02		G1/4"	6,0	45,5	28,6	12	37,3	25
WTFR 08G03		G3/8"	7,2	52,0	29,6	14	61,1	20
WTFR 08G04		G1/2"	8,2	58,0	32,6	17	93,4	10
WTFR 10G01	10	G1/8"	5,0	39,7	28,8	8	22,7	25
WTFR 10G02		G1/4"	6,0	45,5	31,1	12	40,7	25
WTFR 10G03		G3/8"	7,2	52,0	31,6	14	64,5	20
WTFR 10G04		G1/2"	8,2	58,0	34,6	17	96,8	10
WTFR 12G02	12	G1/4"	6,0	45,5	33,5	12	42,2	25
WTFR 12G03		G3/8"	7,2	52,0	35,6	14	66,1	20
WTFR 12G04		G1/2"	8,2	58,0	36,6	17	98,3	10



- **Regolazione più sensibile ed accurata / *regulation accuracy improved***

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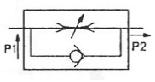
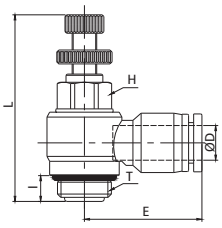
regolatore di flusso a banjo,cilindrico BSPP per cilindri nichelato, con regolazione a pomello
banjo male elbow flow regulator BSPP thread for cylinders nickel plated with handle regulation

NEW

per valvole- IN
for valves - IN



CODE	ØD	T	I	L(Max)	E	H(Hex)	Peso *Weight* (g)	
WTFR 04G01-IN	4	G1/8"	5,0	39,7	22,3	8	18,0	50
WTFR 04G02-IN		G1/4"	6,0	45,5	24,1	12	35,9	25
WTFR 06G01-IN	6	G1/8"	5,0	39,7	23,1	8	18,5	50
WTFR 06G02-IN		G1/4"	6,0	45,5	25,1	12	36,5	25
WTFR 06G03-IN		G3/8"	7,2	52,0	26,8	14	60,5	20
WTFR 06G04-IN		G1/2"	8,2	58,0	29,8	17	92,7	10
WTFR 08G01-IN	8	G1/8"	5,0	39,7	25,6	8	19,3	50
WTFR 08G02-IN		G1/4"	6,0	45,5	28,6	12	37,3	25
WTFR 08G03-IN		G3/8"	7,2	52,0	29,6	14	61,1	20
WTFR 08G04-IN		G1/2"	8,2	58,0	32,6	17	93,4	10
WTFR 10G01-IN	10	G1/8"	5,0	39,7	28,8	8	22,7	25
WTFR 10G02-IN		G1/4"	6,0	45,5	31,1	12	40,7	25
WTFR 10G03-IN		G3/8"	7,2	52,0	31,6	14	64,5	20
WTFR 10G04-IN		G1/2"	8,2	58,0	34,6	17	96,8	10
WTFR 12G02-IN	12	G1/4"	6,0	45,5	33,5	12	42,2	25
WTFR 12G03-IN		G3/8"	7,2	52,0	35,6	14	66,1	20
WTFR 12G04-IN		G1/2"	8,2	58,0	36,6	17	98,3	10



- **Regolazione più sensibile ed accurata / *regulation accuracy improved***

REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

REGOLATORI DI FLUSSO IN OTTONE • *brass flow regulators*

DATI TECNICI

Fluidi Compatibili	Aria e altri fluidi compatibili con i materiali costruttivi
Materiali costruttivi	Corpo: Ottone UNI EN 12164 CW614N Pinza di Tenuta: acciaio AISI 316 (1.4401) O'Ring: NBR senza silicone
Tipo di regolazione	Manuale: OTSC A Cacciavite: OTSC-D e OTSC-DF
Filettature	BSPP Cilindrica con OR da G1/8" a G1/2" Metrica M5
Pressione d'esercizio	da tubo Ø 4mm a Ø 8mm: 15 Bar fino a 50°C e 10 Bar>50°C da tubo Ø 10 a Ø 12mm: 10 Bar fino a 50°C e 6 Bar>50°C
Temperatura d'esercizio	da -20°C a 70°C
Tubi utilizzabili	Poliammide (PA) Poliuretano (PU) Polietilene (PE)

Technical specifications

fluid types	*air and fluids suitable with construction materials*
construction materials	*body: brass UNI EN 12164 CW614N* *lock claw: stainless steel AISI 316 (1.4401)* *o'ring: NBR silicon free*
type of regulation	*manual for OTSC* *screwdriver: OTSC-D & OTSC-DF*
threads	*BSPP with OR from G1/8" to G1/2"* *metric M5*
working pressure	*from tube Ø 4 mm to Ø 8 mm:* *15 Bar up to 50°C & 10 Bar>50°C* *from tube Ø 10 mm to Ø 12 mm:* *10 Bar up to 50°C & 6 Bar>50°C*
working temperature	*from -20°C to 70°C*
applicable tubes	*polyamide (PA)* *polyurethane (PU)* *polyethylene (PE)*

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS

products in compliance with the directive 1907/2006 REACH

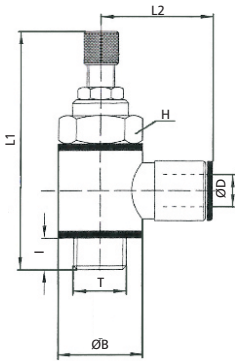
I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

OTSC

regolatore di flusso manuale girevole, cilindrico BSPP per cilindri
manual swivel flow regulator BSPP thread for cylinders

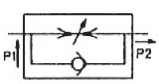
per cilindri - OUT
for cylinders - OUT

CODE	ØD	T	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
OTSC 04G01	4	G1/8"	5,0	14,0	49,0	20,5	14	310	36,0	50
OTSC 06G01	6	G1/8"	5,0	14,0	49,0	23,0	14	390	38,0	50
OTSC 06G02		G1/4"	6,0	18,0	56,5	24,0	17	710	65,0	50
OTSC 08G01	8	G1/8"	5,0	14,0	49,0	24,5	14	390	39,0	50
OTSC 08G02		G1/4"	6,0	18,0	56,5	26,0	17	810	66,0	50
OTSC 10G02	10	G1/4"	6,0	18,0	56,5	27,0	17	810	69,0	25
OTSC 12G02	12	G1/4"	6,0	18,0	56,5	28,0	17	810	70,0	25

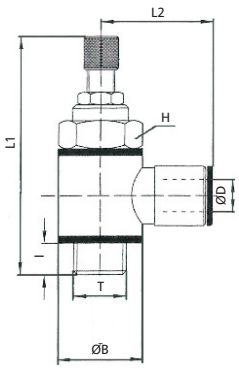


regolatore di flusso manuale girevole, cilindrico BSPP per valvole
manual swivel flow regulator BSPP thread for valves

per valvole- IN
for valves - IN

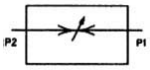


CODE	ØD	T	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
OTSC 04G01-IN	4	G1/8"	5,0	14,0	49,0	20,5	14	310	36,0	50
OTSC 06G01-IN	6	G1/8"	5,0	14,0	49,0	23,0	14	390	38,0	50
OTSC 06G02-IN		G1/4"	6,0	18,0	56,5	24,0	17	710	65,0	50
OTSC 08G01-IN	8	G1/8"	5,0	14,0	49,0	24,5	14	390	39,0	50
OTSC 08G02-IN		G1/4"	6,0	18,0	56,5	26,0	17	810	66,0	50
OTSC 10G02-IN	10	G1/4"	6,0	18,0	56,5	27,0	17	810	69,0	25
OTSC 12G02-IN	12	G1/4"	6,0	18,0	56,5	28,0	17	810	70,0	25

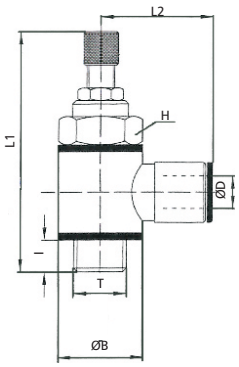


regolatore di flusso manuale girevole, cilindrico BSPP bidirezionale
manual swivel flow regulator BSPP thread bidirectional

bidirezionale
bidirectional



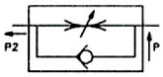
CODE	ØD	T	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
OTSC 04G01-B	4	G1/8"	5,0	14,0	49,0	20,5	14	310	36,0	50
OTSC 06G01-B	6	G1/8"	5,0	14,0	49,0	23,0	14	390	38,0	50
OTSC 06G02-B		G1/4"	6,0	18,0	56,5	24,0	17	710	65,0	50
OTSC 08G01-B	8	G1/8"	5,0	14,0	49,0	24,5	14	390	39,0	50
OTSC 08G02-B		G1/4"	6,0	18,0	56,5	26,0	17	810	66,0	50
OTSC 10G02-B	10	G1/4"	6,0	18,0	56,5	27,0	17	810	69,0	25
OTSC 12G02-B	12	G1/4"	6,0	18,0	56,5	28,0	17	810	70,0	25



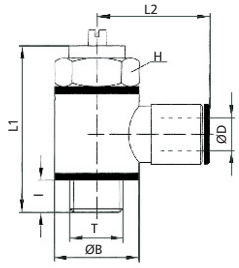
regolatore di flusso a cacciavite orientabile cilindrico BSPP & metrico per cilindri
screwdriver flow regulator BSPP & metric thread for cylinders

OTSC-D

per cilindri - OUT
for cylinders - OUT

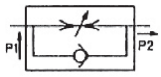


	CODE	ØD	T	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
NEW	**OTSC 04M5-D**	4	M5	4,0	9	25,0	18,0	8	45	14,0	50
	OTSC 04G01-D		G1/8"	5,0	14,0	32,0	20,5	14	310	31,0	50
NEW	**OTSC 06M5-D**	6	M5	4,0	9	25,0	19,5	8	45	15,5	50
	OTSC 06G01-D		G1/8"	5,0	14,0	32,0	23,0	14	390	33,0	50
	OTSC 06G02-D		G1/4"	6,0	18,0	37,0	24,0	17	710	55,0	50
	OTSC 08G01-D	8	G1/8"	5,0	14,0	32,0	24,5	14	390	34,0	50
	OTSC 08G02-D		G1/4"	6,0	18,0	37,0	26,0	17	810	56,0	50
	OTSC 08G03-D		G3/8"	6,5	21,0	46,5	27,0	20	1050	87,0	25
	OTSC 10G02-D	10	G1/4"	6,0	18,0	37,0	27,0	17	810	58,5	25
	OTSC 10G03-D		G3/8"	6,5	21,0	46,5	28,0	20	1050	88,0	25
	OTSC 12G02-D	12	G1/4"	6,0	18,0	37,0	28,0	17	810	59,0	25
	OTSC 12G03-D		G3/8"	6,5	21,0	46,5	29,0	20	1050	89,0	25

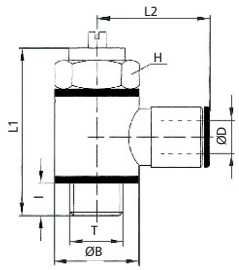


regolatore di flusso a cacciavite orientabile cilindrico BSPP & metrico per valvole
screwdriver flow regulator BSPP & metric thread for valves

per valvole- IN
for valves - IN

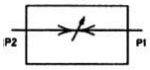


	CODE	ØD	T	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
NEW	**OTSC 04M5-D-IN**	4	M5	4,0	9	25,0	18,0	8	45	14,0	50
	OTSC 04G01-D-IN		G1/8"	5,0	14,0	32,0	20,5	14	310	31,0	50
NEW	**OTSC 06M5-D-IN**	6	M5	4,0	9	25,0	19,5	8	45	15,5	50
	OTSC 06G01-D-IN		G1/8"	5,0	14,0	32,0	23,0	14	390	33,0	50
	OTSC 06G02-D-IN		G1/4"	6,0	18,0	37,0	24,0	17	710	55,0	50
	OTSC 08G01-D-IN	8	G1/8"	5,0	14,0	32,0	24,5	14	390	34,0	50
	OTSC 08G02-D-IN		G1/4"	6,0	18,0	37,0	26,0	17	810	56,0	50
	OTSC 08G03-D-IN		G3/8"	6,5	21,0	46,5	27,0	20	1050	87,0	25
	OTSC 10G02-D-IN	10	G1/4"	6,0	18,0	37,0	27,0	17	810	58,5	25
	OTSC 10G03-D-IN		G3/8"	6,5	21,0	46,5	28,0	20	1050	88,0	25
	OTSC 12G02-D-IN	12	G1/4"	6,0	18,0	37,0	28,0	17	810	59,0	25
	OTSC 12G03-D-IN		G3/8"	6,5	21,0	46,5	29,0	20	1050	89,0	25

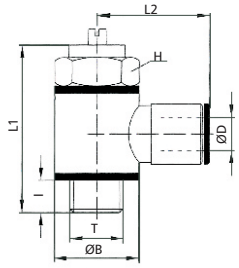


regolatore di flusso a cacciavite orientabile cilindrico BSPP & metrico bidirezionale
screwdriver flow regulator BSPP & metric thread bidirectional

bidirezionale
bidirectional



	CODE	ØD	T	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
NEW	**OTSC 04M5-D-B**	4	M5	4,0	9	25,0	18,0	8	45	14,0	50
	OTSC 04G01-D-B		G1/8"	5,0	14,0	32,0	20,5	14	310	31,0	50
NEW	**OTSC 06M5-D-B**	6	M5	4,0	9	25,0	19,5	8	45	15,5	50
	OTSC 06G01-D-B		G1/8"	5,0	14,0	32,0	23,0	14	390	33,0	50
	OTSC 06G02-D-B		G1/4"	6,0	18,0	37,0	24,0	17	710	55,0	50
	OTSC 08G01-D-B	8	G1/8"	5,0	14,0	32,0	24,5	14	390	34,0	50
	OTSC 08G02-D-B		G1/4"	6,0	18,0	37,0	26,0	17	810	56,0	50
	OTSC 08G03-D-B		G3/8"	6,5	21,0	46,5	27,0	20	1050	87,0	25
	OTSC 10G02-D-B	10	G1/4"	6,0	18,0	37,0	27,0	17	810	58,5	25

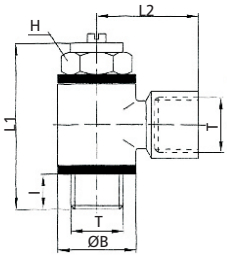


REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

OTSC-DF

regolatore di flusso a cacciavite femmina cilindrico BSPP & metrico per cilindri
screwdriver female flow regulator BSPP & metric thread for cylinders

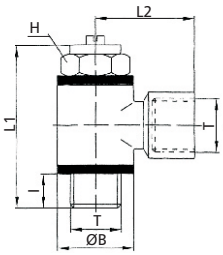
	CODE	T1	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
NEW	**OTSC M5-DF**	M5	4,0	9	25,0	11,5	8	45	10,0	50
	OTSC G01-DF	G1/8"	5,0	14	32,0	21,0	14	310	34,0	50
	OTSC G02-DF	G1/4"	6,0	18	37,0	25,5	17	450	64,0	50
	OTSC G03-DF	G3/8"	7,0	21	46,0	26,0	20	1040	88,0	25
	OTSC G04-DF	G1/2"	10,0	26	52,5	32,0	26	2200	187,0	25



