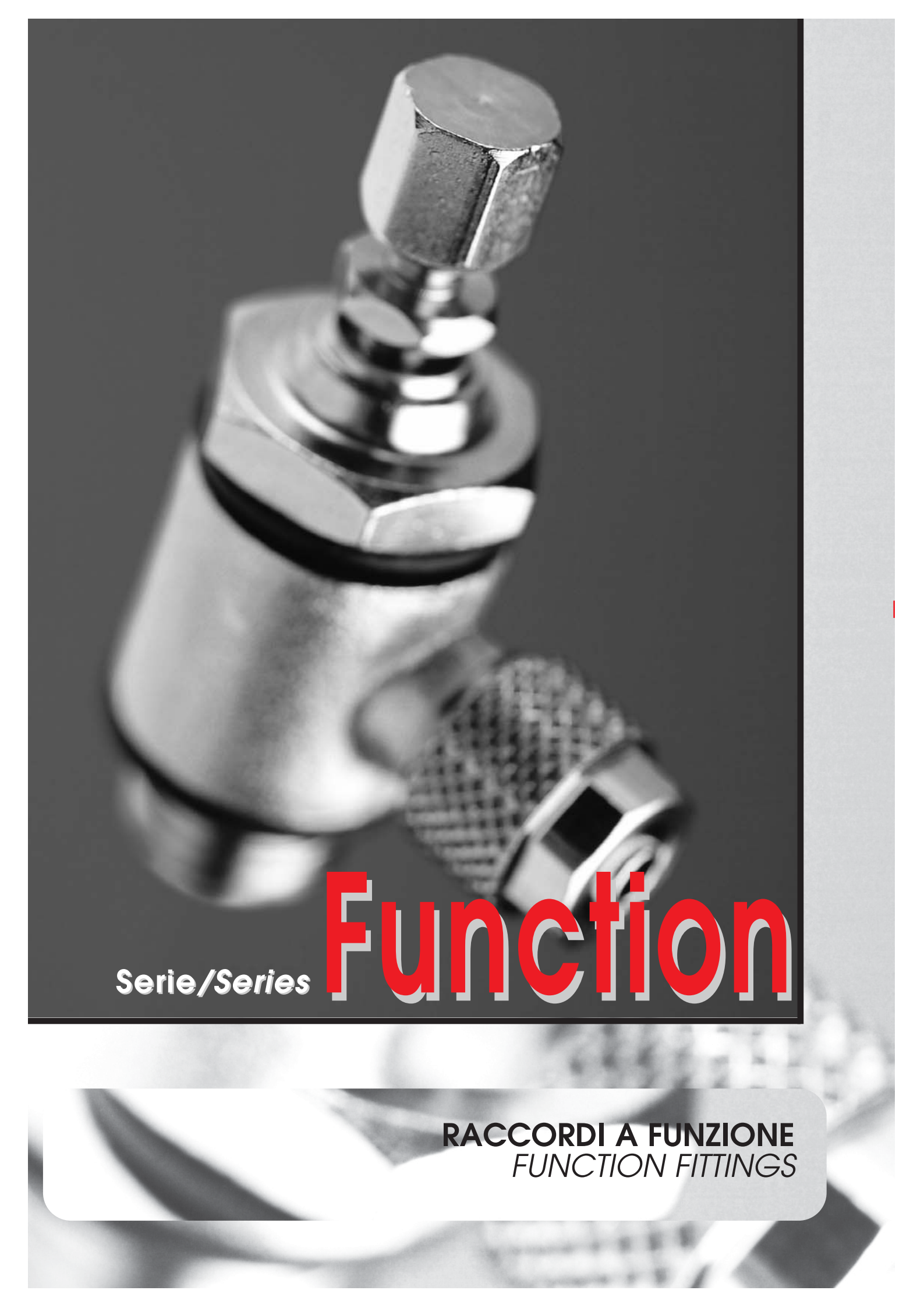




Serie / Series

Function

RACCORDI A FUNZIONE
FUNCTION FITTINGS

Regolatori di Portata Serie 50000 / Adjustable Restrictor Values 50000 Series

Caratteristiche Tecniche / Technical Characteristics



Pressioni / Pressures

Pressione minima / Minimum pressure: **1 bar (0.1 MPa)**

Pressione massima / Maximum pressure: **10 bar (1 MPa)**

Temperature / Temperatures

Temperatura minima / Minimum temperature: **-20 °C**

Temperatura massima / Maximum temperature: **+80 °C**

Filettature / Threads

Filettatura (SHORT).

(SHORT) Threads.

Fluidi compatibili / Fluids

Aria compressa / Compressed air.

Tubi di collegamento / Connection Tubes

Tubi in materiale plastico:

PA6, PA11, PA12, Polietilene, *Poliuretano; ecc.

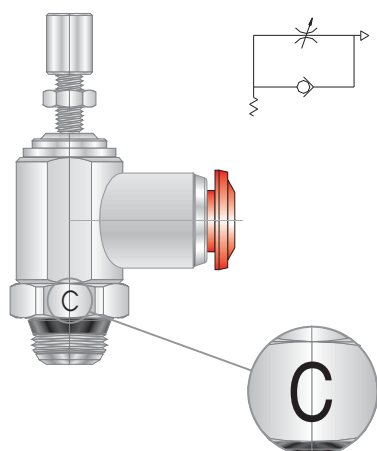
*Per tubi in Poliuretano é consigliata una durezza di 98 shore.

Plastic tubes:

PA6, PA11, PA12, Polyethylene, *Polyurethane, ecc.

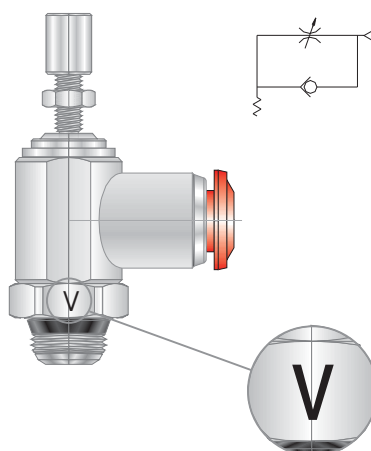
*For Polyurethane hoses it is required a minimum hardness of 98 shore.

**UNIDIREZIONALE PER
CILINDRO**
UNI-DIRECTIONAL
FOR CYLINDER



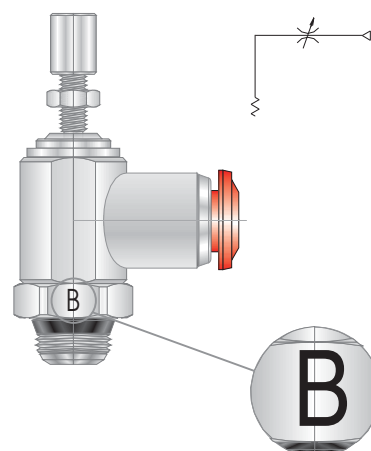
ART. 50901
ART. 50905

**UNIDIREZIONALE PER
VAVOLA**
UNI-DIRECTIONAL
FOR VALVE



ART. 50910
ART. 50915

BIDIREZIONALE
BI-DIRECTIONAL



ART. 50920
ART. 50925

COME ORDINARE

I regolatori standard di questa serie prevedono:

- Trattamento superficiale di NICHELATURA
- Spintore sgancio tubo ROSSO per art. serie 50000.
- Spintore sgancio tubo NERO per art. serie 55000.

Gli articoli standard possono essere ordinati specificando solo ARTICOLO, MISURA, QUANTITA'.

HOW TO ORDER

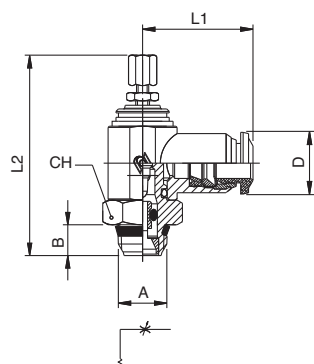
The standard items of this series are supplied with:

- Surface treatment of NICKEL-PLATING
- RED Collet for 50000 series
- BLACK Collet for 55000 series

To order the standard items simply specify the ARTICLE CODE, SIZE and QUANTITY.

50925

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE MANUALE ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) MANUAL REGULATION



Tubo Tube		A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	-	M5	4	19	38.5	42.5	8	10	10
4	-	M5	4	19	38.5	42.5	8	10	10
4	-	1/8	5.5	21	44	49	14	10	10
5	-	M5	4	20	38.5	42.5	8	12.5	10
5	-	1/8	5.5	21.5	44	49	14	12.5	10
5	-	1/4	7	24.5	48.5	55	17	12.5	10
6	-	M5	4	20.5	38.5	42.5	8	12.5	10
6	-	1/8	5.5	22.5	44	49	14	12.5	10
6	-	1/4	7	25	48.5	55	17	12.5	10
8	-	1/8	5.5	24	44	49	14	14	10
8	-	1/4	7	26	48.5	55	17	14	10
8	-	3/8	7.5	28.5	56	65	20	14	10
10	-	1/4	7	28.5	48.5	55	17	17	10
10	-	3/8	7.5	30.5	56	65	20	17	10
12	-	3/8	7.5	32.5	56	65	20	21.5	10
12	-	1/2	9	35	62	69	24	21.5	10
14	-	1/2	9	35.5	62	69	24	21.5	10

5 0 9 2 5

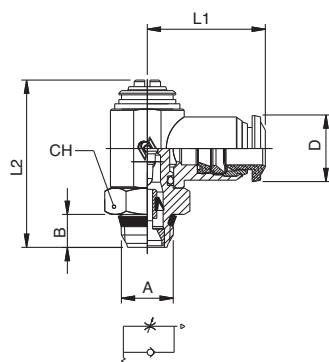
14 - 1/2

CODICE ARTICOLO
ARTICLE CODE

MISURA
SIZE

50901

REGOLATORE UNIDIREZIONALE ORIENTABILE PER CILINDRO SHORT REGOLAZIONE A CACCIIVITE
ORIENTING FLOW REGULATOR FOR CILINDER (SHORT) SCREWDRIVER REGULATION

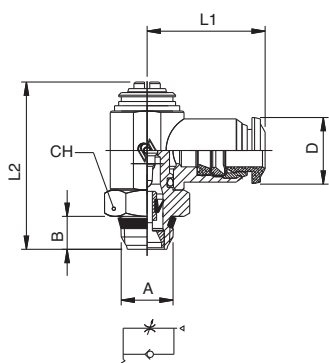


Tubo Tube	A	B	L1	L2	CH	D	Conf. Pack.
3	- M5	4	19	29.5	8	10	25
4	- M5	4	19	29.5	8	10	25
4	- 1/8	5.5	21	31	14	10	25
5	- M5	4	20	29.5	8	12.5	25
5	- 1/8	5.5	21.5	31	14	12.5	25
5	- 1/4	7	24.5	36.5	17	12.5	25
6	- M5	4	20.5	29.5	8	12.5	25
6	- 1/8	5.5	22.5	31	14	12.5	25
6	- 1/4	7	25	36.5	17	12.5	25
8	- 1/8	5.5	24	31	14	14	25
8	- 1/4	7	26	36.5	17	14	25
8	- 3/8	7.5	28.5	42.5	20	14	25
10	- 1/4	7	28.5	36.5	17	17	25
10	- 3/8	7.5	30.5	42.5	20	17	25
12	- 3/8	7.5	32.5	42.5	20	21.5	25
12	- 1/2	9	35	47	24	21.5	25
14	- 1/2	9	35.5	47	24	21.5	25



50910

REGOLATORE UNIDIREZIONALE ORIENTABILE PER VALVOLA SHORT REGOLAZIONE A CACCIIVITE
ORIENTING FLOW REGULATOR FOR VALVE (SHORT) SCREWDRIVER REGULATION

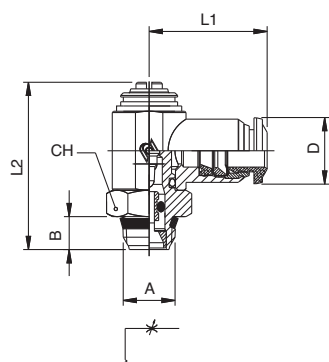


Tubo Tube	A	B	L1	L2	CH	D	Conf. Pack.
3	- M5	4	19	29.5	8	10	25
4	- M5	4	19	29.5	8	10	25
4	- 1/8	5.5	21	31	14	10	25
5	- M5	4	20	29.5	8	12.5	25
5	- 1/8	5.5	21.5	31	14	12.5	25
5	- 1/4	7	24.5	36.5	17	12.5	25
6	- M5	4	20.5	29.5	8	12.5	25
6	- 1/8	5.5	22.5	31	14	12.5	25
6	- 1/4	7	25	36.5	17	12.5	25
8	- 1/8	5.5	24	31	14	14	25
8	- 1/4	7	26	36.5	17	14	25
8	- 3/8	7.5	28.5	42.5	20	14	25
10	- 1/4	7	28.5	36.5	17	17	25
10	- 3/8	7.5	30.5	42.5	20	17	25
12	- 3/8	7.5	32.5	42.5	20	21.5	25
12	- 1/2	9	35	47	24	21.5	25
14	- 1/2	9	35.5	47	24	21.5	25



50920

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE A CACCIIVITE
ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) SCREWDRIVER REGULATION

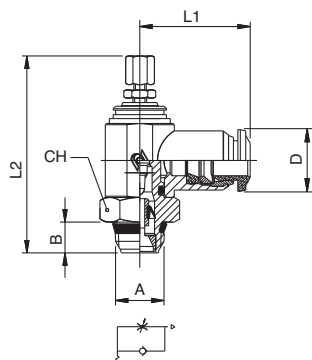


Tubo Tube	A	B	L1	L2	CH	D	Conf. Pack.
3	- M5	4	19	29.5	8	10	25
4	- M5	4	19	29.5	8	10	25
4	- 1/8	5.5	21	31	14	10	25
5	- M5	4	20	29.5	8	12.5	25
5	- 1/8	5.5	21.5	31	14	12.5	25
5	- 1/4	7	24.5	36.5	17	12.5	25
6	- M5	4	20.5	29.5	8	12.5	25
6	- 1/8	5.5	22.5	31	14	12.5	25
6	- 1/4	7	25	36.5	17	12.5	25
8	- 1/8	5.5	24	31	14	14	25
8	- 1/4	7	26	36.5	17	14	25
8	- 3/8	7.5	28.5	42.5	20	14	25
10	- 1/4	7	28.5	36.5	17	17	25
10	- 3/8	7.5	30.5	42.5	20	17	25
12	- 3/8	7.5	32.5	42.5	20	21.5	25
12	- 1/2	9	35	47	24	21.5	25
14	- 1/2	9	35.5	47	24	21.5	25



50905

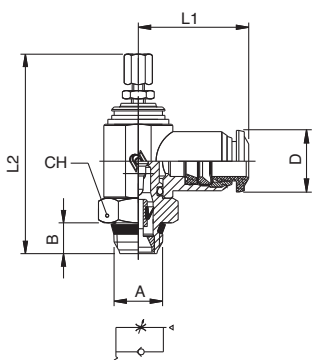
REGOLATORE UNIDIREZIONALE ORIENTABILE PER CILINDRO SHORT REGOLAZIONE MANUALE
ORIENTING FLOW REGULATOR FOR CILINDER (SHORT) MANUAL REGULATION



Tubo Tube	A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	- M5	4	19	38.5	42.5	8	10	10
4	- M5	4	19	38.5	42.5	8	10	10
4	- 1/8	5.5	21	44	49	14	10	10
5	- M5	4	20	38.5	42.5	8	12.5	10
5	- 1/8	5.5	21.5	44	49	14	12.5	10
5	- 1/4	7	24.5	48.5	55	17	12.5	10
6	- M5	4	20.5	38.5	42.5	8	12.5	10
6	- 1/8	5.5	22.5	44	49	14	12.5	10
6	- 1/4	7	25	48.5	55	17	12.5	10
8	- 1/8	5.5	24	44	49	14	14	10
8	- 1/4	7	26	48.5	55	17	14	10
8	- 3/8	7.5	28.5	56	65	20	14	10
10	- 1/4	7	28.5	48.5	55	17	17	10
10	- 3/8	7.5	30.5	56	65	20	17	10
12	- 3/8	7.5	32.5	56	65	20	21.5	10
12	- 1/2	9	35	62	69	24	21.5	10
14	- 1/2	9	35.5	62	69	24	21.5	10

50915

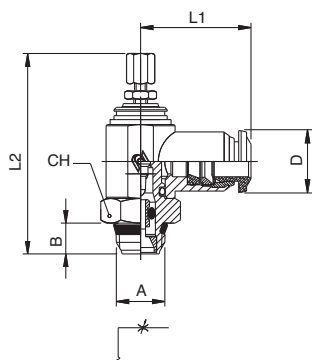
REGOLATORE UNIDIREZIONALE ORIENTABILE PER VALVOLA SHORT REGOLAZIONE MANUALE
ORIENTING FLOW REGULATOR FOR VALVE (SHORT) MANUAL REGULATION



Tubo Tube	A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	- M5	4	19	38.5	42.5	8	10	10
4	- M5	4	19	38.5	42.5	8	10	10
4	- 1/8	5.5	21	44	49	14	10	10
5	- M5	4	20	38.5	42.5	8	12.5	10
5	- 1/8	5.5	21.5	44	49	14	12.5	10
5	- 1/4	7	24.5	48.5	55	17	12.5	10
6	- M5	4	20.5	38.5	42.5	8	12.5	10
6	- 1/8	5.5	22.5	44	49	14	12.5	10
6	- 1/4	7	25	48.5	55	17	12.5	10
8	- 1/8	5.5	24	44	49	14	14	10
8	- 1/4	7	26	48.5	55	17	14	10
8	- 3/8	7.5	28.5	56	65	20	14	10
10	- 1/4	7	28.5	48.5	55	17	17	10
10	- 3/8	7.5	30.5	56	65	20	17	10
12	- 3/8	7.5	32.5	56	65	20	21.5	10
12	- 1/2	9	35	62	69	24	21.5	10
14	- 1/2	9	35.5	62	69	24	21.5	10

50925

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE MANUALE
ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) MANUAL REGULATION



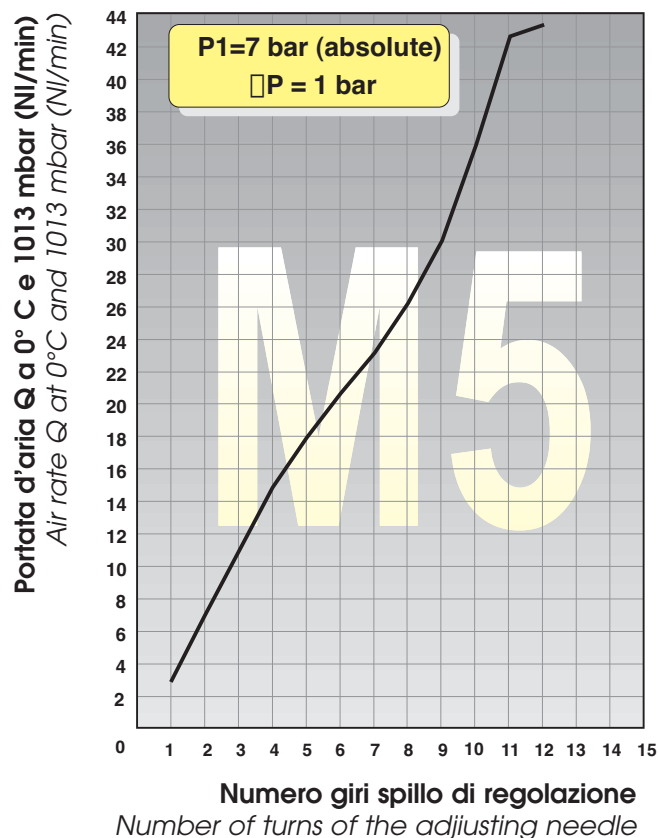
Tubo Tube	A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	- M5	4	19	38.5	42.5	8	10	10
4	- M5	4	19	38.5	42.5	8	10	10
4	- 1/8	5.5	21	44	49	14	10	10
5	- M5	4	20	38.5	42.5	8	12.5	10
5	- 1/8	5.5	21.5	44	49	14	12.5	10
5	- 1/4	7	24.5	48.5	55	17	12.5	10
6	- M5	4	20.5	38.5	42.5	8	12.5	10
6	- 1/8	5.5	22.5	44	49	14	12.5	10
6	- 1/4	7	25	48.5	55	17	12.5	10
8	- 1/8	5.5	24	44	49	14	14	10
8	- 1/4	7	26	48.5	55	17	14	10
8	- 3/8	7.5	28.5	56	65	20	14	10
10	- 1/4	7	28.5	48.5	55	17	17	10
10	- 3/8	7.5	30.5	56	65	20	17	10
12	- 3/8	7.5	32.5	56	65	20	21.5	10
12	- 1/2	9	35	62	69	24	21.5	10
14	- 1/2	9	35.5	62	69	24	21.5	10

CARATTERISTICHE DI FLUSSO REGOLATORI DI PORTATA UNIDIREZIONALI E BIDIREZIONALI FLOW CHARACTERISTICS ADJUSTABLE RESTRICTOR VALVES UNI-DIRECTIONALS AND BI-DIRECTIONALS

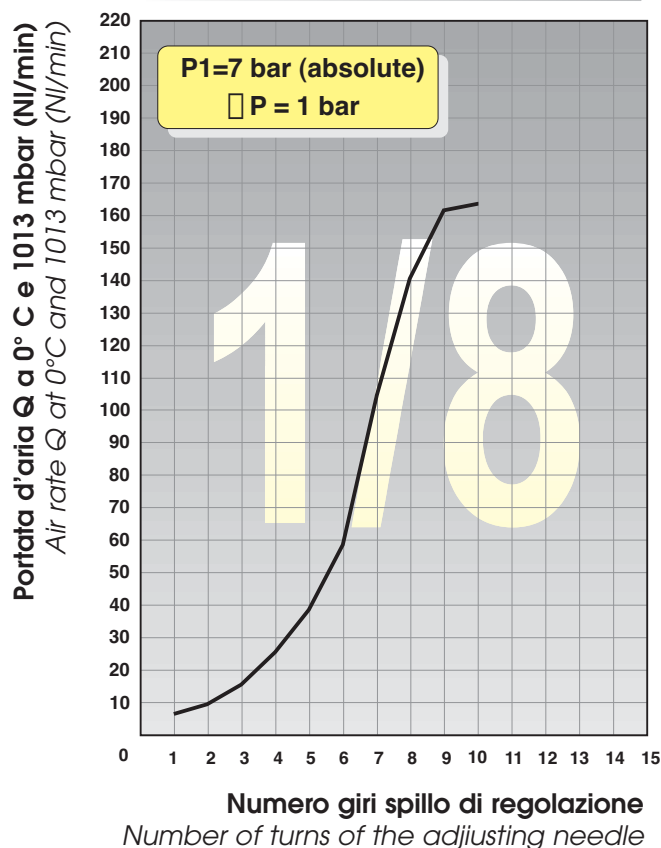
Riportiamo in questa pagina le caratteristiche di flusso dei regolatori per una corretta scelta della misura che più si adatta ad ogni specifico impiego.

In this page you can find the flow characteristics of the regulators, which will help you to chose the most suitable size to satisfy every specific use.

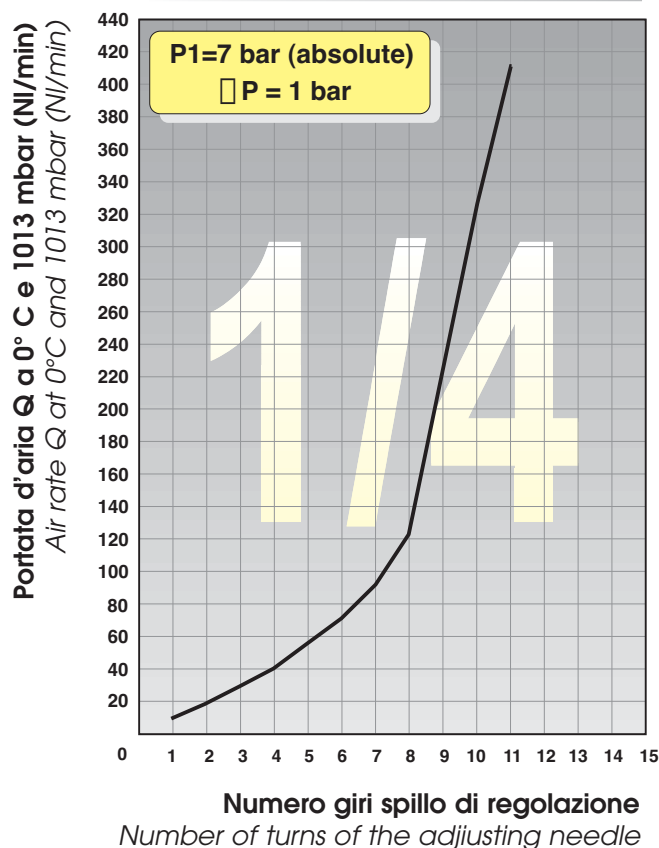
REGOLATORI DI PORTATA M5 (DN 1.5) ADJUSTABLE RESTRICTOR VALVES M5 (DN 1.5)



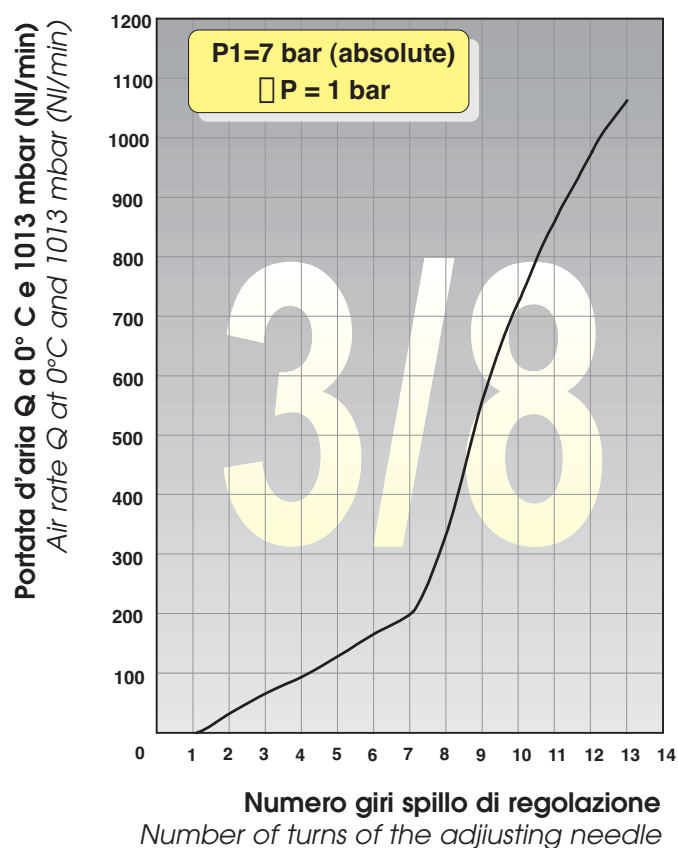
REGOLATORI DI PORTATA 1/8 (DN 2) ADJUSTABLE RESTRICTOR VALVES 1/8 (DN 2)



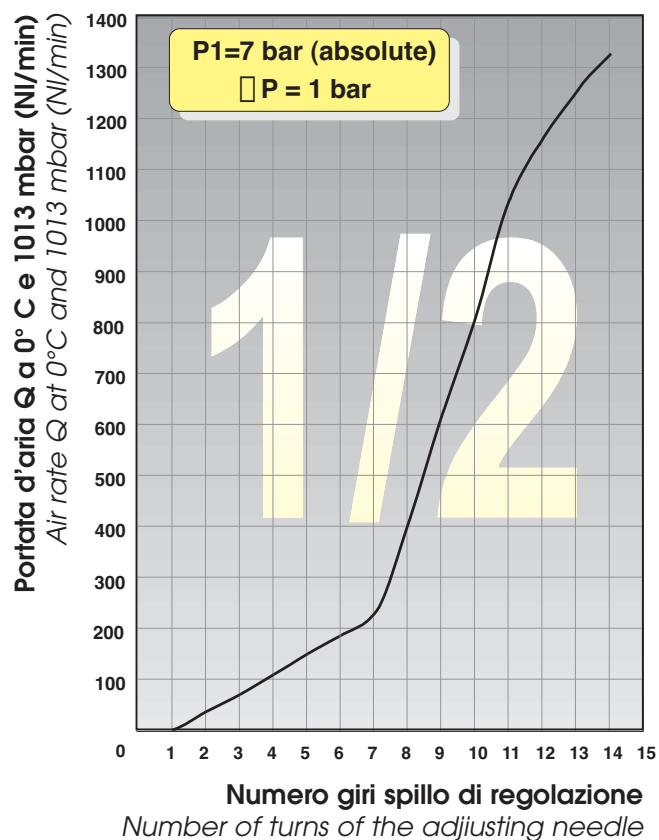
REGOLATORI DI PORTATA 1/4 (DN 3.5)
ADJUSTABLE RESTRICTOR VALVES 1/4 (DN 3.5)



REGOLATORI DI PORTATA 3/8 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 3/8 (DN 6)



REGOLATORI DI PORTATA 1/2 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 1/2 (DN 6)



Regolatori di Portata Serie 55000 / Adjustable Restrictor Values 55000 Series

Caratteristiche Tecniche / Technical Characteristics



Pressioni / Pressures

Pressione minima / Minimum pressure: **1 bar (0.1 MPa)**

Pressione massima / Maximum pressure: **10 bar (1 MPa)**

Temperature / Temperatures

Temperatura minima / Minimum temperature: **-20 °C**

Temperatura massima / Maximum temperature: **+80 °C**

Filettature / Threads

Filettatura conica "short" / "Short" taper thread.

Fluidi compatibili / Fluids

Aria compressa / Compressed air.

Tubi di collegamento / Connection Tubes

Tubi in materiale plastico:

PA6, PA11, PA12, Polietilene, *Poliuretano; ecc.

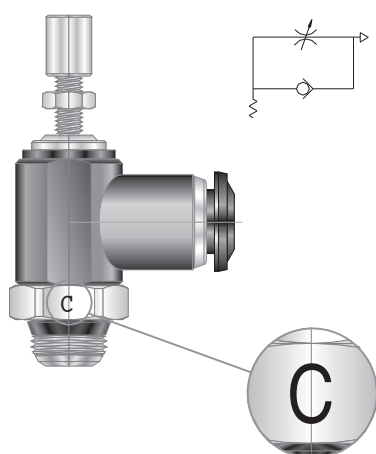
*Per tubi in Poliuretano é consigliata una durezza di 98 shore.

Plastic tubes:

PA6, PA11, PA12, Polyethylene, *Polyurethane, ecc.

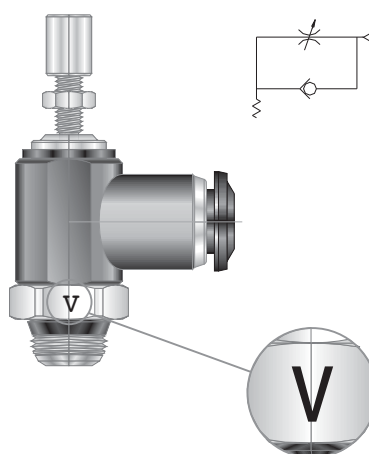
*For Polyurethane hoses it is required a minimum hardness of 98 shore.