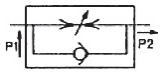
per cilindri - OUT
for cylinders - OUT

regolatore di flusso a cacciavite femmina cilindrico BSPP & metrico per valvole
screwdriver female flow regulator BSPP & metric thread for valves

	CODE	T1	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
NEW	**OTSC M5-DF-IN**	M5	4,0	9	25,0	11,5	8	45	10,0	50
	OTSC G01-DF-IN	G1/8"	5,0	14	32,0	21,0	14	310	34,0	50
	OTSC G02-DF-IN	G1/4"	6,0	18	37,0	25,5	17	450	64,0	50
	OTSC G03-DF-IN	G3/8"	7,0	21	46,0	26,0	20	1040	88,0	25
	OTSC G04-DF-IN	G1/2"	10,0	26	52,5	32,0	26	2200	187,0	25

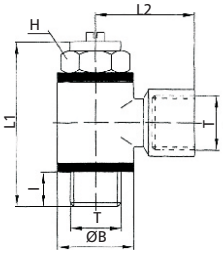


per valvole- IN
for valves - IN

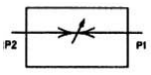


regolatore di flusso a cacciavite femmina cilindrico BSPP & metrico bidirezionale
screwdriver female flow regulator BSPP & metric thread bidirectional

	CODE	T1	I	ØB	L1	L2	H(Hex)	Nl/min	Peso Weight(g)	
NEW	**OTSC M5-DF-B**	M5	4,0	9	25,0	11,5	8	45	10,0	50
	OTSC G01-DF-B	G1/8"	5,0	14	32,0	21,0	14	310	34,0	50
	OTSC G02-DF-B	G1/4"	6,0	18	37,0	25,5	17	450	64,0	50
	OTSC G03-DF-B	G3/8"	7,0	21	46,0	26,0	20	1040	88,0	25
	OTSC G04-DF-B	G1/2"	10,0	26	52,5	32,0	26	2200	187,0	25



bidirezionale
bidirectional



REGOLATORI DI FLUSSO A BANJO • *banjo flow regulators*

REGOLATORI DI FLUSSO A BANJO INOX AISI 316
banjo flow regulators INOX AISI 316

DATI TECNICI — AISI 316

Fluidi compatibili	Aria e altri fluidi compatibili con i materiali costruttivi
Applicazioni	Settore Alimentare, Chimico, Medicale Farmaceutico e Nautico
Materiali costruttivi	Corpo: acciaio INOX AISI 316 Pinza di Tenuta: acciaio Aisi 303 O'Ring: Viton
Tipo di regolazione	A Cacciavite
Filettature	BSPP Cilindrica con OR da G1/8" a G1/2"
Pressione d'esercizio	fino a 10 bar
Temperatura d'esercizio	fino a 120 °C
Tubi utilizzabili	Polietilene (PE) Teflon Calibrato PTFE Fluoropolimero FEP 140

Technical specifications — AISI 316

fluid types	*air and fluids suitable with construction materials*
applications	*food, chemical, medical, pharmaceutical & marine applications*
construction materials	*body: stainless steel AISI 316* *lock claw: stainless steel AISI 303* *o'ring: viton*
type of regulation	*screwdriver*
threads	*BSPP with OR from G1/8" to G1/2"*
working pressure	*up to 10 Bar*
working temperature	*up to 120°C*
applicable tubes	*polyethylene (PE)* *Calibrated Teflon PTFE* *Fluoropolymer FEP 140*

Prodotti conformi alla direttiva 2002/95/EC RoHS
Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

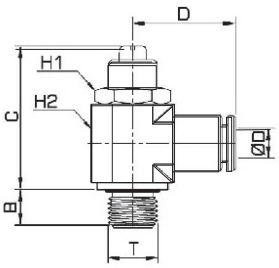
SXSC-D

regolatore di flusso a cacciavite cilindrico BSPP per cilindri in AISI 316
screwdriver flow regulator BSPP thread in for cylinders AISI 316

AISI 316

CODE	ØD	T	B	C	D	E	H1(Hex)	H2(Hex)	
SXSC 06G01-D	6	G1/8"	6	38	24	8	14,3	16	1
SXSC 06G02-D		G1/4"	8	40	28	12	17,4	19	1
SXSC 08G01-D	8	G1/8"	6	38	24	8	14,3	16	1
SXSC 08G02-D		G1/4"	8	40	28	12	17,4	19	1
SXSC 10G02-D	10	G1/4"	8	40	28	12	17,4	19	1

per cilindri - OUT
for cylinders - OUT

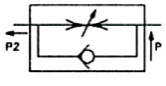


SXSC-DF

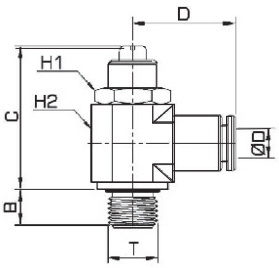
regolatore di flusso a cacciavite femmina cilindrico BSPP per cilindri in AISI 316
screwdriver female flow regulator BSPP thread for cylinders in AISI 316

AISI 316

CODE	T	B	C	D	E	H1(Hex)	H2(Hex)	
SXSC 01-DF	G1/8"	6	38	21	8	14,3	16	1
SXSC 02-DF	G1/4"	8	40	25	12	17,4	19	1
SXSC 03-DF	G3/8"	8	53	28	12	20,6	22	1
SXSC 04-DF	G1/2"	10	69	31	15	24,0	28	1



per cilindri - OUT
for cylinders - OUT



REGOLATORI DI FLUSSO IN LINEA • *flat flow regulators*

LEGENDA CODICE • *Model designation*

WTN	SF		04
X	SF	U	01
A	SF	B	01
↓	↓	↓	↓
Tipo Materiale *material used*	Codice *Code*	Tipo *type*	Diametro Tubo/Filetto *tube diameter/thread*

WTN: PBT
X: INOX AISI 316
A: Alluminio - *aluminium*

U: Unidirezionale
U: unidirectional

B: Bidirezionale
B: bidirectional

Code	Size
04	4mm
06	6mm
08	8mm
10	10mm
12	12mm

FILETTO BSPP *BSPP thread*	
01	G 1/8"
02	G 1/4"
03	G 3/8"
04	G 1/2"

FILETTO NPT *NPT thread*	
N 02	N 1/4"
N 04	N 1/2"

REGOLATORI DI FLUSSO IN LINEA IN TECNOPOLIMERO
plastic flat flow regulators

DATI TECNICI

Fluidi compatibili	Aria
Materiali costruttivi	PBT
Tipo di regolazione	Manuale con pomello
Pressione d'esercizio	da 0 a 150 psi / da 0 a 10 Bar
Pressione negativa	-29,5 in Hg / -750mmHG (-750 torr)
Temperatura d'esercizio	da 32 a 140 °F / da 0°C a 60°C
Tubi da utilizzare	Poliammide (PA) Poliuretano (PU) Polietilene (PE)

Technical specifications

fluid types	*air*
materials construction	*PBT*
type of regulation	*manual*
working pressure	*from 0 to 150 psi / from 0 to 10 Bar*
negative pressure	*-29,5 in Hg / -750mmHG (-750 torr)*
working temperature	*from 32 to 140 °F / from 0°C to 60°C*
tubes used	*polyamide (PA)* *polyurethane (PU* *polyethylene (PE)*

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS

products in compliance with the directive 1907/2006 REACH

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RACCORDI A FUNZIONE • *function fittings*

ISTRUZIONI PER IL CORRETTO USO DEI RACCORDI

- Non utilizzare i raccordi con fluidi diversi da quelli riportati nelle varie tabelle. Contattare l'Ufficio Tecnico Tierre Group per un uso diverso dei raccordi con altri fluidi.
- Si raccomanda di prevenire eventuali aumenti della pressione causati da vibrazioni, rotazioni e strappi del raccordo.
- Vibrazioni o rotazioni improprie del raccordo possono comprometterne la funzionalità e causare perdite. Scegliere il prodotto in base all'applicazione utilizzata tra l'ampia gamma di componenti del nostro catalogo.

WARNING FOR FITTINGS RIGHT USE

- *Do not use them on fluids other than indicated. Contact Tierre Group for use on other fluids.*
- *Be sure to prevent pressure buildup caused by twisting, pulling and bending of the fitting product.*
- *Product damage or air leakage may occur at places where there is rotation and vibration, choose the right product from our catalogue.*

PRECAUZIONI

- Assemblare i raccordi solo dopo aver eliminato eventuali impurità presenti.
- Fare riferimento alle tabelle "tolleranza diametro esterno tubo" per l'utilizzo di tutti i componenti.

CAUTION

- *Assemble the pipes only after clearing away impurities such as dust.*
- *Refer to the table of outer diameter tube tolerance table when using fittings.*

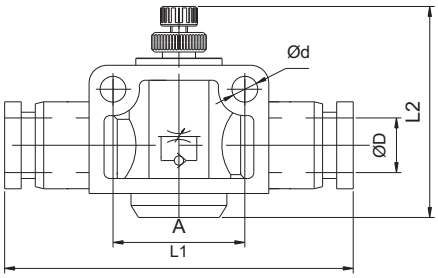
REGOLATORI DI FLUSSO IN LINEA • *flat flow regulators*

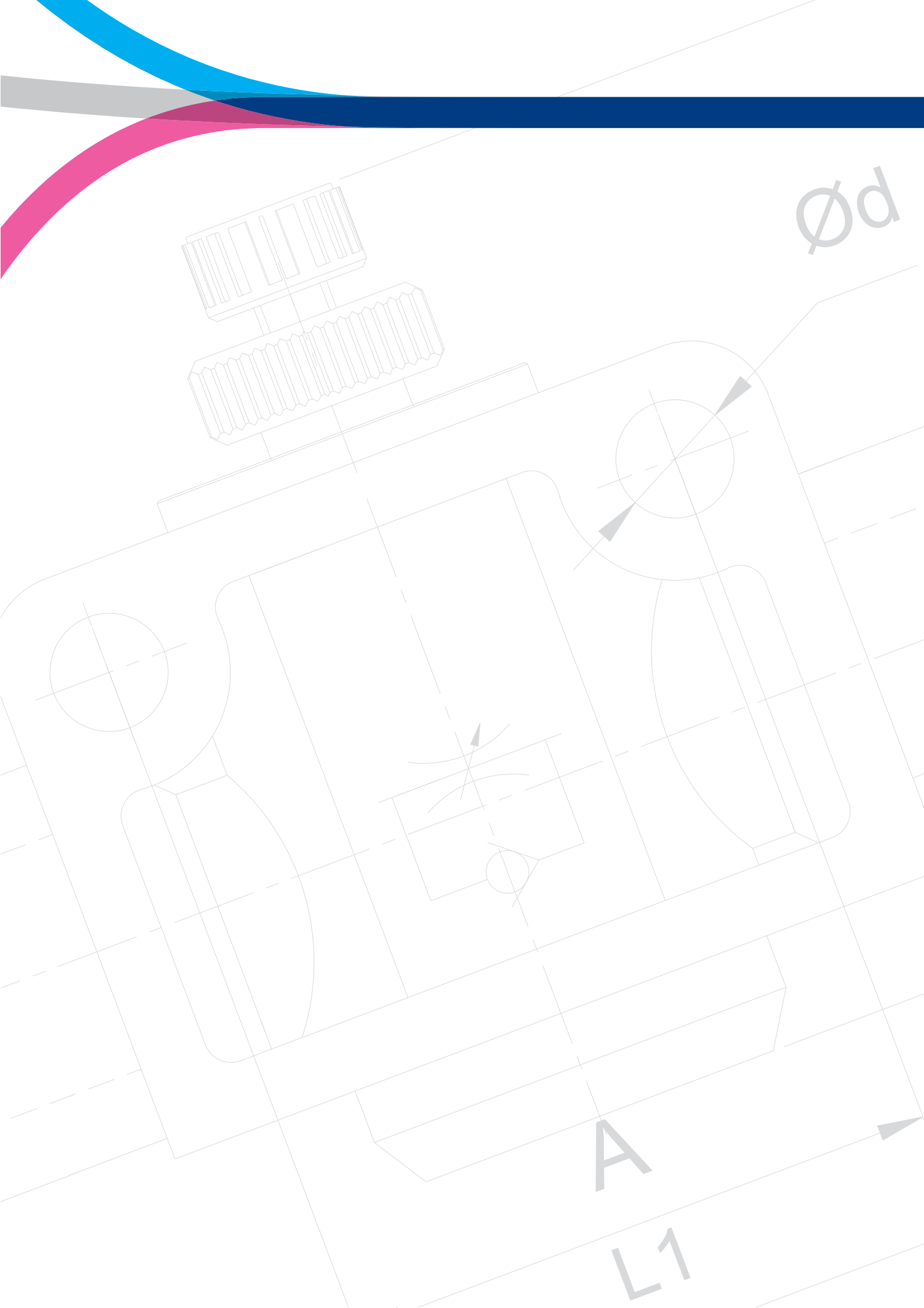
regolatore di flusso in linea nichelato • *flat flow regulator nickel plated*

WTNSF

CODE	Ø D	Ø d	A	L1	L2	Peso *Weight*(g)	
WTNSF 04	4	3,2	14	39,5	28,8	11,7	100
WTNSF 06	6	4,3	20	47,6	42,6	27,0	50
WTNSF 08	8	4,3	22	52,6	44,3	39,5	50
WTNSF 10	10	4,3	26	60,5	53,4	69,0	10
WTNSF 12	12	4,3	32	74,2	55,6	113,2	10

unidirezionale
unidirectional




Ød
A
L1

REGOLATORI DI FLUSSO IN LINEA • *flat flow regulators*

REGOLATORI DI FLUSSO IN LINEA IN ALLUMINIO
aluminum flat flow regulators

DATI TECNICI

Fluidi compatibili	ASF-U: Aria ASF-B: Aria e fluidi compatibili con i materiali costruttivi
Materiali costruttivi	Corpo: Alluminio 11S anodizzato nero Vite di regolazione: Ottone Nichelato
Tipo di regolazione	Manuale con pomello
Filettature	BSPP Femmina Cilindrica
Pressione d'esercizio	ASF-U: 0,025 - 10Bar ASF-B: 0 - 10 Bar
Temperatura d'esercizio	da 0°C a 65°C

Technical specifications

fluid types	*ASF-U: air* *ASF-B: air and fluids suitable with the construction materials*
construction materials	*body: aluminum 11S with black anodization* *regulation screw: nickel plated brass*
type of regulation	*manual*
threads	*female BSPP thread*
working pressure	*ASF-U: 0,025 - 10 Bar* *ASF-B: 0 - 10 Bar*
working temperature	*from 0°C to 65°C*

Prodotti conformi alla direttiva 2002/95/EC RoHS
Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS
products in compliance with the directive 1907/2006 REACH

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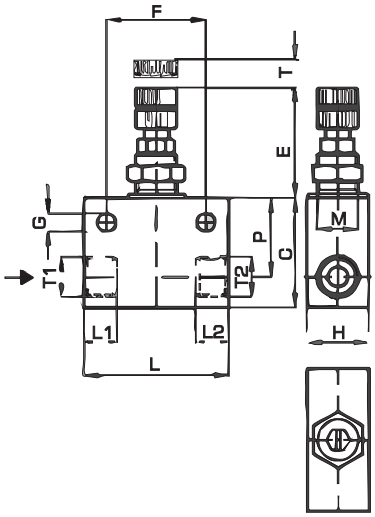
regolatore di flusso unidirezionale filetto femmina cilindrico BSPP in alluminio
unidirectional female flow regulator BSPP thread in aluminum