**UNIDIREZIONALE PER
CILINDRO**
UNI-DIRECTIONAL
FOR CYLINDER



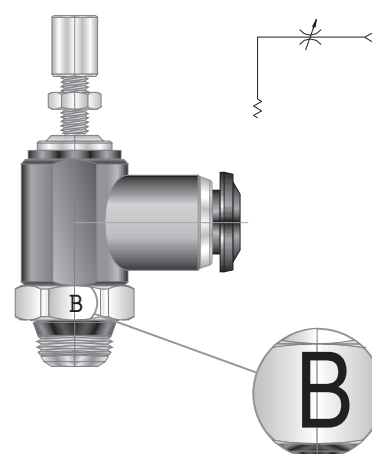
ART. 55900
ART. 55905

**UNIDIREZIONALE PER
VAVOLA**
UNI-DIRECTIONAL
FOR VALVE



ART. 55910
ART. 55915

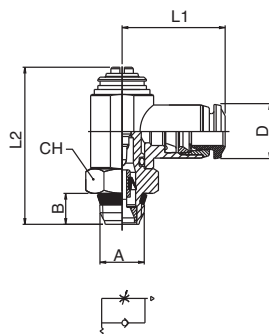
BIDIREZIONALE
BI-DIRECTIONAL



ART. 55920
ART. 55925

55900

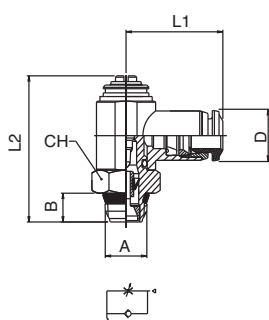
REGOLATORE UNIDIREZIONALE ORIENTABILE PER CILINDRO SHORT REGOLAZIONE A CACCIAVITE
ORIENTING FLOW REGULATOR FOR CYLINDER (SHORT) SCREWDRIVER REGULATION



Tubo Tube		A	B	L1	L2	CH	D	Conf. Pack.
4	-	M5	5.5	19.5	29.5	8	10	25
4	-	1/8	5.5	21.5	31	14	10	25
5	-	M5	5.5	20.5	29.5	8	12.5	25
5	-	1/8	5.5	22.5	31	14	12.5	25
5	-	1/4	7	25	36.5	17	12.5	25
6	-	M5	5.5	21	29.5	8	12.5	25
6	-	1/8	5.5	23	31	14	12.5	25
6	-	1/4	7	25.5	36.5	17	12.5	25
8	-	1/8	5.5	23.5	31	14	14	25
8	-	1/4	7	26	36.5	17	14	25
8	-	3/8	8.5	27.5	42.5	20	14	25
10	-	3/8	8.5	30.5	42.5	20	17	25
12	-	3/8	8.5	32.5	42.5	20	21.5	25
12	-	1/2	10	35	47	24	21.5	25

55910

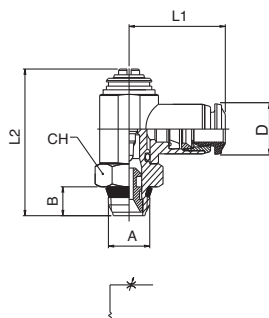
REGOLATORE UNIDIREZIONALE ORIENTABILE PER VALVOLA SHORT REGOLAZIONE A CACCIAVITE
ORIENTING FLOW REGULATOR FOR VALVE (SHORT) SCREWDRIVER REGULATION



Tubo Tube		A	B	L1	L2	CH	D	Conf. Pack.
4	-	M5	5.5	19.5	29.5	8	10	25
4	-	1/8	5.5	21.5	31	14	10	25
5	-	M5	5.5	20.5	29.5	8	12.5	25
5	-	1/8	5.5	22.5	31	14	12.5	25
5	-	1/4	7	25	36.5	17	12.5	25
6	-	M5	5.5	21	29.5	8	12.5	25
6	-	1/8	5.5	23	31	14	12.5	25
6	-	1/4	7	25.5	36.5	17	12.5	25
8	-	1/8	5.5	23.5	31	14	14	25
8	-	1/4	7	26	36.5	17	14	25
8	-	3/8	8.5	27.5	42.5	20	14	25
10	-	3/8	8.5	30.5	42.5	20	17	25
12	-	3/8	8.5	32.5	42.5	20	21.5	25
12	-	1/2	10	35	47	24	21.5	25

55920

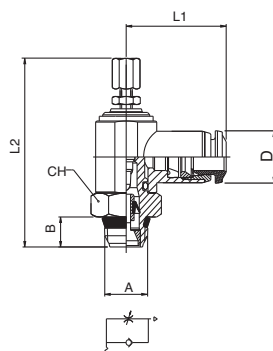
REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE A CACCIAVITE
ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) SCREWDRIVER REGULATION



Tubo Tube		A	B	L1	L2	CH	D	Conf. Pack.
4	-	M5	5.5	19.5	29.5	8	10	25
4	-	1/8	5.5	21.5	31	14	10	25
5	-	M5	5.5	20.5	29.5	8	12.5	25
5	-	1/8	5.5	22.5	31	14	12.5	25
5	-	1/4	7	25	36.5	17	12.5	25
6	-	M5	5.5	21	29.5	8	12.5	25
6	-	1/8	5.5	23	31	14	12.5	25
6	-	1/4	7	25.5	36.5	17	12.5	25
8	-	1/8	5.5	23.5	31	14	14	25
8	-	1/4	7	26	36.5	17	14	25
8	-	3/8	8.5	27.5	42.5	20	14	25
10	-	3/8	8.5	30.5	42.5	20	17	25
12	-	3/8	8.5	32.5	42.5	20	21.5	25
12	-	1/2	10	35	47	24	21.5	25

55905

REGOLATORE UNIDIREZIONALE ORIENTABILE PER CILINDRO SHORT REGOLAZIONE MANUALE
ORIENTING FLOW REGULATOR FOR CILINDER (SHORT) MANUAL REGULATION

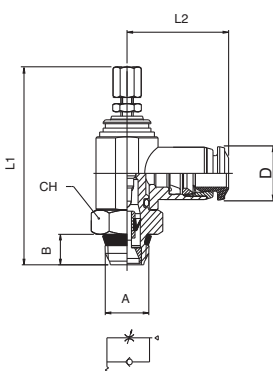


Tubo Tube		A	B	L1	L2min	L2max	CH	D	Conf. Pack.
4	-	M5	5.5	19.5	38.5	42.5	8	10	10
4	-	1/8	5.5	21.5	44	49	14	10	10
5	-	M5	5.5	20.5	38.5	42.5	8	12.5	10
5	-	1/8	5.5	22.5	44	49	14	12.5	10
5	-	1/4	7	25	48.5	55	17	12.5	10
6	-	M5	5.5	21	38.5	42.5	8	12.5	10
6	-	1/8	5.5	23	44	49	14	12.5	10
6	-	1/4	7	25.5	48.5	55	17	12.5	10
8	-	1/8	5.5	23.5	44	49	14	14	10
8	-	1/4	7	26	48.5	55	17	14	10
8	-	3/8	8.5	27.5	56	65	20	14	10
10	-	3/8	8.5	30.5	56	65	20	17	10
12	-	3/8	8.5	32.5	56	65	20	21.5	10
12	-	1/2	10	35	62	69	24	21.5	10



55915

REGOLATORE UNIDIREZIONALE ORIENTABILE PER VALVOLA SHORT REGOLAZIONE MANUALE
ORIENTING FLOW REGULATOR FOR VALVE (SHORT) MANUAL REGULATION

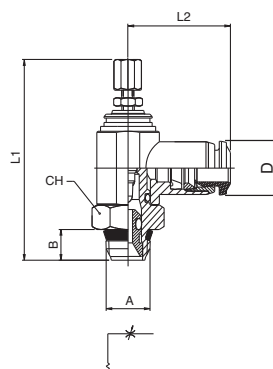


Tubo Tube		A	B	L1	L2min	L2max	CH	D	Conf. Pack.
4	-	M5	5.5	19.5	38.5	42.5	8	10	10
4	-	1/8	5.5	21.5	44	49	14	10	10
5	-	M5	5.5	20.5	38.5	42.5	8	12.5	10
5	-	1/8	5.5	22.5	44	49	14	12.5	10
5	-	1/4	7	25	48.5	55	17	12.5	10
6	-	M5	5.5	21	38.5	42.5	8	12.5	10
6	-	1/8	5.5	23	44	49	14	12.5	10
6	-	1/4	7	25.5	48.5	55	17	12.5	10
8	-	1/8	5.5	23.5	44	49	14	14	10
8	-	1/4	7	26	48.5	55	17	14	10
8	-	3/8	8.5	27.5	56	65	20	14	10
10	-	3/8	8.5	30.5	56	65	20	17	10
12	-	3/8	8.5	32.5	56	65	20	21.5	10
12	-	1/2	10	35	62	69	24	21.5	10



55925

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE MANUALE
ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) MANUAL REGULATION



Tubo Tube		A	B	L1	L2min	L2max	CH	D	Conf. Pack.
4	-	M5	5.5	19.5	38.5	42.5	8	10	10
4	-	1/8	5.5	21.5	44	49	14	10	10
5	-	M5	5.5	20.5	38.5	42.5	8	12.5	10
5	-	1/8	5.5	22.5	44	49	14	12.5	10
5	-	1/4	7	25	48.5	55	17	12.5	10
6	-	M5	5.5	21	38.5	42.5	8	12.5	10
6	-	1/8	5.5	23	44	49	14	12.5	10
6	-	1/4	7	25.5	48.5	55	17	12.5	10
8	-	1/8	5.5	23.5	44	49	14	14	10
8	-	1/4	7	26	48.5	55	17	14	10
8	-	3/8	8.5	27.5	56	65	20	14	10
10	-	3/8	8.5	30.5	56	65	20	17	10
12	-	3/8	8.5	32.5	56	65	20	21.5	10
12	-	1/2	10	35	62	69	24	21.5	10

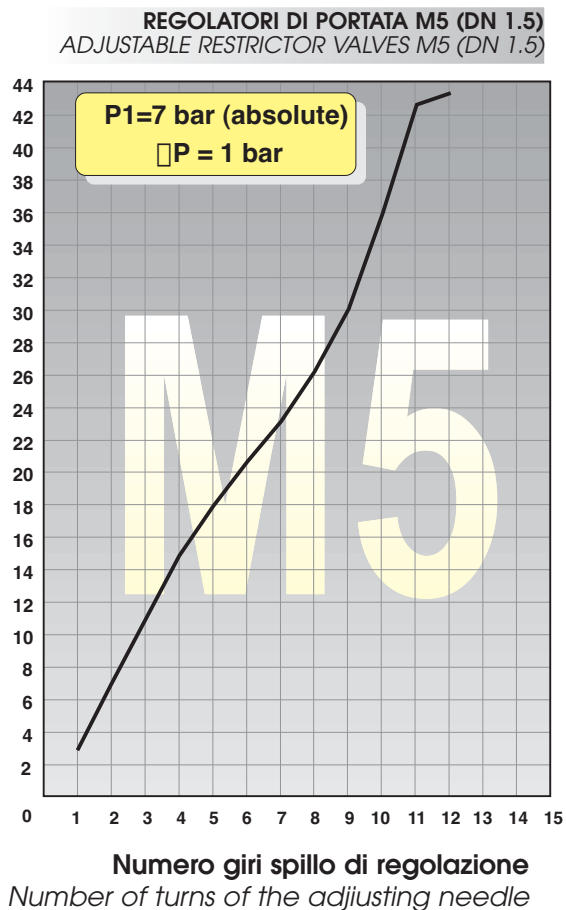


**CARATTERISTICHE DI FLUSSO
REGOLATORI DI PORTATA
UNIDIREZIONALI E BIDIREZIONALI**
*FLOW CHARACTERISTICS
ADJUSTABLE RESTRICTOR VALVES
UNI-DIRECTIONALS AND
BI-DIRECTIONALS*

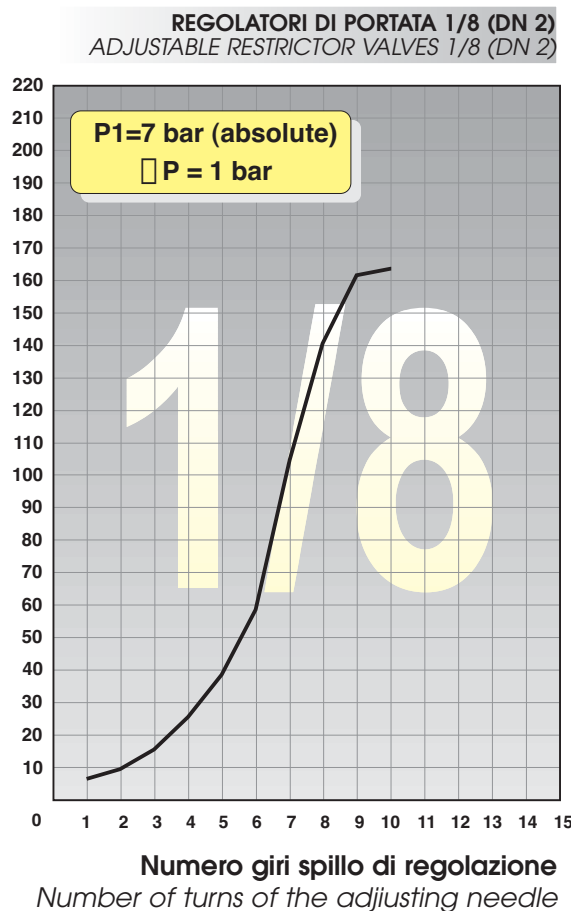
Riportiamo in questa pagina le caratteristiche di flusso dei regolatori per una corretta scelta della misura che più si adatta ad ogni specifico impiego.

In this page you can find the flow characteristics of the regulators, which will help you to choose the most suitable size to satisfy every specific use.

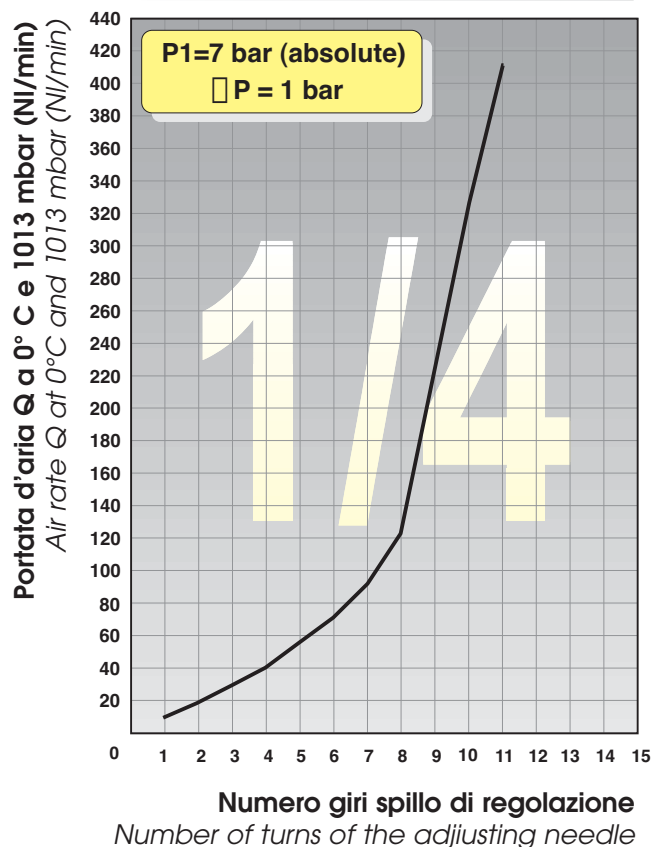
Portata d'aria Q a 0° C e 1013 mbar (NI/min)
Air rate Q at 0°C and 1013 mbar (NI/min)



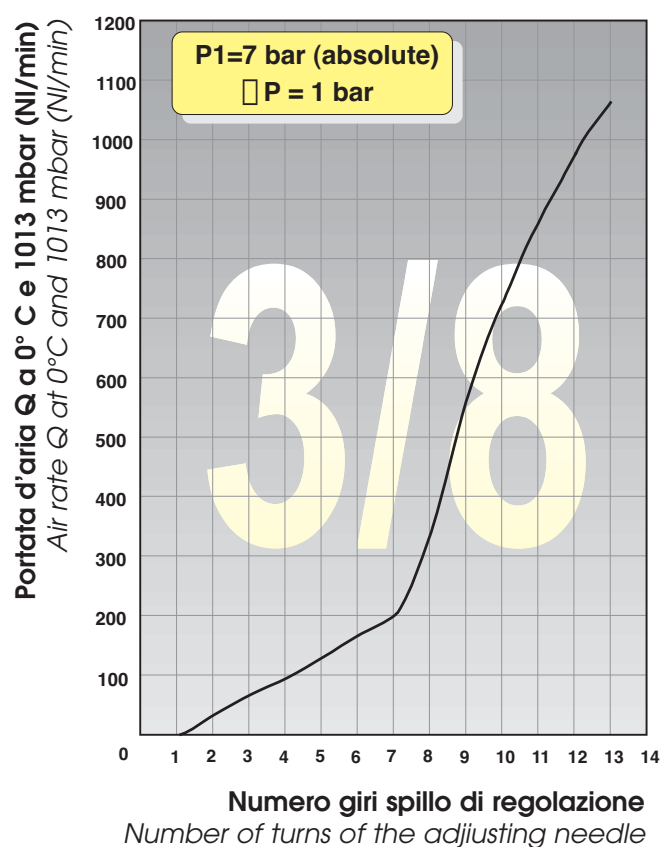
Portata d'aria Q a 0° C e 1013 mbar (NI/min)
Air rate Q at 0°C and 1013 mbar (NI/min)



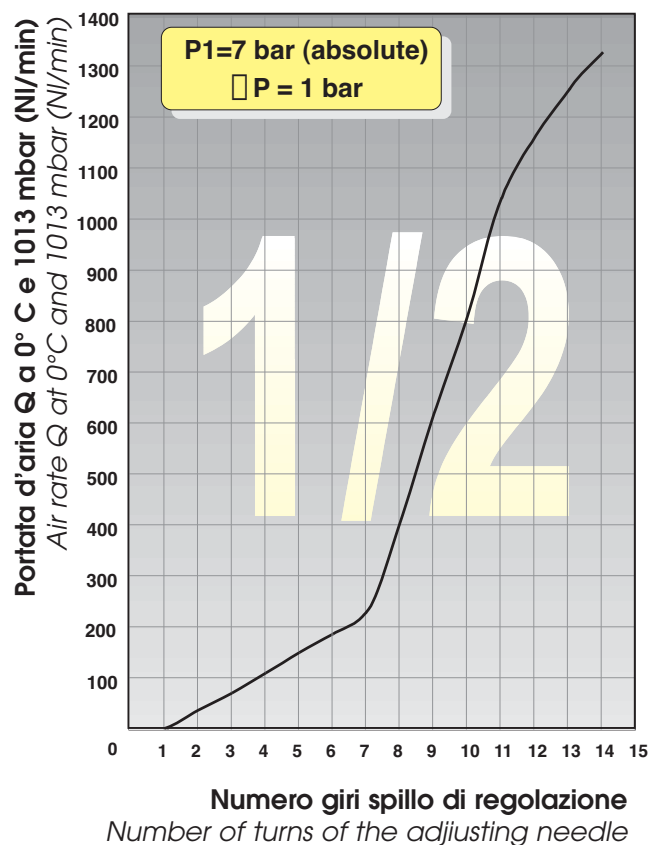
REGOLATORI DI PORTATA 1/4 (DN 3.5)
ADJUSTABLE RESTRICTOR VALVES 1/4 (DN 3.5)



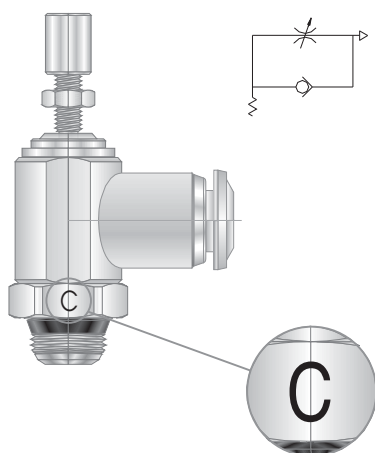
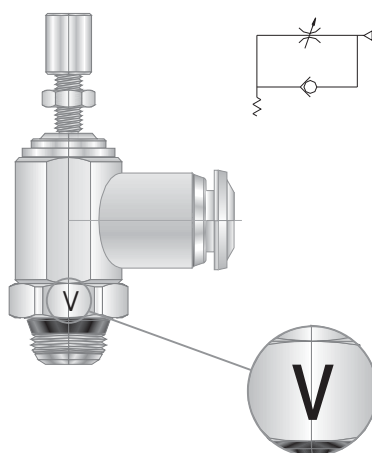
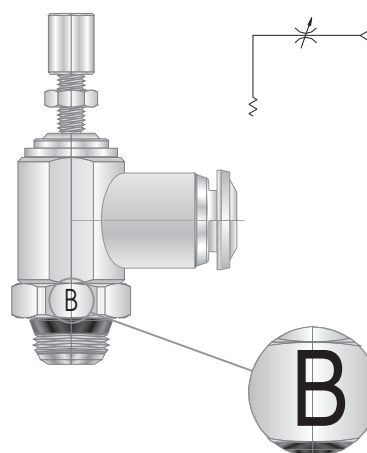
REGOLATORI DI PORTATA 3/8 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 3/8 (DN 6)



REGOLATORI DI PORTATA 1/2 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 1/2 (DN 6)



Regolatori di Portata Serie 57000 | Adjustable Restrictor Values 57000 Series
Caratteristiche Tecniche | Technical Characteristics
NEW

Pressioni | Pressures
Pressione minima / Minimum pressure: 1 bar (0.1 MPa)
Pressione massima / Maximum pressure: 10 bar (1 MPa)
Temperature | Temperatures
Temperatura minima / Minimum temperature: -20 °C
Temperatura massima / Maximum temperature: +80 °C
Filettature | Threads
Filettatura (SHORT).
(SHORT) Threads.
Fluidi compatibili | Fluids
Aria compressa / Compressed air.
Tubi di collegamento | Connection Tubes
Tubi in materiale plastico:
PA6, PA11, PA12, Polietilene, *Poliuretano; ecc.
***Per tubi in Poliuretano é consigliata una durezza di 98 shore.**
Plastic tubes:
PA6, PA11, PA12, Polyethylene, *Polyurethane, ecc.
***For Polyurethane hoses it is required a minimum hardness of 98 shore.**
**UNIDIREZIONALE PER
CILINDRO
UNI-DIRECTIONAL
FOR CYLINDER**
**UNIDIREZIONALE PER
VAVOLA
UNI-DIRECTIONAL
FOR VALVE**
**BIDIREZIONALE
BI-DIRECTIONAL**

**ART. 57901
ART. 57905**

**ART. 57910
ART. 57915**

**ART. 57920
ART. 57925**

COME ORDINARE

I regolatori standard di questa serie prevedono:

- Trattamento superficiale di NICHELATURA
- Spintore sgancio tubo ROSSO per art. serie 50000.
- Spintore sgancio tubo NERO per art. serie 55000.

Gli articoli standard possono essere ordinati specificando solo ARTICOLO, MISURA, QUANTITA'.

HOW TO ORDER

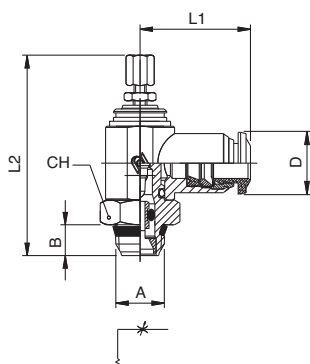
The standard items of this series are supplied with:

- Surface treatment of NICKEL-PLATING
- RED Collet for 50000 series
- BLACK Collet for 55000 series

To order the standard items simply specify the ARTICLE CODE, SIZE and QUANTITY.

57925

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE MANUALE ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) MANUAL REGULATION

NEW


Tubo Tube		A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	-	M5	4	19	38.5	42.5	8	10	10
4	-	M5	4	19	38.5	42.5	8	10	10
4	-	1/8	5.5	21	44	49	14	10	10
5	-	M5	4	20	38.5	42.5	8	12.5	10
5	-	1/8	5.5	21.5	44	49	14	12.5	10
5	-	1/4	7	24.5	48.5	55	17	12.5	10
6	-	M5	4	20.5	38.5	42.5	8	12.5	10
6	-	1/8	5.5	22.5	44	49	14	12.5	10
6	-	1/4	7	25	48.5	55	17	12.5	10
8	-	1/8	5.5	24	44	49	14	14	10
8	-	1/4	7	26	48.5	55	17	14	10
8	-	3/8	7.5	28.5	56	65	20	14	10
10	-	1/4	7	28.5	48.5	55	17	17	10
10	-	3/8	7.5	30.5	56	65	20	17	10
12	-	3/8	7.5	32.5	56	65	20	21.5	10
12	-	1/2	9	35	62	69	24	21.5	10
14	-	1/2	9	35.5	62	69	24	21.5	10



5 7 9 2 5

14 - 1/2

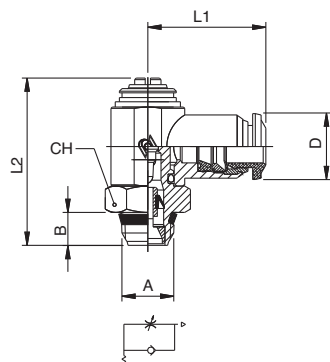
CODICE ARTICOLO
ARTICLE CODE

MISURA
SIZE

57901

REGOLATORE UNIDIREZIONALE ORIENTABILE PER CILINDRO SHORT REGOLAZIONE A CACCIAVITE
ORIENTING FLOW REGULATOR FOR CILINDER (SHORT) SCREWDRIVER REGULATION

NEW



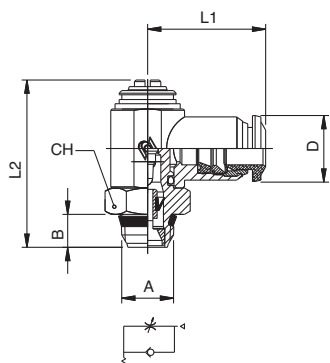
Tubo Tube	A	B	L1	L2	CH	D	Conf. Pack.
3	- M5	4	19	29.5	8	10	25
4	- M5	4	19	29.5	8	10	25
4	- 1/8	5.5	21	31	14	10	25
5	- M5	4	20	29.5	8	12.5	25
5	- 1/8	5.5	21.5	31	14	12.5	25
5	- 1/4	7	24.5	36.5	17	12.5	25
6	- M5	4	20.5	29.5	8	12.5	25
6	- 1/8	5.5	22.5	31	14	12.5	25
6	- 1/4	7	25	36.5	17	12.5	25
8	- 1/8	5.5	24	31	14	14	25
8	- 1/4	7	26	36.5	17	14	25
8	- 3/8	7.5	28.5	42.5	20	14	25
10	- 1/4	7	28.5	36.5	17	17	25
10	- 3/8	7.5	30.5	42.5	20	17	25
12	- 3/8	7.5	32.5	42.5	20	21.5	25
12	- 1/2	9	35	47	24	21.5	25
14	- 1/2	9	35.5	47	24	21.5	25



57910

REGOLATORE UNIDIREZIONALE ORIENTABILE PER VALVOLA SHORT REGOLAZIONE A CACCIAVITE
ORIENTING FLOW REGULATOR FOR VALVE (SHORT) SCREWDRIVER REGULATION

NEW



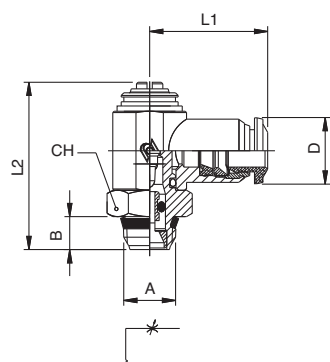
Tubo Tube	A	B	L1	L2	CH	D	Conf. Pack.
3	- M5	4	19	29.5	8	10	25
4	- M5	4	19	29.5	8	10	25
4	- 1/8	5.5	21	31	14	10	25
5	- M5	4	20	29.5	8	12.5	25
5	- 1/8	5.5	21.5	31	14	12.5	25
5	- 1/4	7	24.5	36.5	17	12.5	25
6	- M5	4	20.5	29.5	8	12.5	25
6	- 1/8	5.5	22.5	31	14	12.5	25
6	- 1/4	7	25	36.5	17	12.5	25
8	- 1/8	5.5	24	31	14	14	25
8	- 1/4	7	26	36.5	17	14	25
8	- 3/8	7.5	28.5	42.5	20	14	25
10	- 1/4	7	28.5	36.5	17	17	25
10	- 3/8	7.5	30.5	42.5	20	17	25
12	- 3/8	7.5	32.5	42.5	20	21.5	25
12	- 1/2	9	35	47	24	21.5	25
14	- 1/2	9	35.5	47	24	21.5	25



57920

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE A CACCIAVITE
ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) SCREWDRIVER REGULATION

NEW

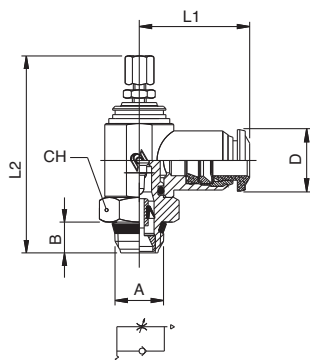


Tubo Tube	A	B	L1	L2	CH	D	Conf. Pack.
3	- M5	4	19	29.5	8	10	25
4	- M5	4	19	29.5	8	10	25
4	- 1/8	5.5	21	31	14	10	25
5	- M5	4	20	29.5	8	12.5	25
5	- 1/8	5.5	21.5	31	14	12.5	25
5	- 1/4	7	24.5	36.5	17	12.5	25
6	- M5	4	20.5	29.5	8	12.5	25
6	- 1/8	5.5	22.5	31	14	12.5	25
6	- 1/4	7	25	36.5	17	12.5	25
8	- 1/8	5.5	24	31	14	14	25
8	- 1/4	7	26	36.5	17	14	25
8	- 3/8	7.5	28.5	42.5	20	14	25
10	- 1/4	7	28.5	36.5	17	17	25
10	- 3/8	7.5	30.5	42.5	20	17	25
12	- 3/8	7.5	32.5	42.5	20	21.5	25
12	- 1/2	9	35	47	24	21.5	25
14	- 1/2	9	35.5	47	24	21.5	25



57905

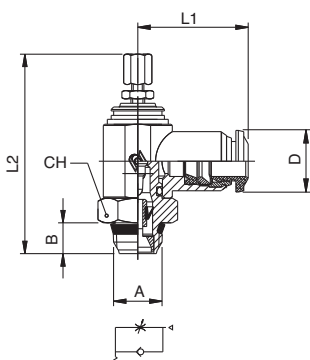
REGOLATORE UNIDIREZIONALE ORIENTABILE PER CILINDRO SHORT REGOLAZIONE MANUALE
ORIENTING FLOW REGULATOR FOR CILINDER (SHORT) MANUAL REGULATION

NEW


Tubo Tube	A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	- M5	4	19	38.5	42.5	8	10	10
4	- M5	4	19	38.5	42.5	8	10	10
4	- 1/8	5.5	21	44	49	14	10	10
5	- M5	4	20	38.5	42.5	8	12.5	10
5	- 1/8	5.5	21.5	44	49	14	12.5	10
5	- 1/4	7	24.5	48.5	55	17	12.5	10
6	- M5	4	20.5	38.5	42.5	8	12.5	10
6	- 1/8	5.5	22.5	44	49	14	12.5	10
6	- 1/4	7	25	48.5	55	17	12.5	10
8	- 1/8	5.5	24	44	49	14	14	10
8	- 1/4	7	26	48.5	55	17	14	10
8	- 3/8	7.5	28.5	56	65	20	14	10
10	- 1/4	7	28.5	48.5	55	17	17	10
10	- 3/8	7.5	30.5	56	65	20	17	10
12	- 3/8	7.5	32.5	56	65	20	21.5	10
12	- 1/2	9	35	62	69	24	21.5	10
14	- 1/2	9	35.5	62	69	24	21.5	10

57915

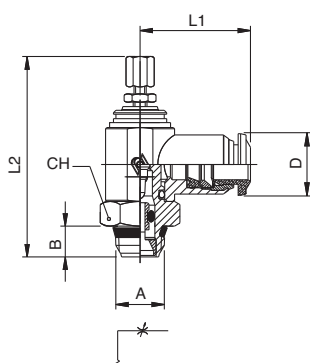
REGOLATORE UNIDIREZIONALE ORIENTABILE PER VALVOLA SHORT REGOLAZIONE MANUALE
ORIENTING FLOW REGULATOR FOR VALVE (SHORT) MANUAL REGULATION

NEW


Tubo Tube	A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	- M5	4	19	38.5	42.5	8	10	10
4	- M5	4	19	38.5	42.5	8	10	10
4	- 1/8	5.5	21	44	49	14	10	10
5	- M5	4	20	38.5	42.5	8	12.5	10
5	- 1/8	5.5	21.5	44	49	14	12.5	10
5	- 1/4	7	24.5	48.5	55	17	12.5	10
6	- M5	4	20.5	38.5	42.5	8	12.5	10
6	- 1/8	5.5	22.5	44	49	14	12.5	10
6	- 1/4	7	25	48.5	55	17	12.5	10
8	- 1/8	5.5	24	44	49	14	14	10
8	- 1/4	7	26	48.5	55	17	14	10
8	- 3/8	7.5	28.5	56	65	20	14	10
10	- 1/4	7	28.5	48.5	55	17	17	10
10	- 3/8	7.5	30.5	56	65	20	17	10
12	- 3/8	7.5	32.5	56	65	20	21.5	10
12	- 1/2	9	35	62	69	24	21.5	10
14	- 1/2	9	35.5	62	69	24	21.5	10

57925

REGOLATORE BIDIREZIONALE ORIENTABILE SHORT REGOLAZIONE MANUALE
ORIENTING BI-DIRECTIONAL FLOW REGULATOR (SHORT) MANUAL REGULATION

NEW


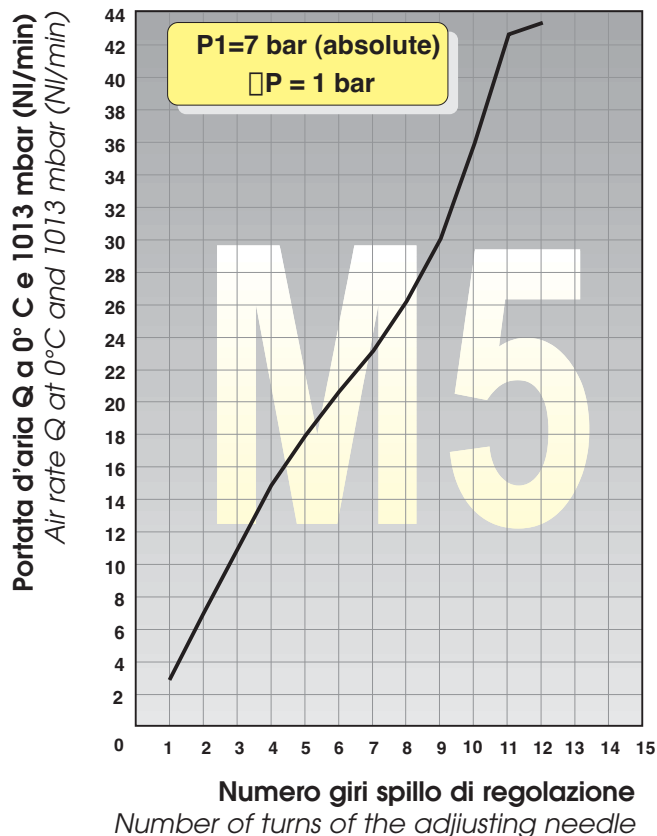
Tubo Tube	A	B	L1	L2min	L2max	CH	D	Conf. Pack.
3	- M5	4	19	38.5	42.5	8	10	10
4	- M5	4	19	38.5	42.5	8	10	10
4	- 1/8	5.5	21	44	49	14	10	10
5	- M5	4	20	38.5	42.5	8	12.5	10
5	- 1/8	5.5	21.5	44	49	14	12.5	10
5	- 1/4	7	24.5	48.5	55	17	12.5	10
6	- M5	4	20.5	38.5	42.5	8	12.5	10
6	- 1/8	5.5	22.5	44	49	14	12.5	10
6	- 1/4	7	25	48.5	55	17	12.5	10
8	- 1/8	5.5	24	44	49	14	14	10
8	- 1/4	7	26	48.5	55	17	14	10
8	- 3/8	7.5	28.5	56	65	20	14	10
10	- 1/4	7	28.5	48.5	55	17	17	10
10	- 3/8	7.5	30.5	56	65	20	17	10
12	- 3/8	7.5	32.5	56	65	20	21.5	10
12	- 1/2	9	35	62	69	24	21.5	10
14	- 1/2	9	35.5	62	69	24	21.5	10