ASF-U

CODE	T1	T2	L	L1	L2	C	H(Hex)	M	F	G	E	P	T	Peso Weight(g)	
ASF-U 01N	G1/8"	G1/8"	35	8,0	8,0	27	15	10x1	24	4,5	26	19,5	7,0	52,0	50
ASF-U 02N	G1/4"	G1/4"	40	9,5	9,5	30	18	10x1	24	4,5	26	21,0	7,0	90,0	50
ASF-U 03N	G3/8"	G3/8"	45	10,5	10,5	35	22	15x1	30	6,0	31	25,0	8,5	206,0	50
ASF-U 04N	G1/2"	G1/2"	57	12,0	12,0	40	27	15x1	30	6,0	31	26,0	8,5	217,0	50

unidirezionale
unidirectional



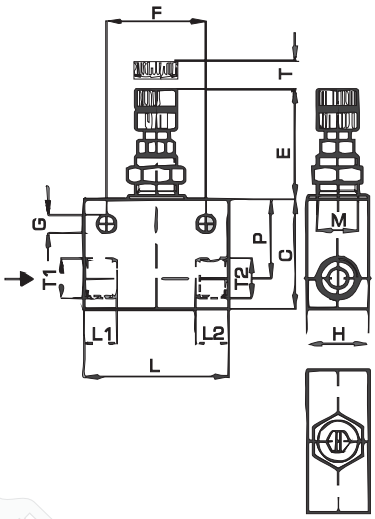
REGOLATORI DI FLUSSO IN LINEA • *flat flow regulators*

regolatore di flusso bidirezionale filetto femmina cilindrico BSPP in alluminio
bidirectional female flow regulator BSPP thread in aluminum

ASF-B

CODE	T1	T2	L	L1	L2	C	H(Hex)	M	F	G	E	P	T	Peso Weight(g)	
ASF-B 01N	G1/8"	G1/8"	35	8,0	8,0	27	15	10x1	24	4,5	26	19,5	7,0	52,0	50
ASF-B 02N	G1/4"	G1/4"	40	9,5	9,5	30	18	10x1	24	4,5	26	21,0	7,0	90,0	50
ASF-B 03N	G3/8"	G3/8"	45	10,5	10,5	35	22	15x1	30	6,0	31	25,0	8,5	206,0	50
ASF-B 04N	G1/2"	G1/2"	57	12,0	12,0	40	27	15x1	30	6,0	31	26,0	8,5	217,0	50

bidirezionale
bidirectional



REGOLATORI DI FLUSSO IN LINEA • *flat flow regulators*

REGOLATORE DI FLUSSO IN LINEA IN OTTONE PER ACQUA POTABILE
brass flow regulator for potable water

DM174 EC1935

DATI TECNICI

Fluidi compatibili	Acqua potabile e fluidi compatibili con i materiali costruttivi
Materiali utilizzati	Ottone CW614N con DIRETTIVA DM 174 Guarnizione in EPDM certificata NSF
Tipo di regolazione	Manuale con pomello
Filettature	BSP Femmina Cilindrica
Pressione d'esercizio	0 - 10 Bar
Temperatura d'esercizio	da -10°C a +110°C

Technical specifications

fluid types	*potable water & fluids suitable with construction materials*
construction materials	*brass CW614N with directive DM 174 EPDM seal NSF certified*
type of regulation	*manual*
threads	*female BSP thread*
working pressure	*0 - 10 Bar*
working temperature	*from -10°C to +110°C*

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS

products in compliance with the directive 1907/2006 REACH

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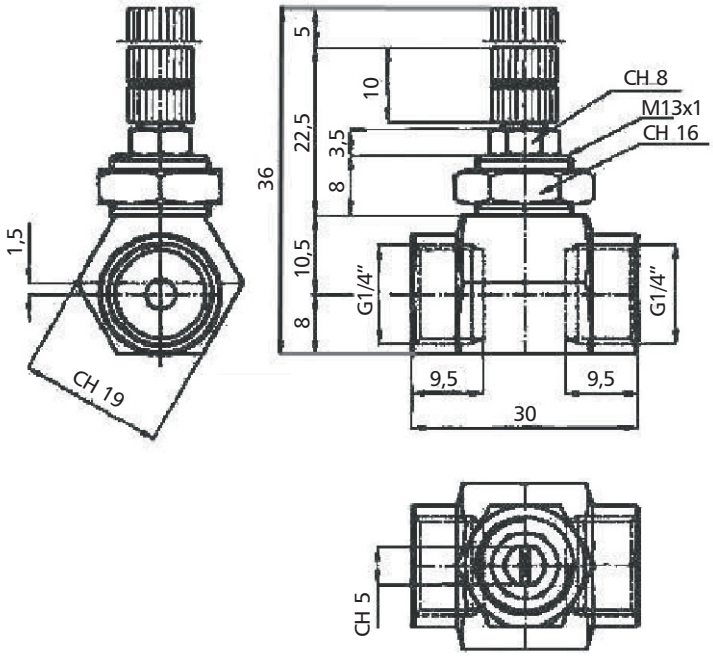
regolatore di flusso bidirezionale femmina BSP cilindrico in ottone per acqua potabile
bidirectional female brass flow regulator BSP thread for potable water

HSF-B

CODE	Peso *weight* (g)	
HSF-B 02	45,0	10

bidirezionale
bidirectional



REGOLATORI DI FLUSSO IN LINEA • *flat flow regulators*

REGOLATORI DI FLUSSO IN LINEA INOX AISI 316
flat flow regulators INOX AISI 316

AISI 316

DATI TECNICI

Fluidi compatibili	XSFC-U: Aria XSFC-B: Aria e fluidi compatibili con i materiali costruttivi
Applicazioni	Settore Alimentare, Chimico, Navale, Medicale ed applicazioni in ambienti aggressivi
Materiali costruttivi	Acciaio INOX AISI 316 Guarnizione: FKM (Viton)
Filettature	Gas Cilindrica ISO 228 NPT
Pressione d'esercizio	1-16 Bar per i regolatori di flusso unidirezionali XSFC-U 0-40 Bar per i regolatori di flusso bidirezionali XSFC-B
Temperatura d'esercizio	-10°C +120°C per i regolatori di flusso unidirezionali XSFC-U -25°C +120°C per I regolatori di flusso bidirezionali XSFC-B

Technical specifications

fluid types	*XSFC-U: air* *XSFC-B: pneumatics & fluids suitable with construction materials*
applications	*food, chemical, nautical, medical, pharmaceutical & aggressive applications.*
construction materials	*stainless steel AISI 316* *seal: FKM (Viton)*
threads	*parallel gas ISO 228* *NPT*
working pressure	*1-16 Bar for unidirectional flow regulators XSFC-U* *0-40 Bar for bidirectional flow regulators XSFC-B*
working temperature	*-10°C +120°C for unidirectional flow regulators XSFC-U* *-25°C +120°C for bidirectional flow regulators XSFC-B*

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC **RoHS**

products in compliance with the directive 1907/2006 REACH

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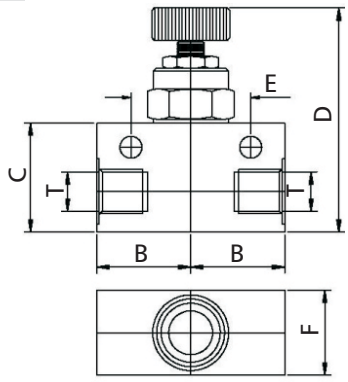
regolatore di flusso unidirezionale filetto femmina cilindrico BSPP INOX AISI 316
unidirectional female flow regulator BSPP thread INOX AISI 316

XSFC-U

AISI 316

CODE	T	B	C	D	E	F	Peso *weight* (g)	
XSFC-U 01	G1/8"	16,0	22,0	47,0	22,0	16,0	250,0	1
XSFC-U 02	G1/4"	27,5	32,0	56,0	31,8	25,0	350,0	1
XSFC-U 03	G3/8"	27,5	32,0	56,0	31,8	25,0	485,0	1
XSFC-U 04	G1/2"	32,0	38,0	62,0	35,0	28,0	625,0	1

unidirezionale
unidirectional



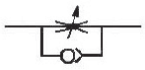
regolatore di flusso unidirezionale filetto femmina NPT INOX AISI 316
unidirectional female flow regulator NPT thread INOX AISI 316

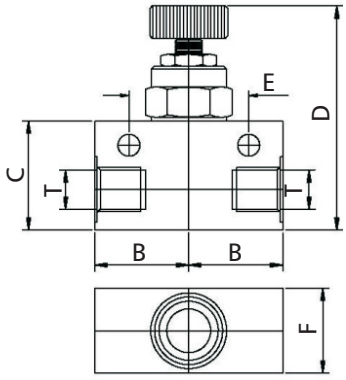
XSFC-U-N

AISI 316

CODE	T	B	C	D	E	F	Peso *weight* (g)	
XSFC-U-N 02	G1/4"	27,5	32,0	56,0	31,8	25,0	350,0	1
XSFC-U-N 04	G1/2"	32,0	38,0	62,0	35,0	28,0	625,0	1

unidirezionale
unidirectional





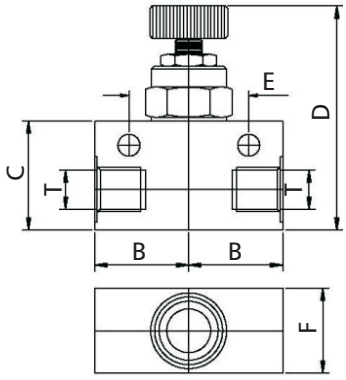
regolatore di flusso bidirezionale filetto femmina cilindrico BSPP INOX AISI 316
bidirectional female flow regulator BSPP thread INOX AISI 316

XSFC-B

AISI 316

CODE	T	B	C	D	E	F	Peso *weight* (g)	
XSFC-B 01	G1/8"	16,0	22,0	47,0	22,0	16,0	250,0	1
XSFC-B 02	G1/4"	27,5	32,0	56,0	31,8	25,0	350,0	1
XSFC-B 03	G3/8"	27,5	32,0	56,0	31,8	25,0	485,0	1
XSFC-B 04	G1/2"	32,0	38,0	62,0	35,0	28,0	625,0	1

bidirezionale
bidirectional



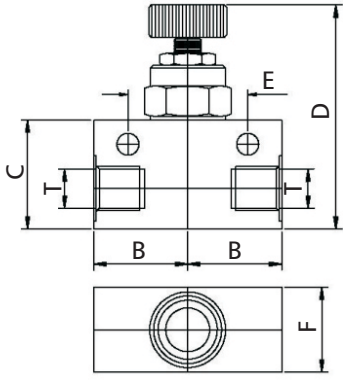
regolatore di flusso bidirezionale filetto femmina cilindrico NPT INOX AISI 316
bidirectional female flow regulator NPT thread INOX AISI 316

XSFC-B-N

AISI 316

CODE	T	B	C	D	E	F	Peso *weight* (g)	
XSFC-B-N 02	G1/4"	27,5	32,0	56,0	31,8	25,0	350,0	1
XSFC-B-N 04	G1/2"	32,0	38,0	62,0	35,0	28,0	625,0	1

bidirezionale
bidirectional

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D
T
B
B

REGOLATORI DI FLUSSO CON VALVOLA DI BLOCCO PILOTATA
flow regulators with pilot check valve

PNEUMATICS

LEGENDA CODICE • *Model designation*

PVSC 06 R01
PVSC 06 G01

Codice *code*	Diametro Tubo *tube diameter*	Filetto *thread size*

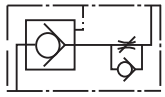
Finitura: nichelato
plating: nickel

Colore colletto: Blu
sleeve colour: blue

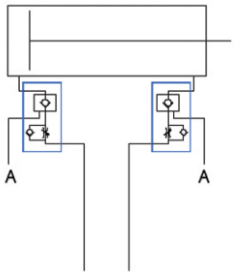
Code	Size
06	6mm
08	8mm
10	10mm
12	12mm

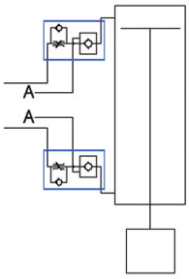
Conico BSPT *BSPT thread*	
R01	R1/8"
R02	R1/4"
R03	R3/8"
R04	R1/2"

Cilindrico BSPP *BSPP thread*	
G01	G1/8"
G02	G1/4"
G03	G3/8"
G04	G1/2"



ESEMPIO DI APPLICAZIONE • *Applied example*





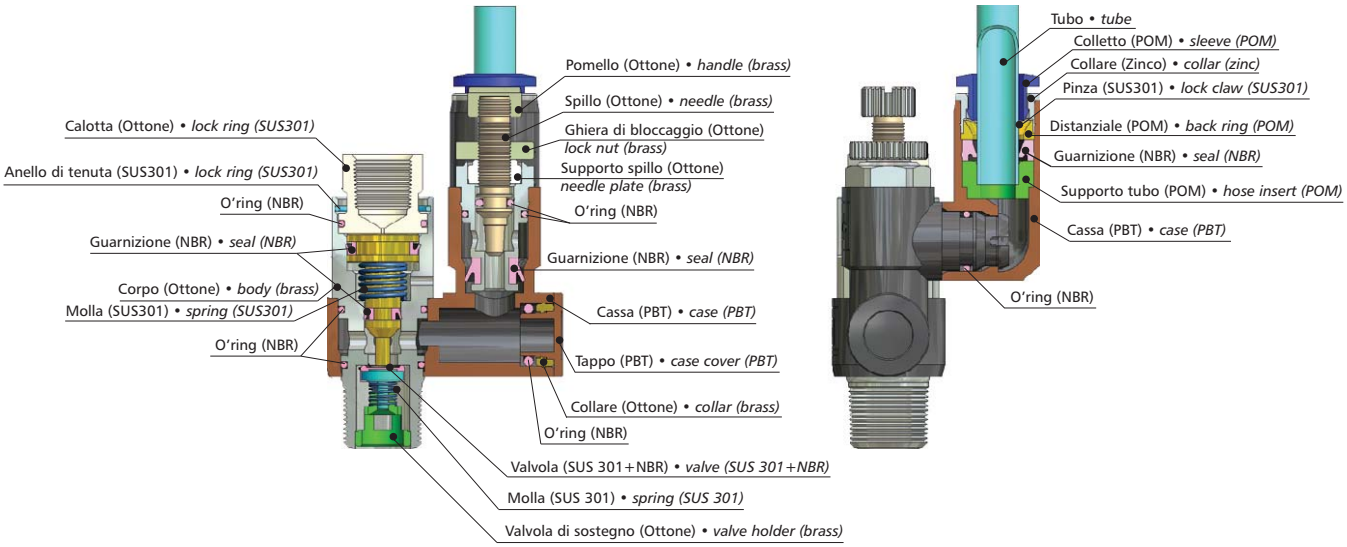
Montati in coppia sui cilindri assicurano il blocco dello stelo in caso di assenza d'aria e contemporaneamente la regolazione del flusso

mounted in pairs lock the piston by simultaneously cutting off the supply and the exhaust

Offrono inoltre la possibilità di ottenere delle posizioni intermedie anche con carichi applicati

protect falling down of the rod cylinder in the off state supply and the exhaust

SEZIONE INTERNA • *Construction*



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REGOLATORI DI FLUSSO CON VALVOLA DI BLOCCO PILOTATA CDC PNEUMATICS

CDC PNEUMATICS *flow regulators with pilot check valve*

DATI TECNICI

Fluidi compatibili	Aria compressa
Materiali costruttivi	Corpo: PBT
	Pinza di Tenuta: acciaio SUS 301
	O'Ring: NBR senza silicone
Tipo di regolazione	Manuale
Filettature	Gas Conica BSPT da R1/8" a R1/2" preteflonata
	Gas Cilindrica BSPP con OR da G1/8" a G1/2"
Pressione d'esercizio	da 0 a 10 Bar
Temperatura d'esercizio	da 32 a 140 °F / da 0°C a 60°C
Tubi utilizzabili	Poliammide (PA)
	Poliuretano (PU)

Technical specifications

fluids types	*compressed air*
construction materials	*body: PBT*
	lock claw: steel SUS 301
	o'ring: NBR silicon free
type of regulation	*manual*
threads	*BSPT from R1/8" to R1/2" teflon coated*
	BSPP with OR from G1/8" to G1/2"
working pressure	*from 0 to 10 Bar*
working temperature	*from 32 to 140 °F / from 0°C to 60°C*
applicable tubes	*polyamide (PA)*
	polyurethane (PU)

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

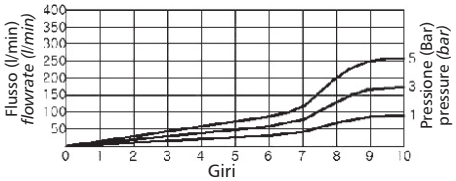
products in compliance with the directive 2002/95/EC RoHS

products in compliance with the directive 1907/2006 REACH

DIAGRAMMI DI FLUSSO - *flow charts*

PVSC 06-01
PVSC 08-01

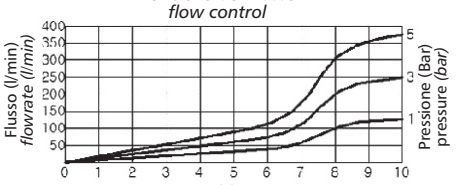
Controllo del Flusso
flow control



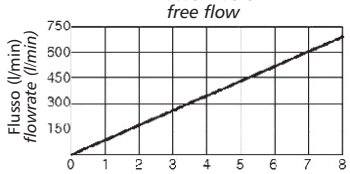
Flusso Libero
free flow

PVSC 06-02
PVSC 08-02

Controllo del Flusso
flow control



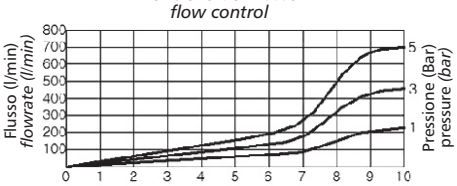
Flusso Libero
free flow



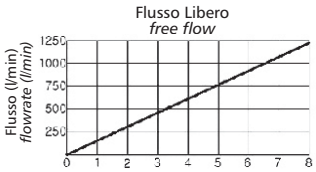
DIAGRAMMI DI FLUSSO - *flow charts*

PVSC 08-03
PVSC 10-03
PVSC 12-03

Controllo del Flusso
flow control

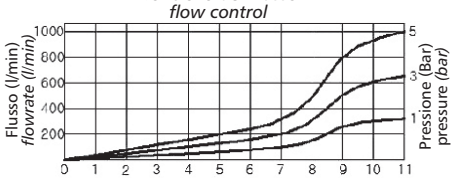


Flusso Libero
free flow

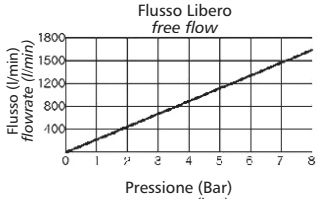


PVSC 10-04
PVSC 12-04

Controllo del Flusso
flow control



Flusso Libero
free flow

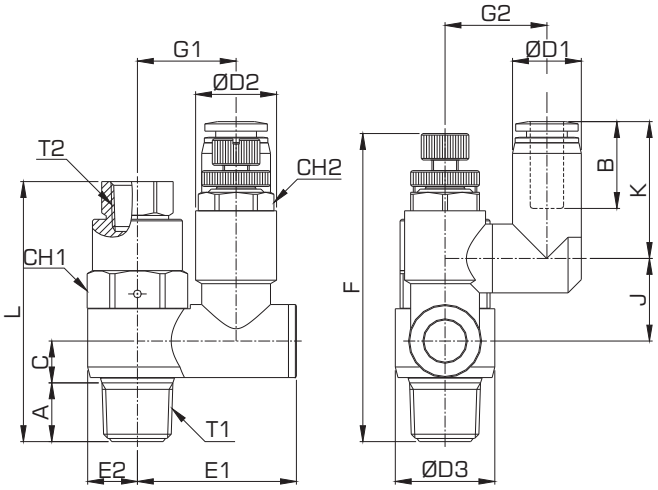


I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

PVSC

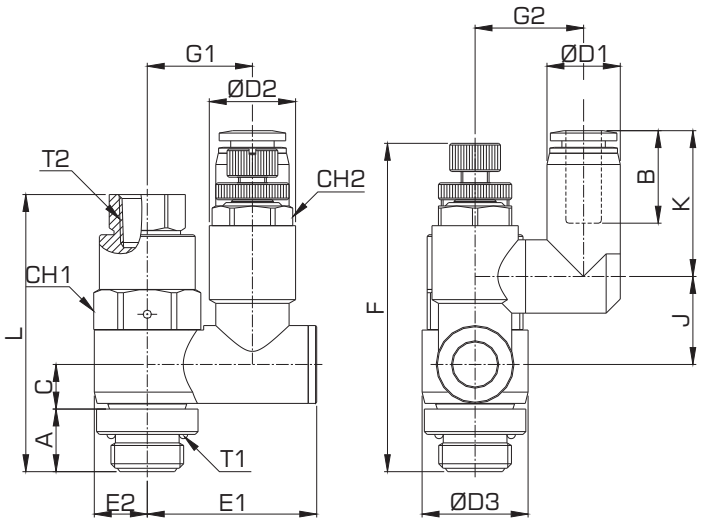
regolatore di flusso con valvola di blocco pilotata conico BSPT nichelato
flow regulator with pilot check valve BSPT thread nickel plated

CODE	ØD	T1	T2	A	B	ØD1	ØD2	ØD3	C	L	E1	E2	F (Min)	F (Max)	G1	G2	J	K	H1 (Hex)	H2 (Hex)	Peso Weight (g)	
PVSC 06R01	6	R1/8"	M5	8,5	16,4	12,5	12,0	14,2	7,6	41,0	24,2	7,1	50,6	55,4	14,3	14,2	12,9	24,0	12	10	39,6	20
PVSC 06R02		R1/4"	Rc1/8"	11,1	16,4	13,0	15,3	18,8	7,9	49,1	30,1	9,4	57,1	61,9	18,7	19,3	15,6	25,9	17	13	71,4	20
PVSC 08R01	8	R1/8"	M5	8,5	18,3	14,8	12,0	14,2	7,9	41,0	24,2	7,1	50,6	55,4	14,3	15,4	12,6	24,9	12	10	41,6	20
PVSC 08R02		R1/4"	Rc1/8"	11,1	18,3	14,8	15,3	18,8	7,6	49,1	30,1	9,4	57,1	61,9	18,7	18,3	15,9	28,3	17	13	76,4	20
PVSC 08R03		R3/8"	Rc1/8"	11,9	18,3	15,0	20,2	23,0	10,6	56,9	37,1	11,5	67,2	72,2	22,8	23,3	19,1	29,3	19	17	128,9	9
PVSC 10R03	10	R3/8"	Rc1/8"	11,9	20,2	17,5	20,2	23,0	10,6	56,9	37,1	11,5	67,2	72,2	22,8	23,3	19,1	31,7	19	17	130,9	9
PVSC 10R04		R1/2"	Rc1/4"	14,9	20,2	17,5	27,2	28,7	13,1	70,8	47,4	14,4	81,3	87,0	29,1	26,3	25,6	33,1	24	23	244,6	6
PVSC 12R03	12	R3/8"	Rc1/8"	11,9	22,9	20,5	20,2	23,0	10,6	56,9	37,1	11,5	67,2	72,2	22,8	23,3	19,1	34,4	19	17	138,9	6
PVSC 12R04		R1/2"	Rc1/4"	14,9	22,9	20,5	27,2	28,7	13,1	70,8	47,4	14,4	81,3	87,0	29,1	26,3	25,6	35,8	24	23	234,6	6



regolatore di flusso con valvola di blocco pilotata cilindrico BSPP nichelato
flow regulator with pilot check valve BSPP thread nickel plated

CODE	ØD	T1	T2	A	B	ØD1	ØD2	ØD3	C	L	E1	E2	F (Min)	F (Max)	G1	G2	J	K	H1 (Hex)	H2 (Hex)	Peso Weight (g)	
PVSC 06G01	6	G1/8"	M5	5,1	16,4	12,5	12,0	14,2	10,9	41,0	24,2	7,1	50,6	55,4	14,3	14,2	12,9	24,0	12	10	44,6	20
PVSC 06G02		G1/4"	G1/8"	6,6	16,4	13,0	15,3	18,8	12,4	49,1	30,1	9,4	57,1	61,9	18,7	19,3	15,6	25,9	17	13	79,4	20
PVSC 08G01	8	G1/8"	M5	5,1	18,3	14,8	12,0	14,2	10,9	41,0	24,2	7,1	50,6	55,4	14,3	15,4	12,6	24,9	12	10	42,6	20
PVSC 08G02		G1/4"	G1/8"	6,6	18,3	14,8	15,3	18,8	12,4	49,1	30,1	9,4	57,1	61,9	18,7	18,3	15,9	28,3	17	13	80,4	20
PVSC 08G03		G3/8"	G1/8"	7,2	18,3	15,0	20,2	23,0	15,3	56,9	37,1	11,5	67,2	72,2	22,8	23,3	19,1	29,3	19	17	124,9	9
PVSC 10G03	10	G3/8"	G1/8"	7,2	20,2	17,5	20,2	23,0	15,3	56,9	37,1	11,5	67,2	72,2	22,8	23,3	19,1	31,7	19	17	137,9	9
PVSC 10G04		G1/2"	G1/4"	8,7	20,2	17,5	27,2	28,7	19,3	70,8	47,4	14,4	81,3	87,0	29,1	26,3	25,6	33,1	24	23	252,6	6
PVSC 12G03	12	G3/8"	G1/8"	7,2	22,9	20,5	20,2	23,0	15,3	56,9	37,1	11,5	67,2	72,2	22,8	23,3	19,1	34,4	19	17	145,9	6
PVSC 12G04		G1/2"	G1/4"	8,7	22,9	20,5	27,2	28,7	19,3	70,8	47,4	14,4	81,3	87,0	29,1	26,3	25,6	35,8	24	23	238,6	6

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RACCORDI DI ARRESTO • *stop fittings*

PNEUMATICS

LEGENDA CODICE • *Model designation*

SPC	06	R01
SPL	04	M5
SPC	06	G01
↓	↓	↓
Codice Code	Diametro Tubo tube diameter	Filetto thread size

Code	Size
04	4mm
06	6mm
08	8mm
10	10mm
12	12mm

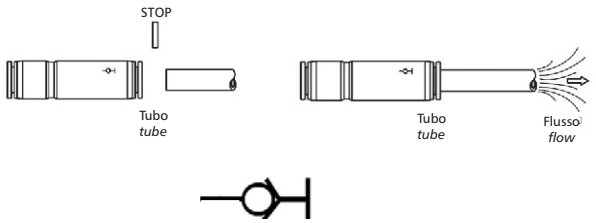
Conico BSPT *BSPT thread*	
01	R1/8"
02	R1/4"
03	R3/8"
04	R1/2"

Metrico *metric thread*	
M5	M5x0,8P
M6	M6x1,0P

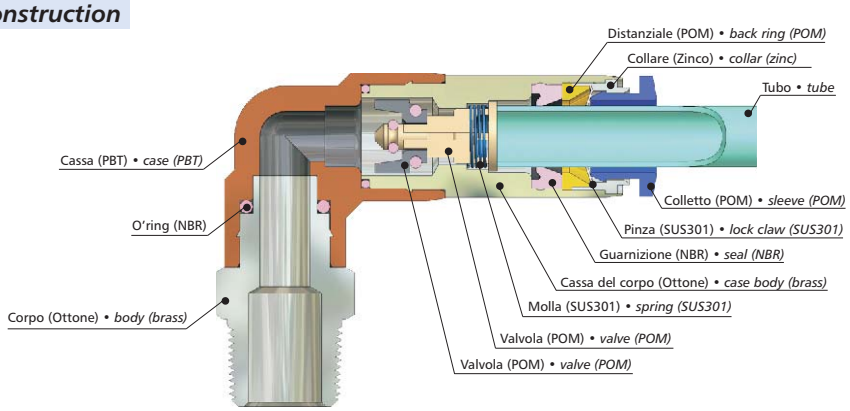
Cilindrico BSPP *BSPP thread*	
01	G1/8"
02	G1/4"
03	G3/8"
04	G1/2"

I raccordi di arresto sono realizzati per facilitare le operazioni di manutenzione. Arrestano il passaggio del fluido quando viene scollegato il tubo. Collegando il tubo viene ristabilito il passaggio del fluido in senso bidirezionale.

Stop fittings make easier all the ordinary repairs. They block the air flow when the tube is released. When the tube is connected the air flows again in two ways.