**CARATTERISTICHE DI FLUSSO
REGOLATORI DI PORTATA
UNIDIREZIONALI E BIDIREZIONALI**
*FLOW CHARACTERISTICS
ADJUSTABLE RESTRICTOR VALVES
UNI-DIRECTIONALS AND
BI-DIRECTIONALS*

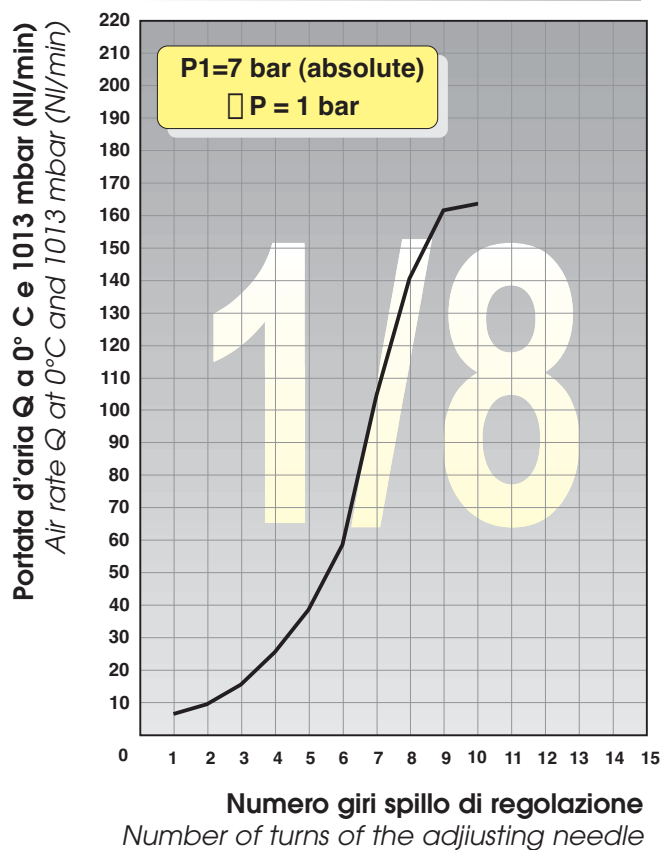
Riportiamo in questa pagina le caratteristiche di flusso dei regolatori per una corretta scelta della misura che più si adatta ad ogni specifico impiego.

In this page you can find the flow characteristics of the regulators, which will help you to chose the most suitable size to satisfy every specific use.

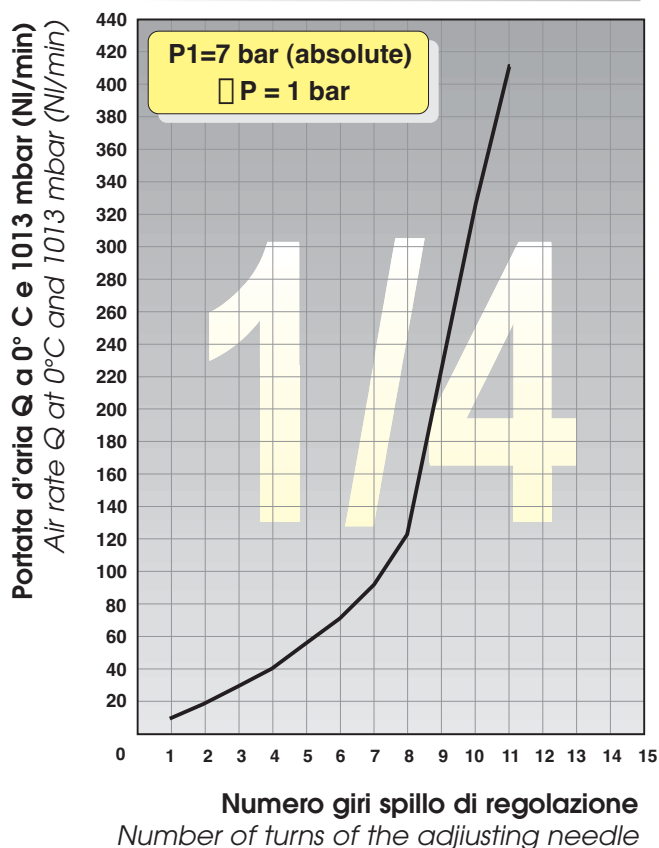
REGOLATORI DI PORTATA M5 (DN 1.5)
ADJUSTABLE RESTRICTOR VALVES M5 (DN 1.5)



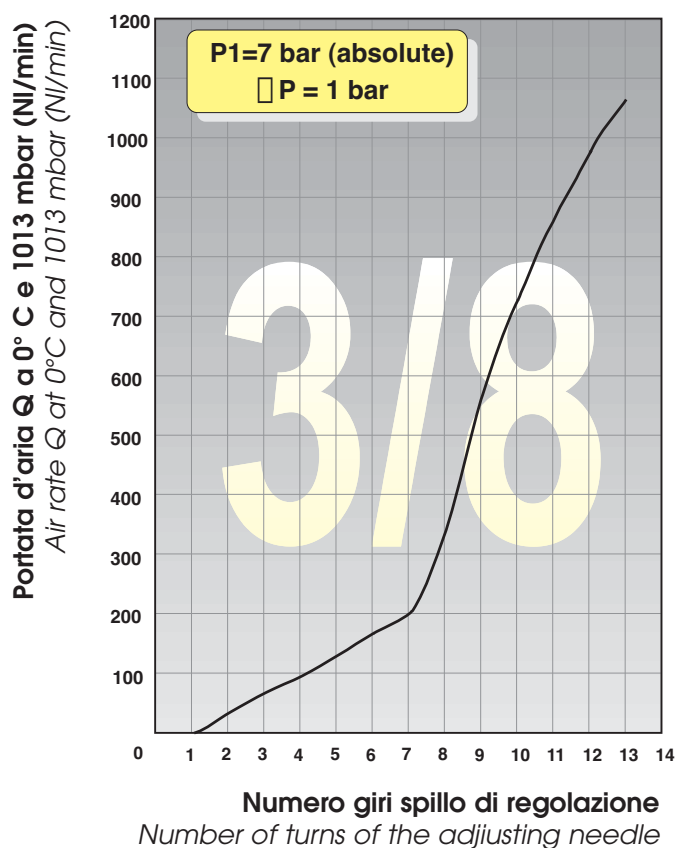
REGOLATORI DI PORTATA 1/8 (DN 2)
ADJUSTABLE RESTRICTOR VALVES 1/8 (DN 2)



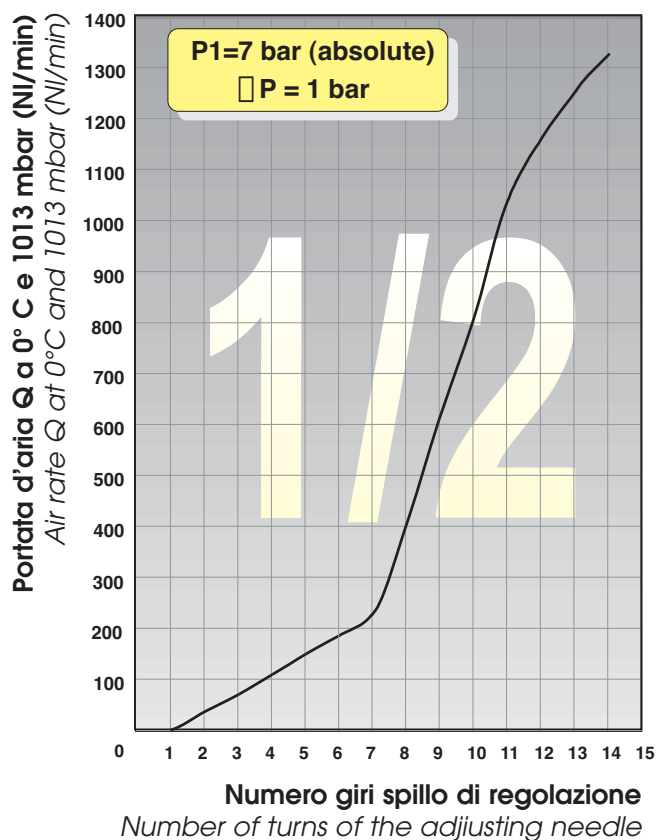
REGOLATORI DI PORTATA 1/4 (DN 3.5)
ADJUSTABLE RESTRICTOR VALVES 1/4 (DN 3.5)



REGOLATORI DI PORTATA 3/8 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 3/8 (DN 6)



REGOLATORI DI PORTATA 1/2 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 1/2 (DN 6)



Regolatori di portata Serie 8900 / Adjustable Restrictor valves 8900 Series

Caratteristiche Tecniche / Technical Characteristics



Pressioni / Pressures

Pressione minima / Minimum pressure: **1 bar (0.1 MPa)**

Pressione massima / Maximum pressure: **10 bar (1 MPa)**

Temperature / Temperatures

Temperatura minima / Minimum temperature: **-20 °C**

Temperatura massima / Maximum temperature: **+80 °C**

Filettature / Threads

Gas Cilindrica conforme ISO 228 classe A.

Parallel gas in conformity with ISO 228 class A.

Fluidi compatibili / Fluids

Aria filtrata / Filtered air.

Tubi di collegamento / Connection Tubes

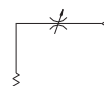
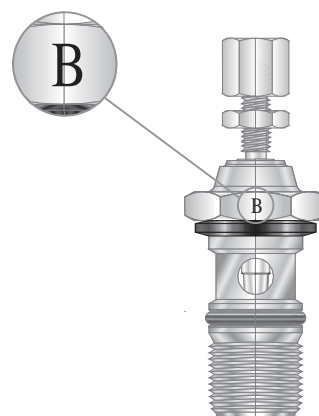
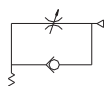
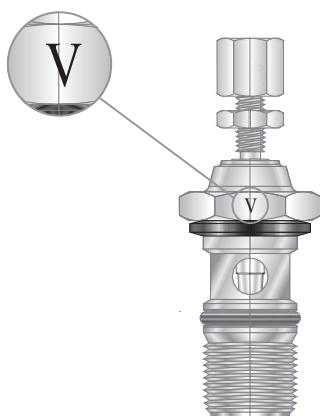
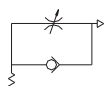
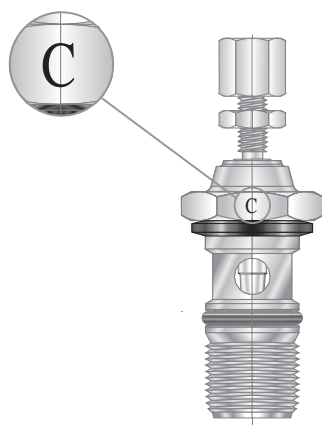
Tubi compatibili con il tipo di raccordo montato sul regolatore.

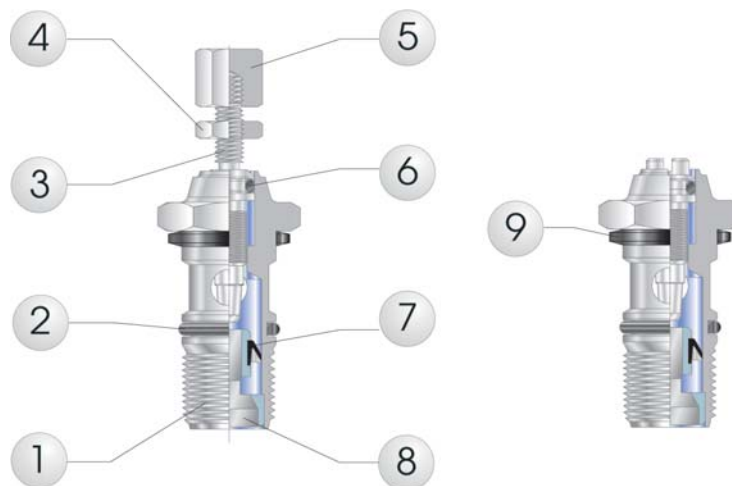
All the tubes compatible with the fitting's features assembled on the regulator.

**UNIDIREZIONALE PER
CILINDRO**
UNI-DIRECTIONAL
FOR CYLINDER

**UNIDIREZIONALE PER
VAVOLA**
UNI-DIRECTIONAL
FOR VALVE

BIDIREZIONALE
BI-DIRECTIONAL





Scheda Materiali | Specifications

- 1 Corpo in Ottone nichelato
- 2 Guarnizione O-Ring in NBR 70
- 3 Spillo di Regolazione in Ottone nichelato
- 4 Ghiera di bloccaggio in Ottone nichelato
- 5 Pomolo di comando in ottone Nichelato
- 6 Guarnizione O-Ring in NBR 70
- 7 Guarnizione a labbro in NBR 70
- 8 Supporto guarnizione in ottone Nichelato
- 9 Rondella PA66 Art.1610

- 1 Nickel-plated Brass Body
- 2 NBR 70 O-RING Seals
- 3 Nickel-plated Brass Adjusting needle
- 4 Nickel-plated Brass Locking nut
- 5 Nickel-plated Brass Adjusting knob
- 6 NBR 70 O-RING Seals
- 7 NBR 70 Lip seal
- 8 Nickel-plated Brass Seal support
- 9 PA66 Washer Art.1610

COME ORDINARE

I regolatori standard di questa serie prevedono:

- Trattamento superficiale di NICHELATURA

Gli articoli standard possono essere ordinati specificando solo ARTICOLO, MISURA, QUANTITA'.

HOW TO ORDER

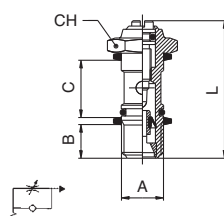
The standard items of this series are supplied with:

- Surface treatment of NICKEL-PLATING

To order the standard items simply specify the ARTICLE CODE, SIZE and QUANTITY.