SEZIONE INTERNA • *Construction*



DATI TECNICI

Fluidi compatibili	Aria compressa
Materiali costruttivi	Corpo: ottone nichelato e PBT Pinza di Tenuta: acciaio SUS 301 Guarnizione: NBR senza silicone
Filettature	Gas Conica BSPT da R1/8" a R1/2" preteflonata Gas Cilindrica BSPP con OR da G1/8" a G1/2" Metrica M5, M6
Pressione d'esercizio	da 0 a 10 Bar
Temperatura d'esercizio	da 32 °F a 140 °F / da 0°C a 60°C
Tubi utilizzabili	Poliammide (PA) Poliuretano (PU)

Technical specifications

fluid types	*compressed air*
construction materials	*body: brass nickel plated e PBT* *lock claw: steel SUS 301* *seal: NBR silicon free*
threads	*BSPT from R1/8" to R1/2" teflon coated* *BSPP with OR from G1/8" to G1/2"* *Metric M5, M6*
working pressure	*from 0 to 10 Bar*
working temperature	*from 32 °F to 140 °F / from 0°C to 60°C*
applicable tubes	*polyamide (PA)* *polyurethane (PU)*

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC **RoHS**

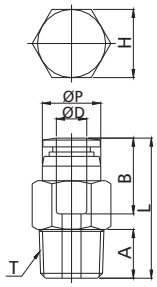
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

SPC

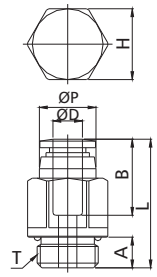
raccordo di arresto diritto maschio conico BSPT • *male connector stop fitting BSPT thread*

CODE	ØD	ØP	T	L	A	B	H(Hex)	Peso Weight(g)	
SPC 04R01	4	10,0	R1/8"	26,1	8,0	14,7	10	10,0	100
SPC 06R01	6	12,0	R1/8"	28,8	8,0	16,4	12	13,0	100
SPC 06R02			R1/4"	28,8	10,0		14	20,0	50
SPC 08R02	8	14,0	R1/4"	33,3	10,0	18,4	14	20,0	50
SPC 08R03			R3/8"	33,3	11,0		17	36,0	50
SPC 10R02	10	17,0	R1/4"	36,4	10,0	19,6	17	48,0	50
SPC 10R03			R3/8"	37,6	11,0		17	36,0	50
SPC 10R04			R1/2"	38,4	14,0		21	60,0	50
SPC 12R02	12	19,0	R1/4"	44,8	10,0	21,9	19	48,0	50
SPC 12R03			R3/8"	44,7	11,0		19	49,0	25
SPC 12R04			R1/2"	44,7	14,0		21	64,0	25



raccordo di arresto diritto maschio cilindrico BSPP • *male connector stop fitting BSPP thread*

CODE	Ø D	Ø P	T	L	A	B	H(Hex)	Peso Weight(g)	
SPC 04G01	4	10,3	G1/8"	25,5	5,0	14,7	12	10,0	100
SPC 06G01	6	12,0	G1/8"	27,8	5,0	16,4	12	13,0	100
SPC 06G02			G1/4"	27,3	6,5		15	20,0	50
SPC 08G02	8	14,0	G1/4"	31,9	6,5	18,4	15	20,0	50
SPC 08G03			G3/8"	31,9	6,5		17	36,0	50
SPC 10G02	10	17,0	G1/4"	34,9	6,5	19,6	17	48,0	50
SPC 10G03			G3/8"	36,4	6,5		17	36,0	50
SPC 10G04			G1/2"	37,4	8,0		21	60,0	50
SPC 12G02	12	19,0	G1/4"	43,3	6,5	21,9	19	48,0	50
SPC 12G03			G3/8"	43,3	6,5		21	49,0	25
SPC 12G04			G1/2"	43,8	8,0		21	64,0	25

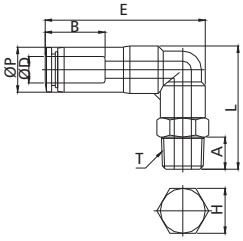


SPL

raccordo di arresto gomito maschio conico BSPT • *male elbow stop fitting BSPT thread*

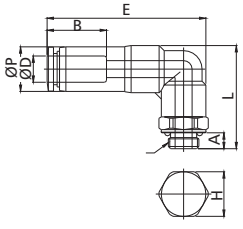
NEW

CODE	Ø D	Ø P	T	L	E	A	B	H(Hex)	Peso Weight(g)	
SPL 04R01	4	10,0	R1/8"	26,9	34,5	8,0	14,7	10	15,0	50
SPL 06R01	6	12,0	R1/8"	32,8	38,9	8,0	16,4	12	22,0	50
SPL 06R02			R1/4"	35,8		10,0		14	27,0	50
SPL 08R01	8	14,0	R1/8"	35,4	49,9	8,0	18,4	14	32,0	50
SPL 08R02			R1/4"	38,4		10,0		14	38,0	50
SPL 08R03			R3/8"	39,4		11,0		17	44,0	50
SPL 10R02	10	17,0	R1/4"	40,3	57,5	10,0	19,6	17	57,0	25
SPL 10R03			R3/8"	41,3		11,0		17	64,0	25
SPL 10R04			R1/2"	44,3		14,0		21	80,0	25
SPL 12R03	12	19,0	R3/8"	45,7	67,1	11,0	21,9	19	78,0	25
SPL 12R04			R1/2"	48,7		14,0		21	91,0	25



raccordo di arresto gomito maschio cilindrico BSPP & metrico • *male elbow stop fitting BSPP & metric thread*

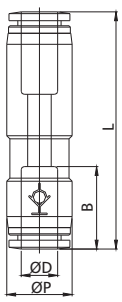
CODE	Ø D	Ø P	T	L	E	A	B	H(Hex)	Peso Weight(g)	
SPL 04M5	4	10,0	M5x0,8P	25,8	34,5	4,6	14,7	10	13,0	100
SPL 04M6			M6x1.0P	26,9		4,1		10	14,0	100
SPL 04G01			G1/8"	26,8		5,0		14	15,0	100
SPL 06M5	6	12,0	M5x0,8P	28,8	38,9	4,6	16,4	12	19,0	50
SPL 06G01			G1/8"	29,8		5,0		14	22,0	100
SPL 06G02			G1/4"	31,8		6,5		17	27,0	50
SPL 08G02	8	14,0	G1/4"	34,4	49,9	6,5	18,6	17	38,0	50
SPL 08G03			G3/8"	33,9		6,5		20	44,0	50
SPL 10G02	10	17,0	G1/4"	36,3	55,0	6,5	19,6	17	57,0	50
SPL 10G03			G3/8"	35,8		6,5		20	64,0	50
SPL 10G04			G1/2"	37,3		8,0		24	80,0	25
SPL 12G03	12	18,8	G3/8"	40,2	63,7	6,5	21,9	20	78,0	25
SPL 12G04			G1/2"	41,7		8,0		24	91,0	25



SPU

raccordo di arresto intermedio diritto • *union connector stop fitting*

CODE	Ø D	Ø P	L	B	Peso Weight(g)	
SPU 04	4	10,5	42,1	14,9	5,0	50
SPU 06	6	12,5	46,0	16,4	8,0	50
SPU 08	8	14,8	53,7	18,7	11,0	50
SPU 10	10	17,5	58,2	20,1	19,0	50
SPU 12	12	20,5	67,1	22,8	30,0	25



VALVOLE DI SCARICO RAPIDO • *quick exhaust valves*

VALVOLA DI SCARICO RAPIDO IN OTTONE • *brass quick exhaust valve*

DATI TECNICI

Fluidi compatibili	Aria compressa e altri fluidi compatibili con i materiali costruttivi
Materiali costruttivi	Corpo/Tappo: Ottone UNI EN 12165 CW 617N Membrana per valvola (codice 1102): Elastomero poliuretanico Guarnizione di tenuta corpo/tappo (codice 1101): Nylon
Trattamento superficie	Nichelatura
Filettature	Gas Cilindrica ISO 228
Pressione d'esercizio	da 0,3 Bar a 10 Bar
Temperatura d'esercizio	da -18°C a +70°C

Technical specifications

fluids types	*compressed air and fluids compatible with construction materials*
construction materials	*body/cap: brass UNI EN 12165 CW 617N* *membrane for valve (code 1102): polyurethane elastomer* *body/cap seal (code 1101): nylon*
surface treatment	*nickel plating*
threads	*cylindrical gas ISO 228*
working pressure	*from 0,3 bar to 10 bar*
working temperature	*from -18°C to +70°C*

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS

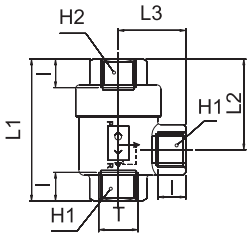
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

1100

valvola di scarico rapido in ottone nichelato • *nickel plated brass quick exhaust valve*

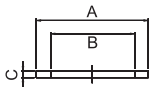
CODE	T	I	L1	L2	L3	H1(Hex)	H2(Hex)	Peso Weight(g)	
1100TRM5	M5	4,0	24,8	15,6	10,5	10	10	27,0	25
1100TR18	G1/8"	8,0	42,0	28,0	19,5	14	14	84,0	25
1100TR14	G1/4"	11,0	53,0	34,5	25,0	19	19	146,0	10
1100TR38	G3/8"	12,0	58,0	36,0	26,0	21	21	150,0	10
1100TR12	G1/2"	14,0	71,0	44,0	35,0	26	26	314,0	10
1100TR34	G3/4"	18,0	86,0	52,0	38,5	32	32	450,0	1
1100TR1	G1"	19,0	94,0	56,0	42,0	38	38	525,0	1



1101

guarnizione di tenuta corpo/tappo in nylon • *body/cap seal in nylon*

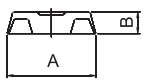
CODE	-	A	B	C	Peso Weight(g)	
1101TRM5	M5	17,0	12,4	0,8	0,080	100
1101TR18	1/8"	23,8	20,0	1,0	0,014	100
1101TR14	1/4"	28,5	24,0	1,0	0,018	100
1101TR38	3/8"	28,5	24,0	1,0	0,018	100
1101TR12	1/2"	38,6	32,0	1,5	0,030	50
1101TR34	3/4"	45,0	38,0	1,5	0,760	5
1101TR1	1"	45,0	38,0	1,5	0,760	5



1102

membrana per valvola in elastomero poliuretanico • *membrane for valve in polyurethane elastomer*

CODE	-	A	B	Peso Weight(g)	
1102TRM5	M5	13,5	4,5	0,4	100
1102TR18	1/8"	20,5	5,0	1,1	100
1102TR14	1/4"	25,5	5,8	1,9	100
1102TR38	3/8"	25,5	5,8	1,9	100
1102TR12	1/2"	35,5	8,2	2,5	50
1102TR34	3/4"	40,5	9,0	7,0	5
1102TR1	1"	40,5	9,0	7,0	5



VALVOLE DI SCARICO RAPIDO • *quick exhaust valves*

VALVOLA DI SCARICO RADIPO INOX AISI 316
quick exhaust valve INOX AISI 316

AISI 316

DATI TECNICI

Fluidi compatibili	aria compressa in ambienti aggressivi e fluidi compatibili con i materiali costruttivi
Materiali costruttivi	corpo: acciaio inox AISI 316 guarnizione: viton da 1/8" a 1/4" guarnizione: poliuretano da 3/8" a 1"
Pressione d'esercizio	fino a 10 Bar
Temperature d'esercizio	-20°C +120°C

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Technical specifications

fluid types	*compressed air in aggressive enviroments and fluids compatible with construction materials*
construction materials	*body: stainless steel AISI 316* *sealing: viton from 1/8" to 1/4"* *sealing: polyurethane from 3/8" to 1"*
working pressure	*up to 10 Bar*
working temperature	*-20°C +120°C*

products in conformity with the directive 2002/95/EC **RoHS**

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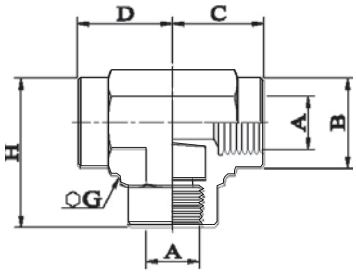
valvola di scarico rapido in acciaio inox AISI 316 con filetto cilindrico BSPP
stainless steel AISI 316 quick exhaust valve BSPP thread

1400

AISI 316

CODE	A	B	C	D	H	G	
1400TR18	G1/8"	17	21	16,5	31,5	22	1
1400TR14	G1/4"	17	21	16,5	31,5	22	1
1400TR38	G3/8"	22	25,5	19	37	27	1
1400TR12	G1/2"	27	31	23	46	32	1
1400TR34	G3/4"	38	44	35	65	46	1
1400TR1	G1"	38	44	35	65	46	

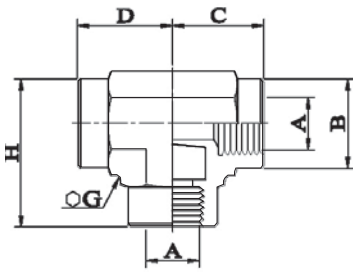


valvola di scarico rapido in acciaio inox AISI 316 con filetto NPT
stainless steel AISI 316 quick exhaust valve NPT thread

1400N

AISI 316

CODE	A	B	C	D	H	G	
1400TRN14	N1/4"	17	21	16,5	31,5	22	1
1400TRN12	N1/2"	27	31	23	46	32	1
1400TRN1	N1"	38	44	35	65	46	1



VALVOLE MANUALI • *hand valves*

PNEUMATICS

LEGENDA CODICE • *Model designation*

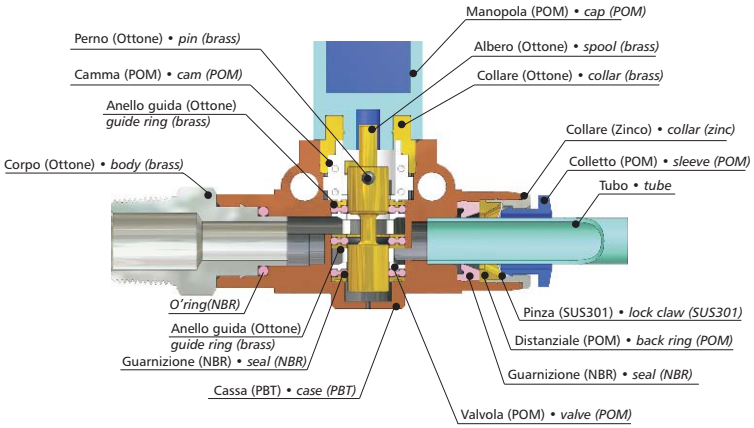
HVC HVC	06 06	R01 G01
↓	↓	↓
Codice *Code*	Diametro Tubo *tube diameter*	Filetto *thread size*

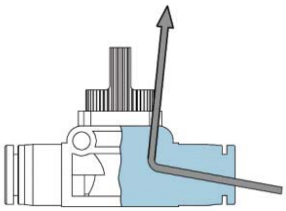
Code	Size
06	6mm
08	8mm
10	10mm
12	12mm

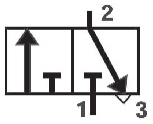
Conico BSPT *BSPT thread*	
R01	R1/8"
R02	R1/4"
R03	R3/8"
R04	R1/2"

Cilindrico BSPP *BSPP thread*	
G01	G1/8"
G02	G1/4"
G03	G3/8"
G04	G1/2"

SEZIONE INTERNA • *Construction*







Mini Valvole 3/2 vie che in posizione di chiusura permettono di scaricare l'aria a valle del componente
3/2 ways mini valves discharge the remaining pressure out and block the incoming air in the off state

DATI TECNICI

Fluidi Compatibili	Aria compressa
Materiali costruttivi	Corpo: ottone nichelato e PBT Pinza: acciaio SUS 301 Guarnizioni: NBR senza silicone
Filettature	Gas Conica BSPT da R1/8" a R1/2" preteflonata Gas Cilindrica BSPP con OR da G1/8" a G1/2"
Pressione d'esercizio	da 0 a 10 Bar
Temperatura d'esercizio	da 32 °F a 140 °F / da 0 °C a 60 °C
Tubi utilizzabili	Poliammide (PA) Poliuretano (PU)

Technical specifications

fluid types	*compressed air*
construction materials	*body: brass nickel plated & PBT* *lock claw: steel SUS 301* *seals: NBR silicon free*
threads	*BSPT from R1/8" to R1/2" teflon coated* *BSPP with OR from G1/8" to G1/2"*
working pressure	*from 0 to 10 Bar*
working temperature	*from 32 °F to 140 °F / from 0 °C to 60 °C*
applicable tubes	*polyamide (PA)* *polyurethane (PU)*

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS

products in compliance with the directive 1907/2006 REACH

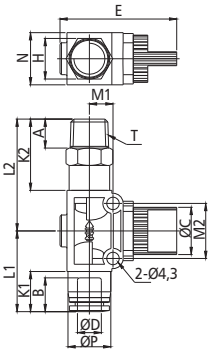
I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

VALVOLE MANUALI • *hand valves*

HVC

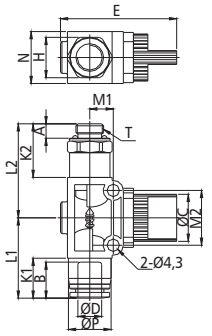
valvola maschio conica BSPT (Flusso Tubo-Filetto) • *male hand valve BSPT thread (flow tube-thread)*

CODE	ØD	T	ØP	H(Hex)	ØC	N	E	A	B	K1	K2	L1	L2	M1	M2	Peso Weight(g)	
HVC 06R01		R1/8"		14				8,0			21,6		35,6			37,0	25
HVC 06R02	6	R1/4"	12,5	14	16,3	18,0	40,3	10,0	16,4	12,3	24,6	26,3	38,6	8,2	19,0	37,0	25
HVC 06R03		R3/8"		17				11,0			25,6		39,6			47,0	25
HVC 08R01		R1/8"		14				8,0			21,6		35,6			35,0	25
HVC 08R02	8	R1/4"	14,8	14	16,3	18,0	40,3	10,0	18,7	13,9	24,6	27,9	38,6	8,2	19,0	41,0	25
HVC 08R03		R3/8"		17				11,0			25,6		39,6			48,0	25
HVC 10R02		R1/4"		17				10,0			23,0		39,5			58,0	20
HVC 10R03	10	R3/8"	17,5	17	19,3	21,2	40,5	11,0	20,1	14,4	24,0	30,9	40,5	10,9	24,0	61,0	20
HVC 10R04		R1/2"		21				14,0			27,0		43,5			82,0	20
HVC 12R02		R1/4"		19				10,0			24,6		41,1			69,0	20
HVC 12R03	12	R3/8"	20,5	19	19,3	21,2	40,5	11,0	22,8	17,6	25,6	34,1	42,1	10,9	24,0	68,0	20
HVC 12R04		R1/2"		21				14,0			28,6		45,1			76,0	20



valvola maschio cilindrica BSPP (Flusso Tubo-Filetto) • *male hand valve BSPP thread (flow tube-thread)*

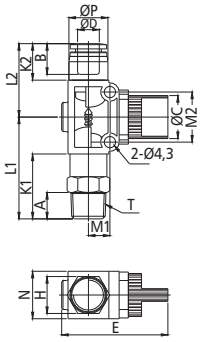
CODE	ØD	T	ØP	H(Hex)	ØC	N	E	A	B	K1	K2	L1	L2	M1	M2	Peso Weight(g)	
HVC 06G01		G1/8"		14				5,0			18,6		32,6			37,0	25
HVC 06G02	6	G1/4"	12,5	17	16,3	18,0	40,3	6,5	16,4	12,3	20,6	26,3	34,6	8,2	19,0	37,0	25
HVC 06G03		G3/8"		20				6,5			20,1		34,1			47,0	25
HVC 08G01		G1/8"		14				5,0			18,6		32,6			35,0	25
HVC 08G02	8	G1/4"	14,8	17	16,3	18,0	40,3	6,5	18,7	13,9	20,6	27,9	34,6	8,2	19,0	41,0	25
HVC 08G03		G3/8"		20				6,5			20,1		34,1			48,0	25
HVC 10G02		G1/4"		17				6,5			19,0		35,5			58,0	20
HVC 10G03	10	G3/8"	17,5	20	19,3	21,2	40,5	6,5	20,1	14,4	18,5	30,9	35,0	10,9	24,0	61,0	20
HVC 10G04		G1/2"		24				8,0			20,0		36,5			82,0	20
HVC 12G02		G1/4"		19				6,5			20,6		37,1			69,0	20
HVC 12G03	12	G3/8"	20,5	20	19,3	21,2	40,5	6,5	22,8	17,6	20,1	34,1	36,6	10,9	24,0	68,0	20
HVC 12G04		G1/2"		24				8,0			21,6		38,1			76,0	20



HVF

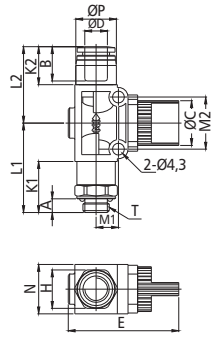
valvola maschio conica BSPT (Flusso Filetto-Tubo) • *male hand valve BSPT thread (flow thread-tube)*

CODE	ØD	T	ØP	H(Hex)	ØC	N	E	A	B	K1	K2	L1	L2	M1	M2	Peso Weight(g)	
HVF 06R01		R1/8"		14				8,0		21,6		35,6				37,0	25
HVF 06R02	6	R1/4"	12,5	14	16,3	18,0	40,3	10,0	16,4	24,6	12,3	38,6	26,3	8,2	19,0	37,0	25
HVF 06R03		R3/8"		17				11,0		25,6		39,6				47,0	25
HVF 08R01		R1/8"		14				8,0		21,6		35,6				35,0	25
HVF 08R02	8	R1/4"	14,8	14	16,3	18,0	40,3	10,0	18,7	24,6	13,9	38,6	27,9	8,2	19,0	41,0	25
HVF 08R03		R3/8"		17				11,0		25,6		39,6				48,0	25
HVF 10R02		R1/4"		17				10,0		23,0		39,5				58,0	20
HVF 10R03	10	R3/8"	17,5	17	19,3	21,2	40,5	11,0	20,1	24,0	14,4	40,5	30,9	10,9	24,0	61,0	20
HVF 10R04		R1/2"		21				14,0		27,0		43,5				82,0	20
HVF 12R02		R1/4"		19				10,0		24,6		41,1				69,0	20
HVF 12R03	12	R3/8"	20,5	19	19,3	21,2	40,5	11,0	22,8	25,6	17,6	42,1	34,1	10,9	24,0	68,0	20
HVF 12R04		R1/2"		21				14,0		28,6		45,1				76,0	20



valvola maschio cilindrica BSPP (Flusso Filetto-Tubo) • *male hand valve BSPP thread (flow thread-tube)*

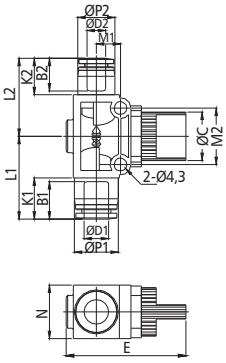
CODE	ØD	T	ØP	H(Hex)	ØC	N	E	A	B	K1	K2	L1	L2	M1	M2	Peso Weight(g)	
HVF 06G01		G1/8"		14				5,0		18,6		32,6				37,0	25
HVF 06G02	6	G1/4"	12,5	17	16,3	18,0	40,3	6,5	16,4	20,6	12,3	34,6	26,3	8,2	19,0	37,0	25
HVF 06G03		G3/8"		20				6,5		20,1		34,1				47,0	25
HVF 08G01		G1/8"		14				5,0		18,6		32,6				35,0	25
HVF 08G02	8	G1/4"	14,8	17	16,3	18,0	40,3	6,5	18,7	20,6	13,9	34,6	27,9	8,2	19,0	41,0	25
HVF 08G03		G3/8"		20				6,5		20,1		34,1				48,0	25
HVF 10G02		G1/4"		17				6,5		19,0		35,5				58,0	20
HVF 10G03	10	G3/8"	17,5	20	19,3	21,2	40,5	6,5	20,1	18,5	14,4	35,0	30,9	10,9	24,0	61,0	20
HVF 10G04		G1/2"		24				8,0		20,0		36,5				82,0	20
HVF 12G02		G1/4"		19				6,5		20,6		37,1				69,0	20
HVF 12G03	12	G3/8"	20,5	20	19,3	21,2	40,5	6,5	22,8	20,1	17,6	36,6	34,1	10,9	24,0	68,0	20
HVF 12G04		G1/2"		24				8,0		21,6		38,1				76,0	20



HVU

valvola tubo-tubo • *union hand valve tube-tube*

CODE	ØD1	ØD2	ØP1	ØP2	ØC	N	E	B1	B2	K1	K2	L1	L2	M1	M2	Peso Weight(g)	
HVU 0606	6	6	12,5	12,5	16,3	18,0	40,3	16,4	16,4	12,3	12,3	26,3	26,3	8,2	19,0	27,0	25
HVU 0806	8	6	14,8	12,5	16,3	18,0	40,3	18,7	16,4	13,9	12,3	27,9	26,3	8,2	19,0	27,0	25
HVU 0808		8		14,8					18,7		13,9		27,9			28,0	25
HVU 1008	10	8	17,5	14,8	19,3	21,2	40,5	20,1	18,7	14,4	13,9	30,9	27,9	10,9	24,0	41,0	20
HVU 1010		10		17,5					20,1		14,4		30,9			42,0	20
HVU 1210	12	10	20,5	17,5	19,3	21,2	40,5	22,8	20,1	17,6	14,4	34,1	30,9	10,9	24,0	45,0	20
HVU 1212		12		20,5					22,8		17,6		34,1			47,0	20



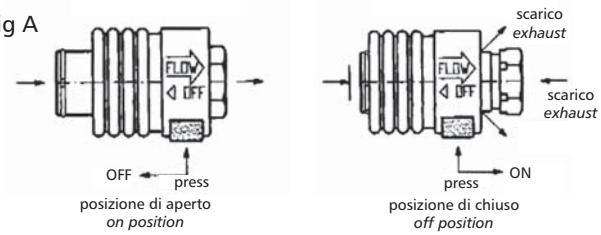
VALVOLA A CORSOIO CON BLOCCO DI SICUREZZA
slide valve with security block

FUNZIONAMENTO • *Operation*

Valvola a comando manuale ON/OFF con scarico a valle in posizione di chiuso. Per aprire o chiudere la valvola premere sulla scritta "PRESS" del cursore e spostare contemporaneamente il corsoio nel senso indicato dalle frecce fino a fine corsa (Fig. A)

Slide valve ON/OFF with exhaust in exit in closed position.
To open and close the security valve, push with a finger on the point "PRESS" on the cursor (fig. A)

Fig A



DATI TECNICI

Fluidi compatibili	Aria compressa, aria compressa lubrificata, gas vari compatibili con i materiali costruttivi (gas che scaricati in atmosfera non sono pericolosi per persone o cose)
Materiali costruttivi	Perno: ottone cromato Corsoio: alluminio verniciato rosso Guarnizioni: NBR 70 Anello elastico: acciaio INOX AISI 302 Cursore: ottone cromato Molla: acciaio INOX AISI 302
Filettature	Gas cilindrica ISO 228
Direzione del flusso	Indicazione della direzione del fluido incisa sul corpo
Sicurezza	Il sistema di doppio blocco è stato studiato per evitare che la valvola si chiuda o si apra accidentalmente
Pressione d'esercizio	10 Bar
Temperatura d'esercizio	da -5°C a +70°C

Prodotti conformi alla direttiva 2002/95/EC RoHS

Technical specifications

fluid types	*compressed air, lubricated compressed air, various gases compatible with construction materials (except gases which can be dangerous for people and things)*
construction materials	*pin: brass chrome plated* *slider: red painted aluminium* *seals: NBR 70* *elastic ring: stainless steel AISI 302* *cursor: brass chrome plated* *spring: stainless steel AISI 302*
threads	*gas BSPP ISO 228*
direction of the flow	*indication of the fluid direction engraved on the body*
security	*the double block system avoid the accidental valve opening or closing*
working pressure	*10 Bar*
working temperature	*from -5°C to +70°C*

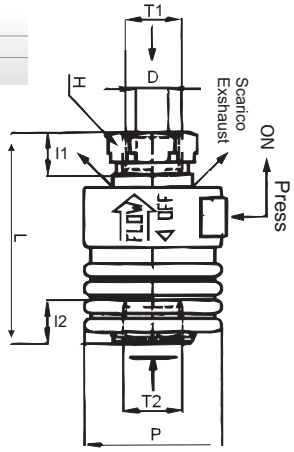
products in conformity with the directive 2002/95/EC RoHS

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

1605

valvola a corsoio con blocco di sicurezza cilindrica BSPP • *slide valve with security block BSPP thread*

CODE	T1	T2	L	I1	I2	D	P	H(Hex)	
1605TR14	G1/4"	G1/4"	46	9,5	9,5	8,0	30	17	10
1605TR38	G3/8"	G3/8"	52	10,5	10,5	10,0	35	21	5
1605TR12	G1/2"	G1/2"	62	12,0	12,0	12,5	40	26	5



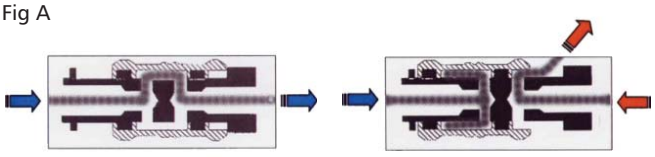
VALVOLE A CORSOIO • *slide valves*

FUNZIONAMENTO • *Operation*

Valvola manuale per intercettazione e scarico delle tubazioni di aria compressa. Lo spostamento del corsoio provoca da un lato l'apertura della valvola e dall'altro la chiusura con messa allo scarico della condotta a valle (fig. A)

Manual valve for the shut-off and discharge of compressed air hoses. The movement of the slides causes the opening of the valve on one side and its closing on the other with discharge at the downstream conductor

Fig A



VALVOLA IN POSIZIONE DI APERTO
slide in open position

VALVOLA IN POSIZIONE DI CHIUSO
slide in closed position

DATI TECNICI

Fluidi compatibili	Aria compressa, aria compressa lubrificata, gas vari compatibili con i materiali costruttivi (gas che scaricati in atmosfera non sono pericolosi per persone o cose)
Materiali costruttivi	Corpo: ottone CW614N cromato Corsoio: alluminio anodizzato blu O'Ring: NBR 70 Anello elastico: acciaio
Filettature	Gas Cilindrica ISO 228 (codice 1610) NPT (codice 1620)
Direzione del flusso	indicazione della direzione del fluido incisa sul corpo
Pressione d'esercizio	10 Bar
Temperatura d'esercizio	da -5°C a +70°C

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Technical specifications

fluid types	*compressed air, lubricated compressed air, various gases compatible with construction materials (except gases which can be dangerous for people and things)*
construction materials	*body: brass CW614N chrome plated* *slider: blue anodized aluminum* *o'ring: NBR 70* *elastic ring: steel*
threads	*gas BSPP ISO 228 (code 1610)* *NPT (code 1620)*
direction of the flow	*indication of the fluid direction engraved on the body*
working pressure	*10 Bar*
working temperature	*from -5°C to +70°C*

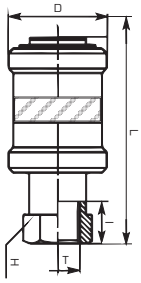
products in conformity with the directive 2002/95/EC **RoHS**

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

1610

valvola a corsoio filetto cilindrico BSPP & metrico • *slide valve BSPP & metric thread*

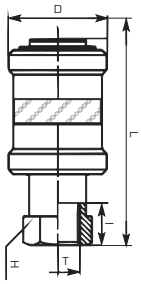
CODE	T	D	I	L	H(Hex)	Flusso P-A *Flow* P-A (Nl-min)	Peso *Weight* (g)	
1610TRM5	M5	14	5,0	30,5	10	100	11,0	10
1610TR18	G1/8"	25	9,0	48,0	14	680	51,0	10
1610TR14	G1/4"	30	11,5	58,0	19	1300	98,0	10
1610TR38	G3/8"	35	12,0	70,0	22	2100	156,0	5
1610TR12	G1/2"	40	15,0	75,0	27	3800	212,0	5
1610TR34	G3/4"	50	16,5	83,0	32	5700	317,0	5