8900

REGOLATORE DI FLUSSO UNIDIREZIONALE PER CILINDRO REGOLAZIONE A CACCIAVITE - FLOW REGULATOR FOR CILINDER SCREWDRIVER REGULATION



A	B	C	L	CH	Conf. Pack.
M5	4	12.5	24	8	10
1/8	5.5	15	30.5	14	10
1/4	8.5	17	35.5	17	10
3/8	9	20	41	20	10
1/2	10	24	47	24	10

8 9 0 0

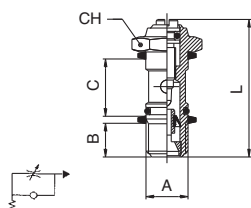
1/4

CODICE ARTICOLO
ARTICLE CODE

MISURA
SIZE

8900

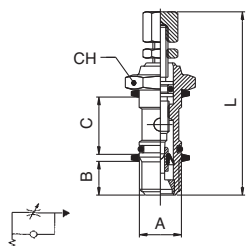
REGOLATORE DI FLUSSO UNIDIREZIONALE PER CILINDRO REGOLAZIONE A CACCIAVITE - FLOW REGULATOR FOR CYLINDER. SCREWDRIVER REGULATION



A	B	C	L	CH	Conf. Pack.
M5	4	12.5	24	8	10
1/8	5.5	15	30.5	14	10
1/4	8.5	17	35.5	17	10
3/8	9	20	41	20	10
1/2	10	24	47	24	10

8905

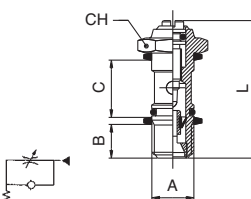
REGOLATORE DI FLUSSO UNIDIREZIONALE PER CILINDRO REGOLAZIONE MANUALE - FLOW REGULATOR FOR CYLINDER. MANUAL REGULATION



A	B	C	Lmin	Lmax	CH	Conf. Pack.
M5	4	12.5	33	37.5	8	10
1/8	5.5	15	41	46.5	14	10
1/4	8.5	17	46.5	52.5	17	10
3/8	9	20	56.5	63.5	20	10
1/2	10	24	62	69.5	24	10

8910

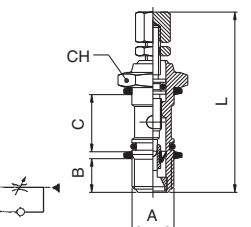
REGOLATORE DI FLUSSO UNIDIREZIONALE PER VALVOLA REGOLAZIONE A CACCIAVITE - FLOW REGULATOR FOR VALVE. SCREWDRIVER REGULATION



A	B	C	L	CH	Conf. Pack.
M5	4	12.5	24	8	10
1/8	5.5	15	30.5	14	10
1/4	8.5	17	35.5	17	10
3/8	9	20	41	20	10
1/2	10	24	47	24	10

8915

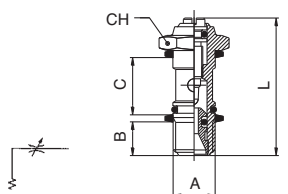
REGOLATORE DI FLUSSO UNIDIREZIONALE PER VALVOLA REGOLAZIONE MANUALE - FLOW REGULATOR FOR VALVE MANUAL REGULATION



A	B	C	Lmin	Lmax	CH	Conf. Pack.
M5	4	12.5	33	37.5	8	10
1/8	5.5	15	41	46.5	14	10
1/4	8.5	17	46.5	52.5	17	10
3/8	9	20	56.5	63.5	20	10
1/2	10	24	62	69.5	24	10

8920

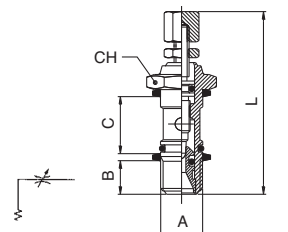
REGOLATORE DI FLUSSO BIDIREZIONALE REGOLAZIONE A CACCIAVITE - BI-DIRECTIONAL FLOW REGULATOR SCREWDRIVER REGULATION



A	B	C	L	CH	Conf. Pack.
M5	4	12.5	24	8	10
1/8	5.5	15	30.5	14	10
1/4	8.5	17	35.5	17	10
3/8	9	20	41	20	10
1/2	10	24	47	24	10

8925

REGOLATORE DI FLUSSO BIDIREZIONALE REGOLAZIONE MANUALE - BI-DIRECTIONAL FLOW REGULATOR MANUAL REGULATION



A	B	C	Lmin	Lmax	CH	Conf. Pack.
M5	4	12.5	33	37.5	8	10
1/8	5.5	15	41	46.5	14	10
1/4	8.5	17	46.5	52.5	17	10
3/8	9	20	56.5	63.5	20	10
1/2	10	24	62	69.5	24	10

Regolatori di portata da M5 / Adjustable Restrictor valves M5 Size

Nelle tabelle che seguono riportiamo le misure di raccordi orientabili Serie 1000 e Serie 50000 che possono essere montati con i regolatori da M5. Le misure dell'art. 1500 sono state estrapolate dalla tabella dell'articolo stesso. L'art. 50505 sono invece raccordi prodotti appositamente per questa serie di regolatori di flusso da M5.

Within the following tables we specify the sizes of the single banjo bodies from 1000 and 50000 series which can be assembled with regulators M5. The sizes of the art. 1500 have been taken from the standard single banjo bodies table. Art. 50505 are special single banjo bodies produced suitably for the of flow regulators M5 range.



I Regolatori di portata da M5 devono essere accoppiati con i raccordi orientabili da M6.

The Flow Regulators size M5 must be assembled with orienting fittings size M6.



Durante l'inserimento del regolatore nell'occhiello prestare attenzione a non rivoltare il labbro della guarnizione.

While you are assembling the flow regulator into the banjo body, please be careful to avoid to turn the lip of the seal.

ART. 1610 - M5



Art. 1610 - M5

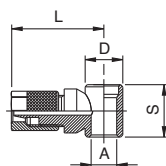
Art. 1610 - M5



Serie 1000 / 1000 Series

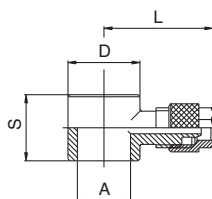
1500

ANELLO ORIENTABILE A L (PER REGOLATORI DI PORTATA M5) - SINGLE BANJO BODY (ADJUSTABLE RESTRICTOR VALVES M5)



1500

ANELLO ORIENTABILE A L - SINGLE BANJO BODY



Serie 50000 - 57000 / 50000 - 57000 Series

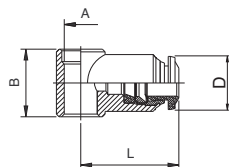
Tubo/Tube	A	D	S	L	Conf. Pack.
4/2.7 - M6	6.1	9	12.5	21.5	10
6/4 - M6	6.1	9	12.5	21.5	10

Questo articolo è prodotto appositamente per Regolatori di Portata da M5.
This article has been produced suitably for the Adjustable Restrictor valves M5.

Tubo/Tube	A	D	S	L	Conf. Pack.
4/2.7 - 1/8	10	14	15	23.3	50
5/3 - 1/8	10	14	15	23.3	50
6/4 - 1/8	10	14	15	23.3	50
6/4 - 1/4	13.3	18	17	25.3	50
6/4 - 3/8	16.7	21	20	26.8	25
8/6 - 1/8	10	14	15	24.7	50
8/6 - 1/4	13.3	18	17	27.6	25
8/6 - 3/8	16.7	21	20	27.7	25
8/6 - 1/2	21	26	24	31.2	25
10/8 - 1/8	10	14	15	27.5	25
10/8 - 1/4	13.3	18	17	29.5	25
10/8 - 3/8	16.7	21	20	30.5	25
10/8 - 1/2	21	26	24	34	25
12/10 - 3/8	16.7	21	20	31.5	25
12/10 - 1/2	21	26	24	35	25
15/12.5 - 1/2	21	26	24	36.5	25

50505

ANELLO ORIENTABILE A L (PER REGOLATORI DI PORTATA M5) - SINGLE BANJO BODY (ADJUSTABLE RESTRICTOR VALVES M5)



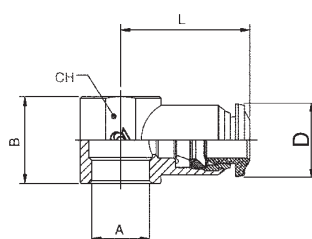
Tubo Tube	A	B	L	D	Conf. Pack.
3	- M6	12.5	19	10	10
4	- M6	12.5	19	10	10
5	- M6	12.5	20	12.5	10
6	- M6	12.5	20.5	12.5	10

Questo articolo è prodotto appositamente per Regolatori di Portata da M5.

This article has been produced suitably for the Adjustable Restrictor valves M5.

50500

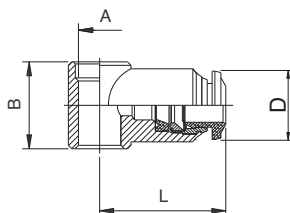
ANELLO ORIENTABILE A L - SINGLE BANJO BODY



Tubo Tube	A	B	L	CH	D	Conf. Pack.
4	- 1/8	15	21	14	10	25
5	- 1/8	15	21.5	14	12.5	25
5	- 1/4	17	24.5	18	12.5	25
6	- 1/8	15	22	14	12.5	25
6	- 1/4	17	25	18	12.5	25
8	- 1/8	15	24	14	14	25
8	- 1/4	17	26	18	14	25
8	- 3/8	20	28	21	14	25
10	- 1/4	17	29	18	17	25
10	- 3/8	20	30.5	21	17	25
12	- 3/8	20	32.5	21	21.5	25
12	- 1/2	24	35	25	21.5	25
14	- 1/2	24	35.5	25	21.5	10

57505

ANELLO ORIENTABILE A L (PER REGOLATORI DI PORTATA M5) - SINGLE BANJO BODY (ADJUSTABLE RESTRICTOR VALVES M5)



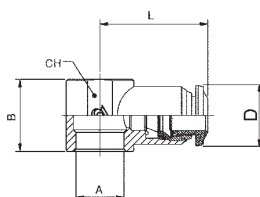
Tubo Tube	A	B	L	D	Conf. Pack.
4	- M6	12.5	19	10	10
5	- M6	12.5	20	12.5	10
6	- M6	12.5	20.5	12.5	10

Questo articolo è prodotto appositamente per Regolatori di Portata da M5.

This article has been produced suitably for the Adjustable Restrictor valves M5.

57500

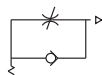
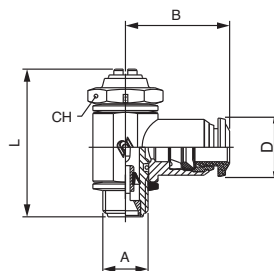
ANELLO ORIENTABILE A L - SINGLE BANJO BODY



Tubo Tube	A	B	L	CH	D	Conf. Pack.
4	- 1/8	15	21	14	10	25
5	- 1/8	15	21.5	14	12.5	25
5	- 1/4	17	24.5	18	12.5	25
6	- 1/8	15	22	14	12.5	25
6	- 1/4	17	25	18	12.5	25
8	- 1/8	15	24	14	14	25
8	- 1/4	17	26	18	14	25
8	- 3/8	20	28	21	14	25
10	- 1/4	17	29	18	17	25
10	- 3/8	20	30.5	21	17	25
12	- 3/8	20	32.5	21	21.5	25
12	- 1/2	24	35	25	21.5	25
14	- 1/2	24	35.5	25	21.5	10

8953

REGOLATORE UNIDIREZIONALE PER CILINDRO REGOLAZIONE A CACCIAVITE UNI-DIRECTIONAL FLOW REGULATOR FOR CYLINDER SCREWDRIVER REGULATION

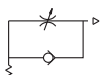
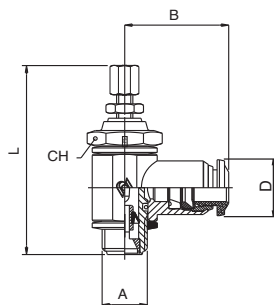


Tubo Tube	A	B	L	CH	D	Conf. Pack.
3	- M5	19	24	8	10	25
4	- M5	19	24	8	10	25
4	- 1/8	21	30.5	14	10	25
5	- M5	20	24	8	12.5	25
5	- 1/8	21.5	30.5	14	12.5	25
5	- 1/4	24.5	35.5	17	12.5	25
6	- M5	20.5	24	8	12.5	25
6	- 1/8	22.5	30.5	14	12.5	25
6	- 1/4	25	35.5	17	12.5	25
8	- 1/8	24	30.5	14	14	25
8	- 1/4	26	35.5	17	14	25
8	- 3/8	28	35.5	20	14	25
10	- 1/4	29	35.5	17	17	25
10	- 3/8	30.5	35.5	20	17	25
12	- 3/8	32.5	35.5	20	21.5	25
12	- 1/2	35	35.5	24	21.5	25
14	- 1/2	35.5	35.5	24	21.5	25



8958

REGOLATORE UNIDIREZIONALE PER CILINDRO REGOLAZIONE MANUALE UNI-DIRECTIONAL FLOW REGULATOR FOR CYLINDER MANUAL REGULATION

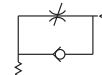
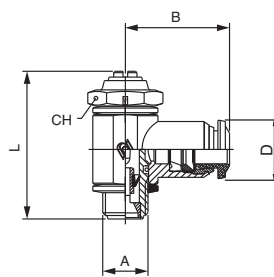


Tubo Tube	A	B	Lmin	Lmax	CH	D	Conf. Pack.
3	- M5	19	33	37.5	8	10	10
4	- M5	19	33	37.5	8	10	10
4	- 1/8	21	41	46.5	14	10	10
5	- M5	20	33	37.5	8	12.5	10
5	- 1/8	21.5	41	46.5	14	12.5	10
5	- 1/4	24.5	46.5	52.5	17	12.5	10
6	- M5	20.5	33	37.5	8	12.5	10
6	- 1/8	22.5	41	46.5	14	12.5	10
6	- 1/4	25	46.5	52.5	17	12.5	10
8	- 1/8	24	41	46.5	14	14	10
8	- 1/4	26	46.5	52.5	17	14	10
8	- 3/8	28	56.5	63.5	20	14	10
10	- 1/4	29	46.5	52.5	17	17	10
10	- 3/8	30.5	56.5	63.5	20	17	10
12	- 3/8	32.5	56.5	63.5	20	21.5	10
12	- 1/2	35	62	69.5	24	21.5	10
14	- 1/2	35.5	62	69.5	24	21.5	10



8963

REGOLATORE UNIDIREZIONALE PER VALVOLA REGOLAZIONE A CACCIAVITE UNI-DIRECTIONAL FLOW REGULATOR FOR VALVE SCREWDRIVER REGULATION

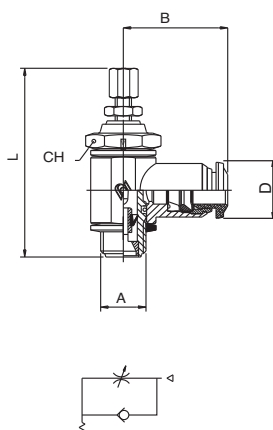


Tubo Tube	A	B	L	CH	D	Conf. Pack.
3	- M5	19	24	8	10	25
4	- M5	19	24	8	10	25
4	- 1/8	21	30.5	14	10	25
5	- M5	20	24	8	12.5	25
5	- 1/8	21.5	30.5	14	12.5	25
5	- 1/4	24.5	35.5	17	12.5	25
6	- M5	20.5	24	8	12.5	25
6	- 1/8	22.5	30.5	14	12.5	25
6	- 1/4	25	35.5	17	12.5	25
8	- 1/8	24	30.5	14	14	25
8	- 1/4	26	35.5	17	14	25
8	- 3/8	28	35.5	20	14	25
10	- 1/4	29	35.5	17	17	25
10	- 3/8	30.5	35.5	20	17	25
12	- 3/8	32.5	35.5	20	21.5	25
12	- 1/2	35	35.5	24	21.5	25
14	- 1/2	35.5	35.5	24	21.5	25



8968

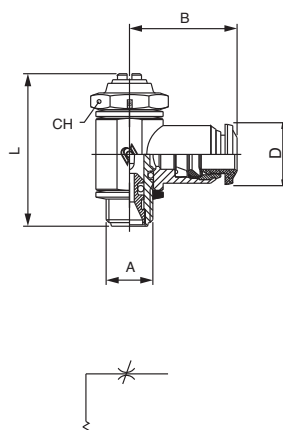
REGOLATORE UNIDIREZIONALE PER VALVOLA REGOLAZIONE MANUALE UNI-DIRECTIONAL FLOW REGULATOR FOR VALVE MANUAL REGULATION



Tubo Tube	A	B	Lmin	Lmax	CH	D	Conf. Pack.
3	- M5	19	33	37.5	8	10	10
4	- M5	19	33	37.5	8	10	10
4	- 1/8	21	41	46.5	14	10	10
5	- M5	20	33	37.5	8	12.5	10
5	- 1/8	21.5	41	46.5	14	12.5	10
5	- 1/4	24.5	46.5	52.5	17	12.5	10
6	- M5	20.5	33	37.5	8	12.5	10
6	- 1/8	22.5	41	46.5	14	12.5	10
6	- 1/4	25	46.5	52.5	17	12.5	10
8	- 1/8	24	41	46.5	14	14	10
8	- 1/4	26	46.5	52.5	17	14	10
8	- 3/8	28	56.5	63.5	20	14	10
10	- 1/4	29	46.5	52.5	17	17	10
10	- 3/8	30.5	56.5	63.5	20	17	10
12	- 3/8	32.5	56.5	63.5	20	21.5	10
12	- 1/2	35	62	69.5	24	21.5	10
14	- 1/2	35.5	62	69.5	24	21.5	10

8973

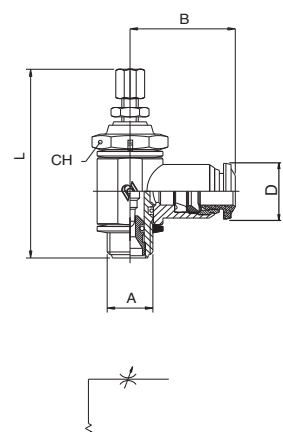
REGOLATORE BIDIREZIONALE REGOLAZIONE A CACCIAVITE BI-DIRECTIONAL FLOW REGULATOR SCREWDRIVER REGULATION



Tubo Tube	A	B	L	CH	D	Conf. Pack.
3	- M5	19	24	8	10	25
4	- M5	19	24	8	10	25
4	- 1/8	21	30.5	14	10	25
5	- M5	20	24	8	12.5	25
5	- 1/8	21.5	30.5	14	12.5	25
5	- 1/4	24.5	35.5	17	12.5	25
6	- M5	20.5	24	8	12.5	25
6	- 1/8	22.5	30.5	14	12.5	25
6	- 1/4	25	35.5	17	12.5	25
8	- 1/8	24	30.5	14	14	25
8	- 1/4	26	35.5	17	14	25
8	- 3/8	28	35.5	20	14	25
10	- 1/4	29	35.5	17	17	25
10	- 3/8	30.5	35.5	20	17	25
12	- 3/8	32.5	35.5	20	21.5	25
12	- 1/2	35	35.5	24	21.5	25
14	- 1/2	35.5	35.5	24	21.5	25