1620

valvola a corsoio filetto NPT • *slide valve NPT thread*

CODE	T	D	I	L	H(Hex)	Flusso P-A *Flow* P-A (Nl-min)	Peso *Weight* (g)	
1620TR18	N1/8"	25	8	55,5	14	680	51,0	10
1620TR14	N1/4"	30	11	69,0	19	1300	98,0	10
1620TR38	N3/8"	35	12	81,5	22	2100	156,0	5
1620TR12	N1/2"	40	15	90,0	27	3800	212,0	5



VALVOLE UNIDIREZIONALI • *check valves*

LEGENDA CODICE • *Model designation*

CVPC	08	R01	
CVPC	08	G01	IN
↓ Codice *Code*	↓ Diametro Tubo *tube diameter*	↓ Filetto *thread size*	↓ Direzione flusso

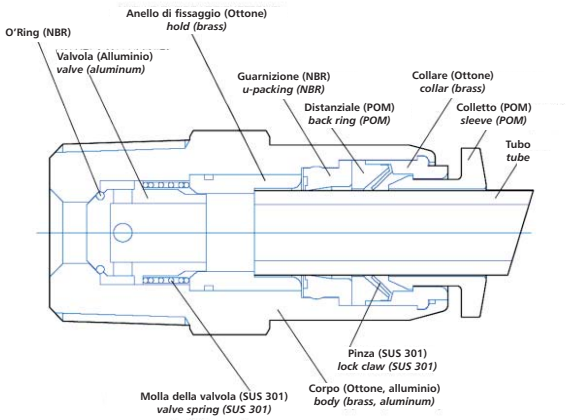
Code	Size
04	4mm
06	6mm
08	8mm
10	10mm
12	12mm

Conico BSPT *BSPT thread*	
01	R1/8"
02	R1/4"
03	R3/8"
04	R1/2"
Metrico *metric thread*	
M5	M5x0,8P
M6	M6x1,0P
Cilindrico BSPP *BSPP thread*	
01	G1/8"
02	G1/4"
03	G3/8"
04	G1/2"

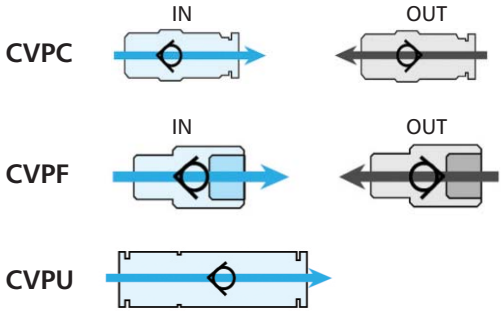
colore colletto
Sleeve colour

OUT: blu - *blue*
IN: rosso - *red*

SEZIONE INTERNA • *Construction*



ESEMPIO DI APPLICAZIONE • *Applied example*



DATI TECNICI

Fluidi compatibili	Aria
Materiali costruttivi	Corpo: Ottone nichelato (codice CVPF) Alluminio (codice CVPC) PBT (codice CVPU) Pinza di Tenuta: acciaio SUS 301 O'Ring: NBR senza silicone
Filettature	Gas Conica BSPT da R1/8" a R1/2" preteflonata Gas Cilindrica BSPP con OR da G1/8" a G1/2" Metrica M5, M6
Pressione d'esercizio	da -750mmHG a 10 Bar
Pressione minima di apertura	0,1 BAR
Temperatura d'esercizio	da 32 °F a 140 °F / da 0°C a 60°C
Tubi utilizzabili	Poliammide (PA) Poliuretano (PU)

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

Technical specifications

fluid types	*Air*
construction materials	*body: brass nickel plated (code CVPF)* *aluminium (code CVPC)* *PBT (code CVPU)* *lock claw: steel SUS 301* *o'ring: NBR silicon free*
threads	*BSPT from R1/8" to R1/2" teflon coated* *BSPP with OR from G1/8" to G1/2"* *Metric M5, M6*
working pressure	*from -750mmHG to 10 Bar*
minimum opening pressure	*0,1 BAR*
working temperature	*from 32 °F to 140 °F / from 0°C to 60°C*
applicable tubes	*polyamide (PA)* *polyurethane (PU)*

products in compliance with the directive 2002/95/EC RoHS

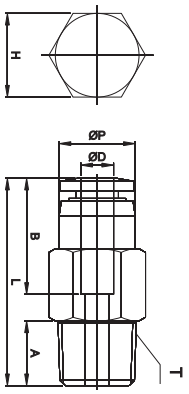
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

CVPC

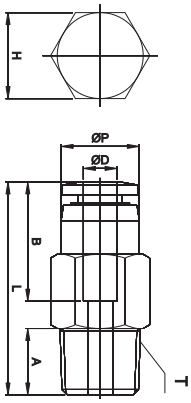
valvola unidirezionale diritto maschio conica BSPT - OUT • *male connector check valve BSPT thread - OUT*

CODE	ØD	T	ØP	L	A	B	H(Hex)	Peso Weight(g)	
CVPC 04R01	4	R1/8"	10,0	27,3	8,0	15,3	10	9,8	100
CVPC 06R01	6	R1/8"	11,9	32,6	8,0	16,3	12	12,8	100
CVPC 06R02		R1/4"		32,6	10,0	16,3	14	19,8	50
CVPC 08R01	8	R1/8"	14,0	34,9	8,0	18,3	14	18,7	50
CVPC 08R02		R1/4"		37,2	10,0	18,3	14	20,7	50
CVPC 10R03	10	R3/8"	23,0	56,3	11,0	20,3	22	45,5	25
CVPC 10R04		R1/2"		58,3	14,0	20,3	22	63,5	25
CVPC 12R03	12	R3/8"	25,0	62,3	12,0	23,3	24	48,3	20
CVPC 12R04		R1/2"		65,3	14,0	23,3	24	68,3	20



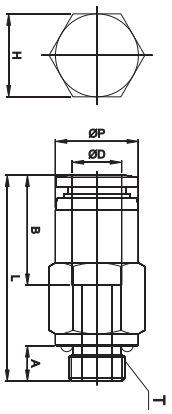
valvola unidirezionale diritto maschio conica BSPT - IN • *male connector check valve BSPT thread - IN*

CODE	ØD	T	ØP	L	A	B	H(Hex)	Peso Weight(g)	
CVPC 04R01-IN	4	R1/8"	10,0	27,3	8,0	15,3	10	9,8	100
CVPC 06R01-IN	6	R1/8"	11,9	32,6	8,0	16,3	12	12,8	100
CVPC 06R02-IN		R1/4"		32,6	10,0	16,3	14	19,8	50
CVPC 08R01-IN	8	R1/8"	14,0	34,9	8,0	18,3	14	18,7	50
CVPC 08R02-IN		R1/4"		37,2	10,0	18,3	14	20,7	50
CVPC 10R03-IN	10	R3/8"	23,0	56,3	11,0	20,3	22	45,5	25
CVPC 10R04-IN		R1/2"		58,3	14,0	20,3	22	63,5	25
CVPC 12R03-IN	12	R3/8"	25,0	62,3	12,0	23,3	24	48,3	20
CVPC 12R04-IN		R1/2"		65,3	14,0	23,3	24	68,3	20



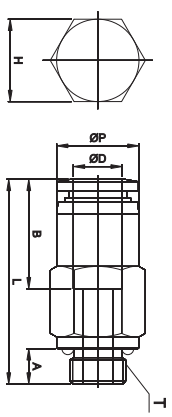
valvola unidirezionale diritto maschio cilindrica BSPP & metrica - OUT • *male connector check valve BSPP & metric thread - OUT*

CODE	ØD	T	ØP	L	A	B	H(Hex)	Peso Weight(g)	
CVPC 04M5	4	M5x0,8P	10,0	31,4	3,6	15,3	10	11,8	100
CVPC 04M6		M6x1,0P		30,4	4,6	15,3	10	11,8	100
CVPC 04G01		G1/8"		26,3	5,0	15,3	10	11,8	100
CVPC 06G01	6	G1/8"	11,9	31,6	5,0	17,0	12	15,8	100
CVPC 06G02		G1/4"		32,1	6,5	17,0	15	25,8	50
CVPC 08G01	8	G1/8"	14,0	33,8	5,0	18,6	14	16,7	50
CVPC 08G02		G1/4"		36,7	6,5	18,6	15	25,7	50
CVPC 10G03	10	G3/8"	23,0	52,5	6,5	20,3	22	33,5	20
CVPC 10G04		G1/2"		54,3	8,0	20,3	24	39,5	20
CVPC 12G03	12	G3/8"	25,0	57,5	6,5	23,3	24	41,3	20
CVPC 12G04		G1/2"		59,3	8,0	23,3	24	44,3	20



valvola unidirezionale diritto maschio cilindrica BSPP & metrica - IN • *male connector check valve BSPP & metric thread - IN*

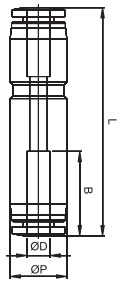
CODE	ØD	T	ØP	L	A	B	H(Hex)	Peso Weight(g)	
CVPC 04M5-IN	4	M5x0,8P	10,0	31,4	3,6	15,3	10	11,8	100
CVPC 04M6-IN		M6x1,0P		30,4	4,6	15,3	10	11,8	100
CVPC 04G01-IN		G1/8"		26,3	5,0	15,3	10	11,8	100
CVPC 06G01-IN	6	G1/8"	11,9	31,6	5,0	17,0	12	15,8	100
CVPC 06G02-IN		G1/4"		32,1	6,5	17,0	15	25,8	50
CVPC 08G01-IN	8	G1/8"	14,0	33,8	5,0	18,6	14	16,7	50
CVPC 08G02-IN		G1/4"		36,7	6,5	18,6	15	25,7	50
CVPC 10G03-IN	10	G3/8"	23,0	52,5	6,5	20,3	22	33,5	20
CVPC 10G04-IN		G1/2"		54,3	8,0	20,3	24	39,5	20
CVPC 12G03-IN	12	G3/8"	25,0	57,5	6,5	23,3	24	41,3	20
CVPC 12G04-IN		G1/2"		59,3	8,0	23,3	24	44,3	20



CVPU

valvola di non ritorno intermedia diritta • *union connector check valve*

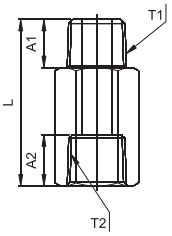
CODE	ØD	ØP	L	B	Peso Weight(g)	
CVPU 04	4	10,5	42,3	15,7	5,6	100
CVPU 06	6	12,5	47,5	17,0	8,4	100
CVPU 08	8	14,8	56,4	19,1	13,4	50
CVPU 10	10	23,0	65,2	20,3	16,4	25
CVPU 12	12	25,0	73,0	23,3	31,2	25

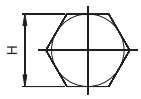


CVPF

valvola unidirezionale diritto femmina conica BSPT - OUT • *female connector check valve BSPT thread - OUT*

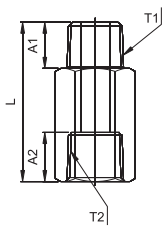
CODE	T1	T2	L	A1	A2	H(Hex)	Peso Weight(g)	
CVPF 01R01	R1/8"	R1/8"	28,1	8	8	12	16	100
CVPF 02R02	R1/4"	R1/4"	34,1	11	11	17	39	50
CVPF 03R03	R3/8"	R3/8"	53,8	12	12	22	107	25
CVPF 04R04	R1/2"	R1/2"	61,0	14	14	24	130	25

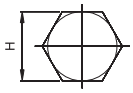




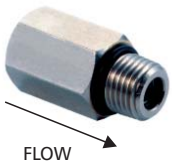
valvola unidirezionale diritto femmina conica BSPT - IN • *female connector check valve BSPT thread - IN*

CODE	T1	T2	L	A1	A2	H(Hex)	Peso Weight(g)	
CVPF 01R01-IN	R1/8"	R1/8"	28,1	8	8	12	16	100
CVPF 02R02-IN	R1/4"	R1/4"	34,1	11	11	17	39	50
CVPF 03R03-IN	R3/8"	R3/8"	53,8	12	12	22	107	25
CVPF 04R04-IN	R1/2"	R1/2"	61,0	14	14	24	130	25

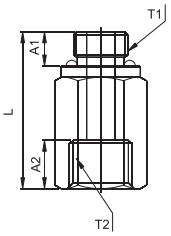


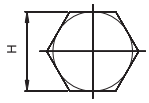


valvola unidirezionale diritto femmina cilindrica BSPP - OUT • *female connector check valve BSPP thread - OUT*

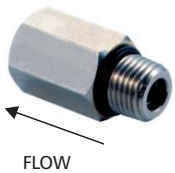


CODE	T1	T2	L	A1	A2	H(Hex)	Peso Weight(g)	
CVPF 01G01	G1/8"	G1/8"	26,6	5,0	8	14	24	100
CVPF 02G02	G1/4"	G1/4"	33,1	6,5	11	17	40	50
CVPF 03G03	G3/8"	G3/8"	49,0	6,5	11	22	102	25
CVPF 04G04	G1/2"	G1/2"	55,7	8,0	14	24	121	25

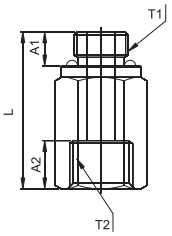


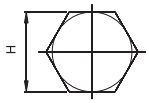


valvola unidirezionale diritto femmina cilindrica BSPP - IN • *female connector check valve BSPP thread - IN*



CODE	T1	T2	L	A1	A2	H(Hex)	Peso Weight(g)	
CVPF 01G01-IN	G1/8"	G1/8"	26,6	5,0	8	14	24	100
CVPF 02G02-IN	G1/4"	G1/4"	33,1	6,5	11	17	40	50
CVPF 03G03-IN	G3/8"	G3/8"	49,0	6,5	11	22	102	25
CVPF 04G04-IN	G1/2"	G1/2"	55,7	8,0	14	24	121	25





VALVOLE UNIDIREZIONALI F/F e M/F IN OTTONE NICHELATO PN 10
check valves F/F e M/F in brass nickel plated PN 10

DATI TECNICI

Fluidi compatibili	Aria compressa e altri fluidi compatibili con i materiali costruttivi
Materiali costruttivi	Corpo: Ottone Nichelato Otturatore a Sfera: AISI 304 Molla: AISI 302 O'Ring: NBR 70
Filettature d'estremità	UNI ISO 228/1
Pressione d'esercizio	10 Bar
Temperatura d'esercizio	NBR: da -5°C a +70°C EPDM: da -40°C a +140°C
Direzione del flusso	Circolazione dei fluidi in una sola direzione. Indicazione della direzione del fluido incisa sul sul corpo
Caratteristiche	Realizzate con otturatore a sfera che garantisce il vantaggio di eliminare l'attrito dei componenti e, contemporaneamente aumenta la durata nel tempo. **A richiesta con o'ring in EPDM**