8978

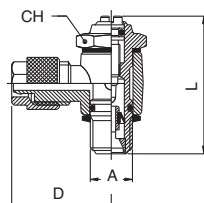
REGOLATORE BIDIREZIONALE REGOLAZIONE MANUALE BI-DIRECTIONAL FLOW REGULATOR MANUAL REGULATION



Tubo Tube	A	B	Lmin	Lmax	CH	D	Conf. Pack.
3	- M5	19	33	37.5	8	10	10
4	- M5	19	33	37.5	8	10	10
4	- 1/8	21	41	46.5	14	10	10
5	- M5	20	33	37.5	8	12.5	10
5	- 1/8	21.5	41	46.5	14	12.5	10
5	- 1/4	24.5	46.5	52.5	17	12.5	10
6	- M5	20.5	33	37.5	8	12.5	10
6	- 1/8	22.5	41	46.5	14	12.5	10
6	- 1/4	25	46.5	52.5	17	12.5	10
8	- 1/8	24	41	46.5	14	14	10
8	- 1/4	26	46.5	52.5	17	14	10
8	- 3/8	28	56.5	63.5	20	14	10
10	- 1/4	29	46.5	52.5	17	17	10
10	- 3/8	30.5	56.5	63.5	20	17	10
12	- 3/8	32.5	56.5	63.5	20	21.5	10
12	- 1/2	35	62	69.5	24	21.5	10
14	- 1/2	35.5	62	69.5	24	21.5	10

8950

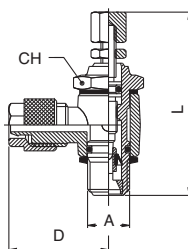
REGOLATORE UNIDIREZIONALE PER CILINDRO REGOLAZIONE A CACCIAVITE
UNI-DIRECTIONAL FLOW REGULATOR FOR CILINDER SCREWDRIVER REGULATION



Tubo/Tube	A	D	L	CH	Conf. Pack.
4/2.7 - M5		21.5	24	8	25
4/2.7 - 1/8		23.3	30.5	14	25
6/4 - M5		21.5	24	8	25
6/4 - 1/8		23.3	30.5	14	25
6/4 - 1/4		25.3	35.5	17	25
8/6 - 1/8		24.7	30.5	14	25
8/6 - 1/4		27.6	35.5	17	25
8/6 - 3/8		27.7	41	20	25
10/8 - 1/4		29.5	35.5	17	25
10/8 - 3/8		30.5	41	20	25
12/10 - 3/8		31.5	41	20	25
12/10 - 1/2		35	47	24	25
15/12.5 - 1/2		36.5	47	24	25

8955

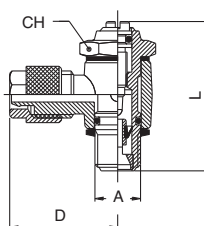
REGOLATORE UNIDIREZIONALE PER CILINDRO REGOLAZIONE MANUALE
UNI-DIRECTIONAL FLOW REGULATOR FOR CILINDER MANUAL REGULATION



Tubo/Tube	A	D	Lmin	Lmax	CH	Conf. Pack.
4/2.7 - M5		21.5	33	37.5	8	25
4/2.7 - 1/8		23.3	41	46.5	14	25
6/4 - M5		21.5	33	37.5	8	25
6/4 - 1/8		23.3	41	46.5	14	25
6/4 - 1/4		25.3	46.5	52.5	17	25
8/6 - 1/8		24.7	41	46.5	14	25
8/6 - 1/4		27.6	46.5	52.5	17	25
8/6 - 3/8		27.7	56.5	63.5	20	25
10/8 - 1/4		29.5	46.5	52.5	17	25
10/8 - 3/8		30.5	56.5	63.5	20	25
12/10 - 3/8		31.5	56.5	63.5	20	25
12/10 - 1/2		35	62	69.5	24	25
15/12.5 - 1/2		36.5	62	69.5	24	25

8960

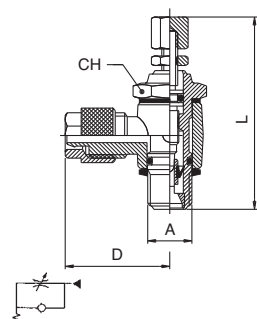
REGOLATORE UNIDIREZIONALE PER VALVOLA REGOLAZIONE A CACCIAVITE
UNI-DIRECTIONAL FLOW REGULATOR FOR VALVE SCREWDRIVER REGULATION



Tubo/Tube	A	D	L	CH	Conf. Pack.
4/2.7 - M5		21.5	24	8	25
4/2.7 - 1/8		23.3	30.5	14	25
6/4 - M5		21.5	24	8	25
6/4 - 1/8		23.3	30.5	14	25
6/4 - 1/4		25.3	35.5	17	25
8/6 - 1/8		24.7	30.5	14	25
8/6 - 1/4		27.6	35.5	17	25
8/6 - 3/8		27.7	41	20	25
10/8 - 1/4		29.5	35.5	17	25
10/8 - 3/8		30.5	41	20	25
12/10 - 3/8		31.5	41	20	25
12/10 - 1/2		35	47	24	25
15/12.5 - 1/2		36.5	47	24	25

8965

REGOLATORE UNIDIREZIONALE PER VALVOLA REGOLAZIONE MANUALE UNI-DIRECTIONAL FLOW REGULATOR FOR VALVE MANUAL REGULATION

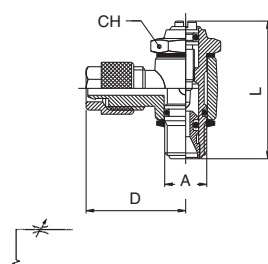


Tubo/Tube	A	D	Lmin	Lmax	CH	Conf. Pack.
4/2.7 - M5		21.5	33	37.5	8	25
4/2.7 - 1/8		23.3	41	46.5	14	25
6/4 - M5		21.5	33	37.5	8	25
6/4 - 1/8		23.3	41	46.5	14	25
6/4 - 1/4		25.3	46.5	52.5	17	25
8/6 - 1/8		24.7	41	46.5	14	25
8/6 - 1/4		27.6	46.5	52.5	17	25
8/6 - 3/8		27.7	56.5	63.5	20	25
10/8 - 1/4		29.5	46.5	52.5	17	25
10/8 - 3/8		30.5	56.5	63.5	20	25
12/10 - 3/8		31.5	56.5	63.5	20	25
12/10 - 1/2		35	62	69.5	24	25
15/12.5 - 1/2		36.5	62	69.5	24	25



8970

REGOLATORE BIDIREZIONALE REGOLAZIONE A CACCIIVITE BI-DIRECTIONAL FLOW REGULATOR SCREWDRIVER REGULATION

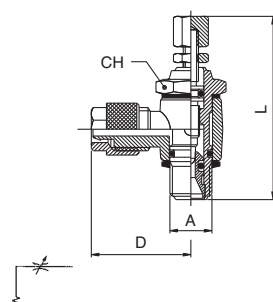


Tubo/Tube	A	D	L	CH	Conf. Pack.
4/2.7 - M5		21.5	24	8	25
4/2.7 - 1/8		23.3	30.5	14	25
6/4 - M5		21.5	24	8	25
6/4 - 1/8		23.3	30.5	14	25
6/4 - 1/4		25.3	35.5	17	25
8/6 - 1/8		24.7	30.5	14	25
8/6 - 1/4		27.6	35.5	17	25
8/6 - 3/8		27.7	41	20	25
10/8 - 1/4		29.5	35.5	17	25
10/8 - 3/8		30.5	41	20	25
12/10 - 3/8		31.5	41	20	25
12/10 - 1/2		35	47	24	25
15/12.5 - 1/2		36.5	47	24	25



8975

REGOLATORE BIDIREZIONALE REGOLAZIONE MANUALE BI-DIRECTIONAL FLOW REGULATOR MANUAL REGULATION



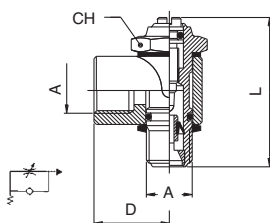
Tubo/Tube	A	D	Lmin	Lmax	CH	Conf. Pack.
4/2.7 - M5		21.5	33	37.5	8	25
4/2.7 - 1/8		23.3	41	46.5	14	25
6/4 - M5		21.5	33	37.5	8	25
6/4 - 1/8		23.3	41	46.5	14	25
6/4 - 1/4		25.3	46.5	52.5	17	25
8/6 - 1/8		24.7	41	46.5	14	25
8/6 - 1/4		27.6	46.5	52.5	17	25
8/6 - 3/8		27.7	56.5	63.5	20	25
10/8 - 1/4		29.5	46.5	52.5	17	25
10/8 - 3/8		30.5	56.5	63.5	20	25
12/10 - 3/8		31.5	56.5	63.5	20	25
12/10 - 1/2		35	62	69.5	24	25
15/12.5 - 1/2		36.5	62	69.5	24	25



8952



REGOLATORE UNIDIREZIONALE PER CILINDRO REGOLAZIONE A CACCIIVITE
UNI-DIRECTIONAL FLOW REGULATOR FOR CILINDER SCREWDRIVER REGULATION

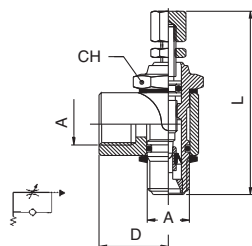


A	D	L	CH	Conf. Pack.
1/8	16.5	30.5	14	25
1/4	22	35.5	17	25
3/8	26	35.5	20	25

8957



REGOLATORE UNIDIREZIONALE PER CILINDRO REGOLAZIONE MANUALE
UNI-DIRECTIONAL FLOW REGULATOR FOR CILINDER MANUAL REGULATION

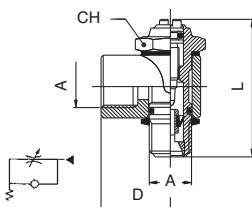


A	D	Lmin	Lmax	CH	Conf. Pack.
1/8	16.5	41	46.5	14	25
1/4	22	46.5	52.5	17	25
3/8	26	56.5	63.5	17	25

8962



REGOLATORE UNIDIREZIONALE PER VALVOLA REGOLAZIONE A CACCIIVITE
UNI-DIRECTIONAL FLOW REGULATOR FOR VALVE SCREWDRIVER REGULATION

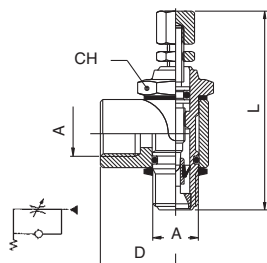


A	D	L	CH	Conf. Pack.
1/8	16.5	30.5	14	25
1/4	22	35.5	17	25
3/8	26	35.5	20	25

8967



REGOLATORE UNIDIREZIONALE PER VALVOLA REGOLAZIONE MANUALE
UNI-DIRECTIONAL FLOW REGULATOR FOR VALVE MANUAL REGULATION

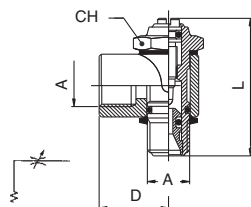


A	D	Lmin	Lmax	CH	Conf. Pack.
1/8	16.5	41	46.5	14	25
1/4	22	46.5	52.5	17	25
3/8	26	56.5	63.5	17	25

8972



REGOLATORE BIDIREZIONALE REGOLAZIONE A CACCIIVITE
BI-DIRECTIONAL FLOW REGULATOR SCREWDRIVER REGULATION

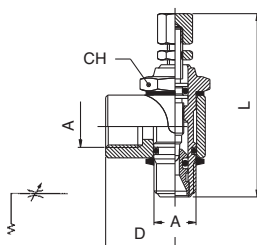


A	D	L	CH	Conf. Pack.
1/8	16.5	30.5	14	25
1/4	22	35.5	17	25
3/8	26	35.5	20	25

8977



REGOLATORE BIDIREZIONALE REGOLAZIONE MANUALE
BI-DIRECTIONAL FLOW REGULATOR MANUAL REGULATION



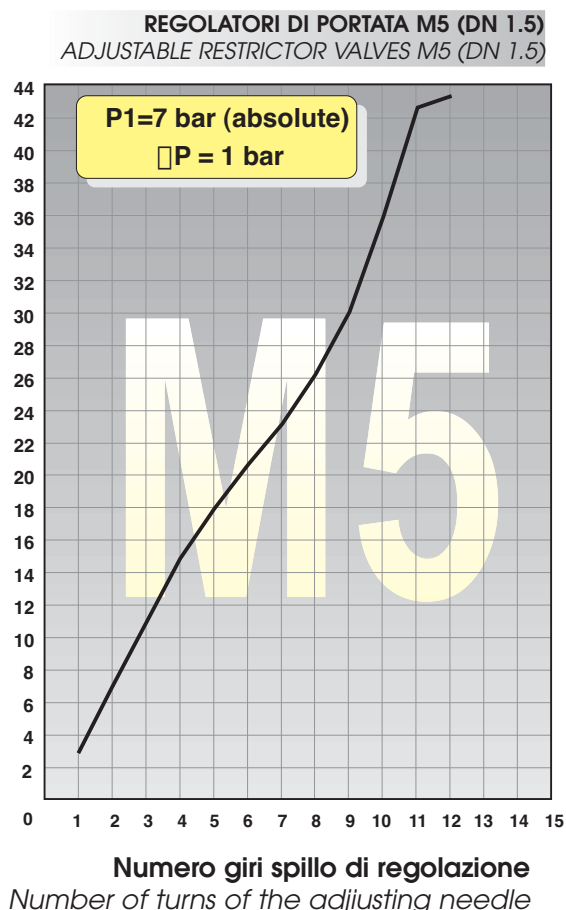
A	D	Lmin	Lmax	CH	Conf. Pack.
1/8	16.5	41	46.5	14	25
1/4	22	46.5	52.5	17	25
3/8	26	56.5	63.5	17	25

**CARATTERISTICHE DI FLUSSO
REGOLATORI DI PORTATA
UNIDIREZIONALI E BIDIREZIONALI**
*FLOW CHARACTERISTICS
ADJUSTABLE RESTRICTOR VALVES
UNI-DIRECTIONALS AND
BI-DIRECTIONALS*

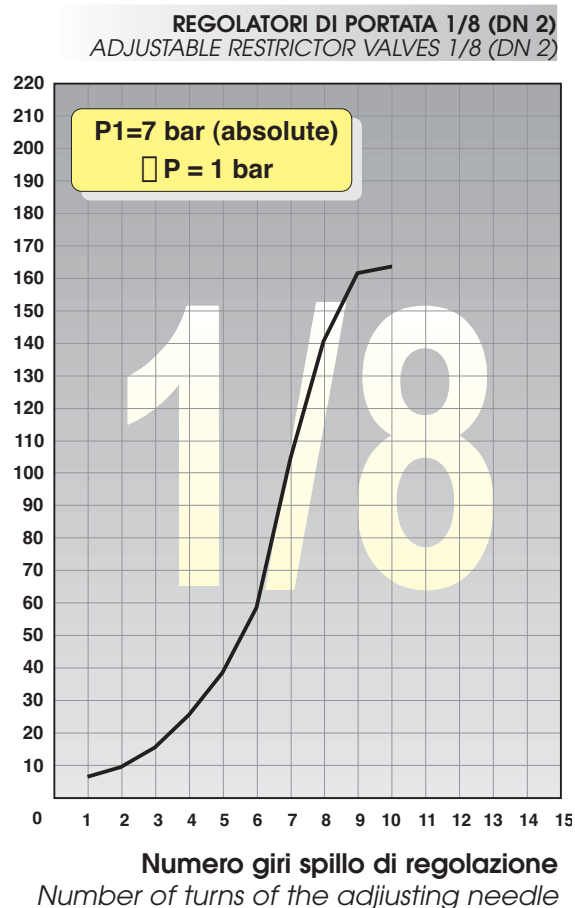
Riportiamo in questa pagina le caratteristiche di flusso dei regolatori per una corretta scelta della misura che più si adatta ad ogni specifico impiego.

In this page you can find the flow characteristics of the regulators, which will help you to chose the most suitable size to satisfy every specific use.