Technical specifications

fluid types	*compressed air and fluids compatible with construction materials*
construction materials	*body: brass nickel plated* *shutter with ball: AISI 304* *spring: AISI 302* *o'ring: NBR 70*
threaded ends	*UNI ISO 228/1*
working pressure	*10 Bar*
working temperature	*NBR: from -5°C to +70°C* *EPDM: from -40°C to +140°C*
direction of the flow	*one way fluids flow.* *Indication of the fluid direction engraved on the body*
advantages	*realized with sphere stopper which guarantees the advantage to eliminate the friction of the members and, at the same time, to increase the lifetime.* ***available with EPDM o'ring on request***

Prodotti conformi alla direttiva 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC **RoHS**

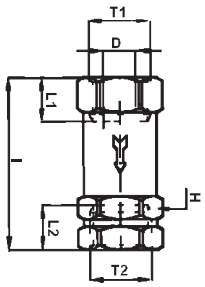
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

1700L

valvola unidirezionale F/F a sfera cilindrica BSPP & metrico in ottone nichelato PN 10
F/F check valve with ball BSPP & metric thread nickel brass PN 10

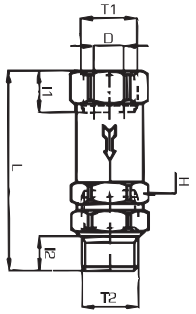
CODE	T1	T2	PN (Bar)	D	L1	L2	I	H(Hex)	PA min (Bar)	
1700TRM5L	M5	M5	10	2,8	6,0	6,0	24	10	0,025	10
1700TR18L	G1/8"	G1/8"	10	5,0	8,0	8,0	31	13	0,025	10
1700TR14L	G1/4"	G1/4"	10	7,0	9,5	9,5	37	16	0,025	10
1700TR38L	G3/8"	G3/8"	10	8,5	10,5	10,5	42	20	0,025	10
1700TR12L	G1/2"	G1/2"	10	10,0	12,0	12,0	50	25	0,025	10



1701L

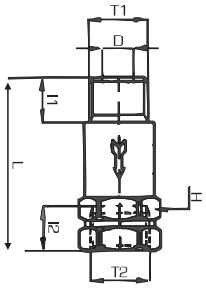
valvola unidirezionale F/M a sfera cilindrica BSPP in ottone nichelato PN 10 - OUT
F/M check valve with ball BSPP thread brass nickel plated PN 10 - OUT

CODE	T1	T2	PN (Bar)	D	I1	I2	L	H(Hex)	PA min (Bar)	
1701TR18L	G1/8"	G1/8"	10	5	8,0	7	39	13	0,025	10
1701TR14L	G1/4"	G1/4"	10	7	9,5	8	46	16	0,025	10



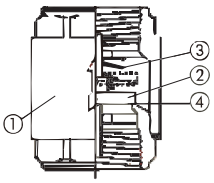
valvola unidirezionale M/F a sfera cilindrica BSPP in ottone nichelato PN 10 - IN
M/F check valve with ball BSPP thread brass nickel plated PN 10 - IN

CODE	T1	T2	PN (Bar)	D	I1	I2	L	H(Hex)	PA min (Bar)	
1701TR18L-IN	G1/8"	G1/8"	10	5	7	8,0	30	13	0,025	10
1701TR14L-IN	G1/4"	G1/4"	10	7	8	9,5	35	16	0,025	10



VALVOLA UNIDIREZIONALE IN OTTONE GIALLO PN 16
check valve in yellow brass PN 16

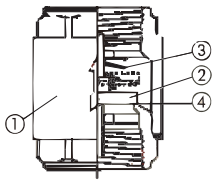
DATI TECNICI

Fluidi compatibili	Aria, gas neutri ed acqua
Materiali costruttivi	

1. Corpo: ottone giallo
2. Otturatore: resina acetalica
3. Molla: AISI 302
4. O'Ring: NBR

Filettature d'estremità	UNI ISO 228/1
Pressione d'esercizio	Vedi tabella "PN"
Temperatura d'esercizio	NBR: da 0°C a +90°C
Direzione del flusso	Circolazione dei fluidi in una sola direzione. Indicazione della direzione del fluido incisa sul sul corpo

Technical specifications

fluid types	*air, neutral gases & water*
construction materials	

1. body: yellow brass
2. shutter: acetal copolymer
3. spring: AISI 302
4. o'ring: NBR

t hreaded ends	*UNI ISO 228/1*
working pressure	*see technical table "PN"*
working temperature	*NBR: from 0°C to +90°C*
direction of the flow	*one way fluids flow. Indication of the fluid direction engraved on the body*

Prodotti conformi alla direttiva 2002/95/EC RoHS

Prodotti conformi alla direttiva 1907/2006 REACH

products in compliance with the directive 2002/95/EC RoHS

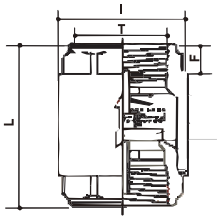
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

1705L

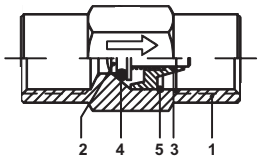
valvola unidirezionale cilindrica BSPP in ottone giallo PN 16 • *check valve BSPP thread in yellow brass PN 16*

CODE	T	PN (Bar)	F mm	I mm	L mm	
1705TR38L	G3/8"	16	12	29	46	10
1705TR12L	G1/2"	16	12	30	48	10
1705TR34L	G3/4"	16	14	37	53	10
1705TR1L	G1"	16	15	44	59	10
1705TR114L	G1"-1/4"	10	14	56	66	10
1705TR112L	G1"-1/2"	10	15	63	71	10
1705TR2L	G2"	10	14	78	80	10
1705TR212L	G2"-1/2"	8	16	103	93	10
1705TR3L	G3"	8	18	120	104	10
1705TR4L	G4"	8	20	155	119	10

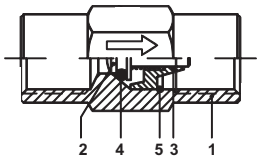


VALVOLA UNIDIREZIONALE IN OTTONE GIALLO PN 20
check valve in yellow brass PN 20

DATI TECNICI

Fluidi compatibili	aria compressa, acqua, gas, oli minerali o sintetici non aggressivi in ambienti non corrosivi e fluidi compatibili con i materiali costruttivi
Materiali costruttivi	 1. Corpo: ottone giallo OT58 2. Otturatore: ottone giallo OT58 3. Molla: AISI 302 4. O'Ring: NBR 5. Anello di Serraggio: AISI 302
Pressione d'esercizio	20 Bar
Temperatura d'esercizio	NBR: da -20°C a +100°C VITON: da -20°C a +205°C EPDM: da -40°C a +130°C
Direzione del flusso	Circolazione dei fluidi in una sola direzione. Indicazione della direzione del fluido incisa sul sul corpo
Caratteristiche	**- Possibilità di montaggio con o'ring in VITON o EPDM.** **- A richiesta differenti pressioni di apertura.** **- Possibilità di fornirle sgrassate per ossigeno con suffisso -SG.**

Technical specifications

fluid types	*compressed air, water, gases, not aggressive mineral or synthetic oils in uncorrosive environments and fluids compatible with construction materials*
construction materials	 *1. body: yellow brass OT 58* *2. shutter: yellow brass OT 58* *3. spring: AISI 302* *4. o'ring: NBR* *5. retaining ring: AISI 302*
working pressure	*20 bar*
working temperature	*NBR: from -20°C to +100°C* *VITON: from -20°C to +205°C* *EPDM: from -40°C to +130°C*
direction of the flow	*one way fluids flow. Indication of the fluid direction engraved on the body*
advantages	***- Available with VITON or EPDM o'rings.*** ***- On demand available different springs for different opening pressures.*** ***- Available to be supplied degreased for oxygen applications with SG into the code.***

Disponibili a richiesta anche con filetto NPT
available on demand also for NPT thread

Prodotti conformi alla direttiva 2002/95/EC RoHS
products in compliance with the directive 2002/95/EC RoHS

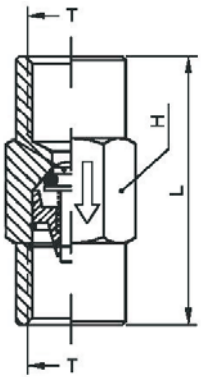
Prodotti conformi alla direttiva 1907/2006 REACH
products in compliance with the directive 1907/2006 REACH

I dati tecnici e le quote non sono vincolanti • *drawings and technical data are not binding*

valvola unidirezionale cilindrica BSPP in ottone giallo PN 20
check valve BSPP thread in yellow brass PN 20

1705

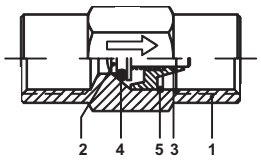
CODE	T	PN (Bar)	PA min (Bar)	L mm	H (Hex)	Peso Weight (g)	
1705TR18	G1/8"	20	0,35	40,0	17	52,0	1
1705TR14	G1/4"	20	0,30	41,0	17	45,0	1
1705TR38	G3/8"	20	0,25	47,0	22	90,0	1
1705TR12	G1/2"	20	0,08	56,0	27	153,0	1
1705TR34	G3/4"	20	0,10	66,5	34	285,0	1
NEW **1705TR1**	G1"	20	0,80	79,0	40	388,0	1



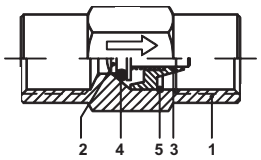
VALVOLA UNIDIREZIONALE INOX AISI 303 PN 20
check valve INOX AISI 303 PN 20

AISI 303

DATI TECNICI

Fluidi compatibili	Aria compressa, acqua, gas e acidi deboli in ambienti ossidanti e corrosivi e fluidi compatibili con i materiali costruttivi
Materiali costruttivi	
	1. Corpo: AISI 303 2. Otturatore: AISI 303 3. Molla: AISI 302 4. O'Ring: VITON 5. Anello di Serraggio: AISI 302
Pressione d'esercizio	20 Bar
Temperatura d'esercizio	VITON: da -20°C a +205°C EPDM: da -40°C a +130°C
Direzione del flusso	Circolazione dei fluidi in una sola direzione. Indicazione della direzione del fluido incisa sul sul corpo
Caratteristiche	**- Possibilità di montaggio con o'ring in EPDM** **- A richiesta differenti pressioni di apertura.** **- Possibilità di fornirle sgrassate per ossigeno con suffisso -SG.**

Technical specifications

fluid types	*compressed air, water, gases and weak acids in corrosive environments and fluids compatible with construction materials*
construction materials	
	1. body: AISI 303 *2. shutter: AISI 303* *3. spring: AISI 302* *4. o'ring: VITON* *5. retaining ring: AISI 302*
working pressure	*20 bar*
working temperature	*VITON: from -20°C to +205°C* *EPDM: from -40°C to +130°C*
direction of the flow	*one way fluids flow. Indication of the fluid engraved on the body*
advantages	***- Available EPDM o'rings.*** ***- on demand available different springs for different opening pressures.*** ***- Available to be supplied degreased for oxygen applications with SG into the code.***

Disponibili a richiesta anche con filetto NPT
available on demand also for NPT thread

Prodotti conformi alla direttiva 2002/95/EC **RoHS**
products in compliance with the directive 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 REACH
products in compliance with the directive 1907/2006 REACH

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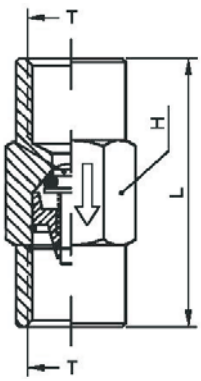
valvola unidirezionale cilindrica BSPP INOX AISI 303 • *check valve BSPP thread INOX AISI 303*

1710

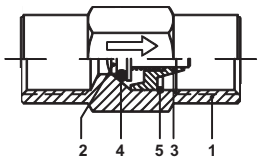
AISI 303

CODE	T	PN	PA min (Bar)	L mm	H mm	Peso Weight (g)	
1710TR18	G1/8"	20	0,35	40,0	17	48,0	1
1710TR14	G1/4"	20	0,30	41,0	17	43,0	1
1710TR38	G3/8"	20	0,25	47,0	22	82,0	1
1710TR12	G1/2"	20	0,08	56,0	27	143,0	1
1710TR34	G3/4"	20	0,10	66,5	36	325,0	1
NEW **1710TR1**	G1"	20	0,80	79,0	41	388,0	1

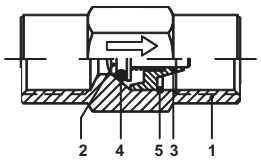


VALVOLA UNIDIREZIONALE INOX AISI 316L PN 20
check valve INOX AISI 316L PN 20

DATI TECNICI — AISI 316L

Applicazioni	Pneumatica, ambienti ossidanti e corrosivi a contatto con acqua, gas e acidi deboli Particolarmente adatto per l'industria alimentare, chimica, medicale, laboratori di analisi, dissalatori di acqua potabile ed imbarcazioni
Materiali	 1. Corpo: AISI 316L 2. Otturatore: AISI 316L 3. Molla: AISI 302 4. O'Ring: VITON 5. Anello di Serraggio: AISI 316L
Pressione d'esercizio	20 Bar
Temperatura d'esercizio	VITON: da -20°C a +205°C EPDM: da -40°C a +130°C
Direzione del flusso	Circolazione dei fluidi in una sola direzione. Indicazione della direzione del fluido incisa sul sul corpo (inserisci il simbolo)
Caratteristiche	- **Possibilità di montaggio con o'ring in EPDM - A richiesta differenti pressioni di apertura.** - **Possibilità di fornirle sgrassate per ossigeno con suffisso -SG.**

Technical specifications — AISI 316L

applicable fluids	*pneumatic application in corrosive environments in contact with water, gases and weak acids suitable for food industry, chemical industry, medical application, laboratories of analysis, desalinization plants and boats*
materials	 *1. body: AISI 316L* *2. shutter: AISI 316L* *3. spring: AISI 302* *4. o'ring: VITON* *5. retaining ring: AISI 316L*
working pressure	*20 bar*
working temperature	*VITON: from -20°C to +205°C* *EPDM: from -40°C to +130°C*
direction of the flow	*one way fluids flow. Indication of the fluid engraved on the body*
advantages	***- Available EPDM o'rings*** ***- On demand available different springs for different opening pressures.*** ***- Available to be supplied degreased for oxygen applications with SG into the code.***

Disponibili a richiesta anche con filetto NPT
available on demand also for NPT thread

Prodotti conformi alla direttiva 2002/95/EC **RoHS**
products in compliance with the directive 2002/95/EC **RoHS**

Prodotti conformi alla direttiva 1907/2006 REACH
products in compliance with the directive 1907/2006 REACH

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valvola unidirezionale cilindrica BSPP INOX AISI 316L
check valve BSPP thread INOX AISI 316L

1730 — AISI 316L

CODE	T	PN	PA min (Bar)	L mm	H mm	Peso Weight (g)	
1730TR18	G1/8"	20	0,35	40,0	17	48,0	1
1730TR14	G1/4"	20	0,30	41,0	17	43,0	1
1730TR38	G3/8"	20	0,25	47,0	22	84,0	1
1730TR12	G1/2"	20	0,08	56,0	27	143,0	1
1730TR34	G3/4"	20	0,10	66,5	36	330,0	1
NEW **1730TR1**	G1"	20	0,80	79,0	41	388,0	1