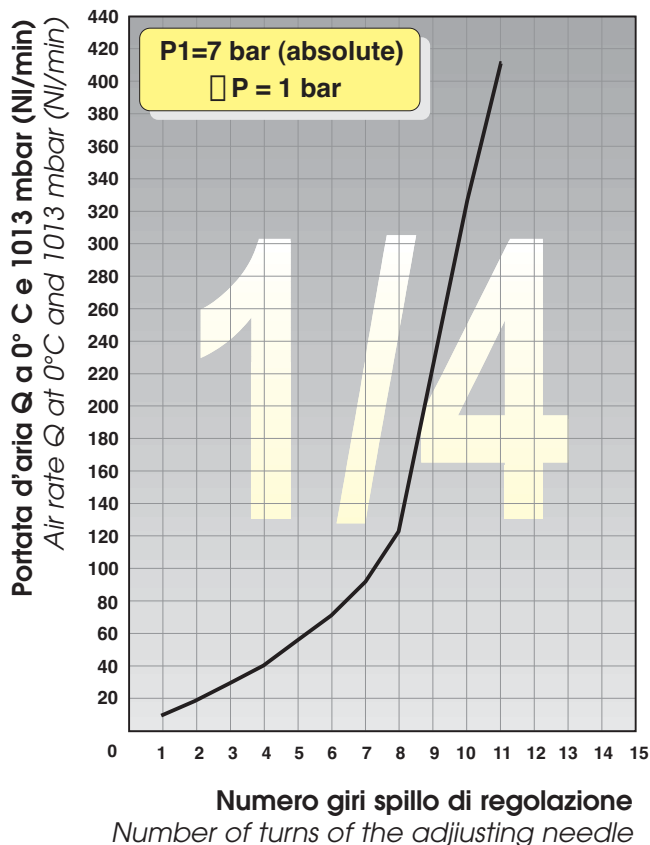
Portata d'aria Q a 0°C e 1013 mbar (NI/min)
Air rate Q at 0°C and 1013 mbar (NI/min)



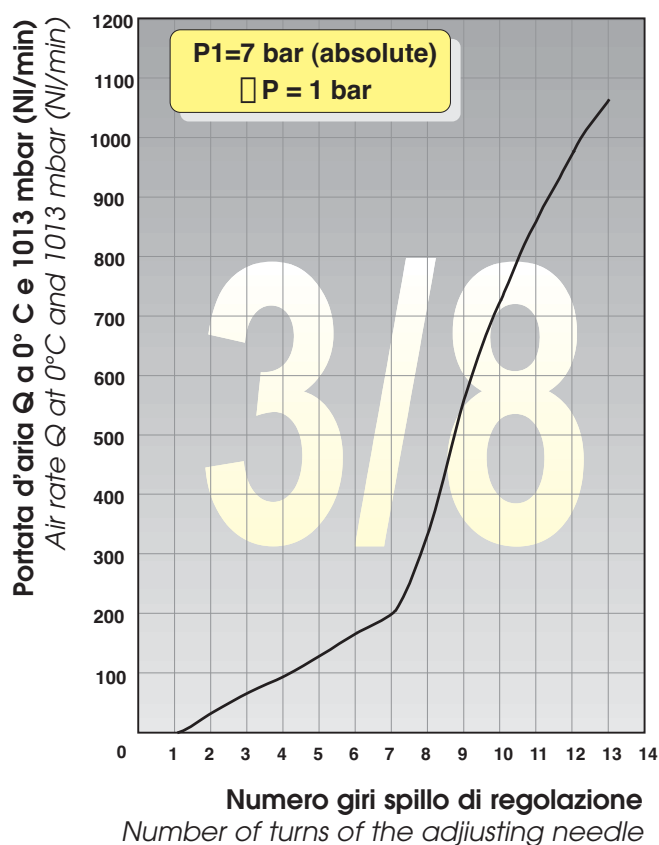
Portata d'aria Q a 0°C e 1013 mbar (NI/min)
Air rate Q at 0°C and 1013 mbar (NI/min)



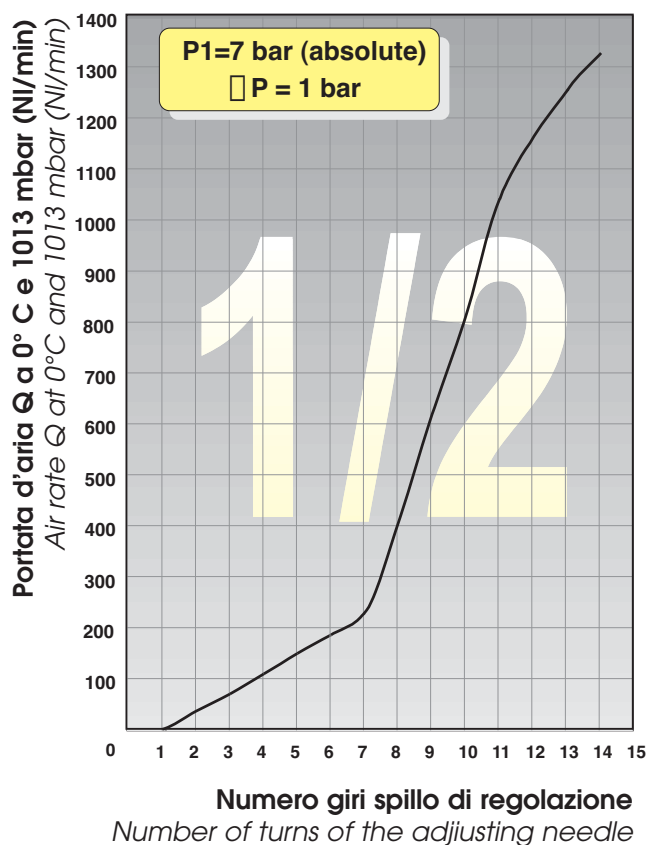
REGOLATORI DI PORTATA 1/4 (DN 3.5)
ADJUSTABLE RESTRICTOR VALVES 1/4 (DN 3.5)



REGOLATORI DI PORTATA 3/8 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 3/8 (DN 6)

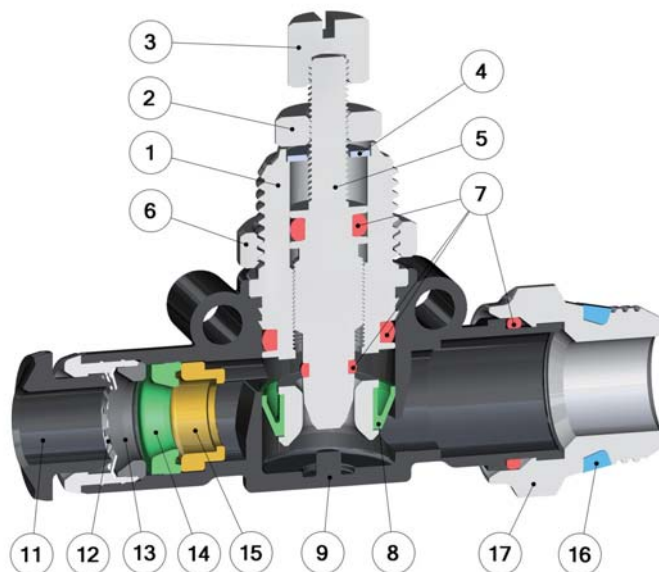


REGOLATORI DI PORTATA 1/2 (DN 6)
ADJUSTABLE RESTRICTOR VALVES 1/2 (DN 6)



Regolatori di portata in Linea / In Line Adjustable Restrictor valves

Caratteristiche Tecniche / Technical Characteristics

NEW


Materiali e Componenti / Component Parts and Materials

- | | |
|---|--|
| 1 Nipplo in Ottone Nichelato | 1 Nickel-Plated Brass Nipple |
| 2 Ghiera di Bloccaggio in Ottone Nichelato | 2 Nickel-Plated Brass Locking nut |
| 3 Pomolo di comando in Ottone Nichelato | 3 Nickel-Plated Brass Adjusting Knob |
| 4 Rondella in acciaio AISI 304 | 4 Steel AISI 304 Washer |
| 5 Spillo di regolazione in Ottone Nichelato | 5 Nickel-Plated Brass Adjusting needle |
| 6 Ghiera in ottone nichelato | 6 Nickel-plated brass sleeve |
| 7 Guarnizione O-Ring in NBR | 7 NBR O-Ring seal |
| 8 Guarnizione a labbro in NBR | 8 NBR Lip seal |
| 9 Corpo in tecnopolimero | 9 Technopolymeric Body |
| 10 Capsula in ottone nichelato | 10 Nickel-Plated Brass Capsule |
| 11 Spintore sgancio tubo in resina acetlica | 11 Acetalic resin Collet |
| 12 Pinza d'aggraffaggio in acciaio AISI 301 | 12 Steel AISI 301 Clamping Washer |
| 13 Anello di sicurezza in tecnopolimero | 13 Technopolymeric safety Ring |
| 14 Guarnizione a labbro in NBR | 14 NBR Lip seal |
| 15 Supporto guida tubo in ottone | 15 Brass Tube-guide Support |
| 16 Basetta in ottone nichelato | 16 Nickel-Plated Brass Base |
| 17 Guarnizione filetto in NBR | 17 NBR Thread Packing |

Pressioni / Pressures

Pressione minima / Minimum pressure: **-0.99 bar** (-0.099 MPa)
 Pressione massima / Maximum pressure: **15 bar** (1.5 MPa)

Temperature / Temperatures

Temperatura minima / Minimum temperature: **-20 °C**
 Temperatura massima / Maximum temperature: **+80 °C**

Filettature / Threads

Gas conica "short" / "Short" Tapered thread.
 Metrica conforme ISO R/262 / Metric in conformity with ISO R/262.

Tubi di collegamento / Connection Tubes

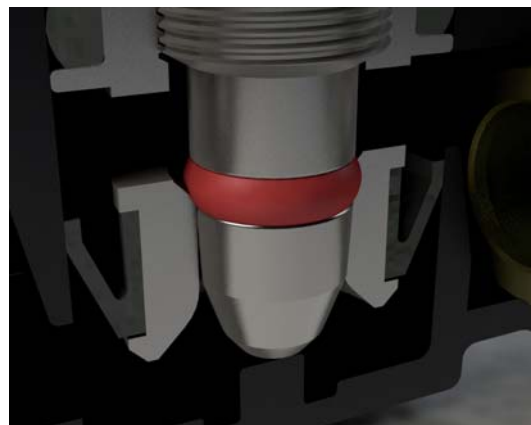
Tubi in materiale plastico:
 PA6, PA11, PA 12, Polietilene, *Poliuretano;ecc.
 *Per tubi in Poliuretano é consigliata una durezza di 98 shore.
 Plastic tubes:
 PA6, PA11, PA12, Polyethylene, *Polyurethane, ecc.
 *For Polyurethane hoses it is required a minimum hardness of 98 shore.

Fluidi compatibili / Fluids

Aria compressa / Compressed air.

Le Principali Caratteristiche / The Most Important Characteristics

La presenza di un O-ring sullo spillo, garantisce una completa tenuta del regolatore.
The O-ring on the needle, guarantees the complete, sealing of the regulator.



Il montaggio a pannello, è possibile mediante il nipplo filettato e l'apposita ghiera.
Wall mounting, possible through the nipple and threaded ring nut.

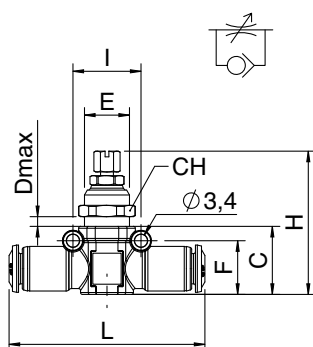
E' previsto il montaggio a parete, mediante viti da M3 inserite nelle apposite sedi.
It is provided for wall mounting, with M3 screws inserted into the appropriate locations.



55940

REGOLATORE IN LINEA UNIDIREZIONALE TUBO-TUBO
TUBE IN-LINE NEEDLE VALVE (UNIDIRECTIONAL FLOW)

NEW

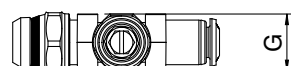
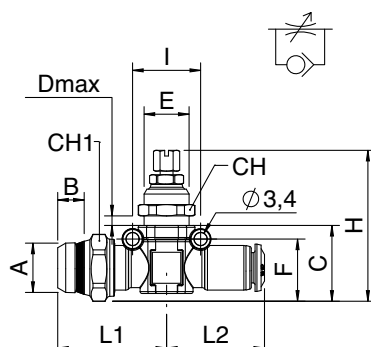


Tubo Tube	C	D	E	F	G	H	I	L	CH	Conf. Pack.
6	18	6	M12x1	14.5	15	37.5÷43.5	18	52	14	10
8	20	6.5	M14x1	16.5	17	39.5÷45.5	20	58	16	10
10	23.5	8	M16x1	19.5	19	47.5÷53.5	22.5	67	18	10

55945

REGOLATORE IN LINEA UNIDIREZIONALE PER CILINDRO MASCHIO SHORT-TUBO
MALE SHORT-TUBE IN-LINE FLOW CONTROL (CONTROLLED FLOW OUT)

NEW

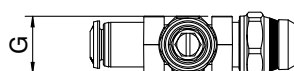
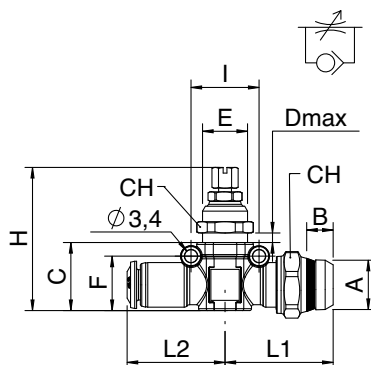


A	Tubo Tube	B	C	D	E	F	G	H	I	L1	L2	CH	CH1	Conf. Pack.
1/8	6	5.5	20	6	M12x1	16.5	15	39.5÷45.5	18	28.5	26	14	16	10
1/4	6	7	20	6	M12x1	16.5	15	39.5÷45.5	18	28.5	26	14	16	10
1/4	8	7	23	6.5	M14x1	16.5	17	42.5÷48.5	20	33.5	29	16	20	10
3/8	8	7.5	23	6.5	M14x1	16.5	17	42.5÷48.5	20	33.5	29	16	20	10
3/8	10	7.5	24.5	8	M16x1	20.5	19	42.5÷54	22.5	34.5	33.5	18	20	10
1/2	10	9	25	8	M16x1	21	19	42.5÷54.5	22.5	34.5	33.5	18	21	10

55950

REGOLATORE IN LINEA UNIDIREZIONALE PER VALVOLA TUBO- MASCHIO SHORT
MALE SHORT-TUBE IN-LINE FLOW CONTROL (CONTROLLED FLOW IN)

NEW

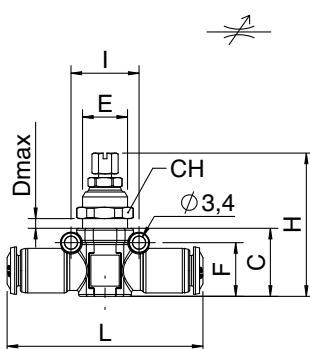


A	Tubo Tube	B	C	D	E	F	G	H	I	L1	L2	CH	CH1	Conf. Pack.
1/8	6	5.5	20	6	M12x1	16.5	15	39.5÷45.5	18	29	26	14	16	10
1/4	6	7	20	6	M12x1	16.5	15	39.5÷45.5	18	29	26	14	16	10
1/4	8	7	23	6.5	M14x1	16.5	17	42.5÷48.5	20	33.5	29	16	20	10
3/8	8	7.5	23	6.5	M14x1	16.5	17	42.5÷48.5	20	33.5	29	16	20	10
3/8	10	7.5	24.5	8	M16x1	20.5	19	42.5÷54	22.5	34.5	33.5	18	20	10
1/2	10	9	25	8	M16x1	21	19	42.5÷54.5	22.5	34.5	33.5	18	21	10

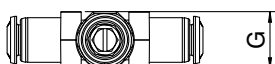
55955

REGOLATORE IN LINEA BIDIREZIONALE TUBO-TUBO
TUBE IN-LINE NEEDLE VALVE (BIDIRECTIONAL FLOW)

NEW



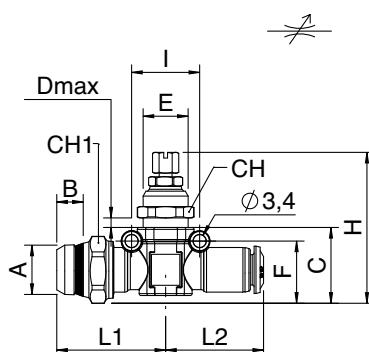
Tubo Tube	C	D	E	F	G	H	I	L	CH	Conf. Pack.
6	18	6	M12x1	14.5	15	37.5÷43.5	18	52	14	10
8	20	6.5	M14x1	16.5	17	39.5÷45.5	20	58	16	10
10	23.5	8	M16x1	19.5	19	47.5÷53.5	22.5	67	18	10



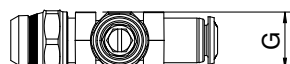
55960

REGOLATORE IN LINEA BIDIREZIONALE TUBO-MASCHIO SHORT
MALE SHORT-TUBE IN-LINE FLOW CONTROL (BIDIRECTIONAL FLOW)

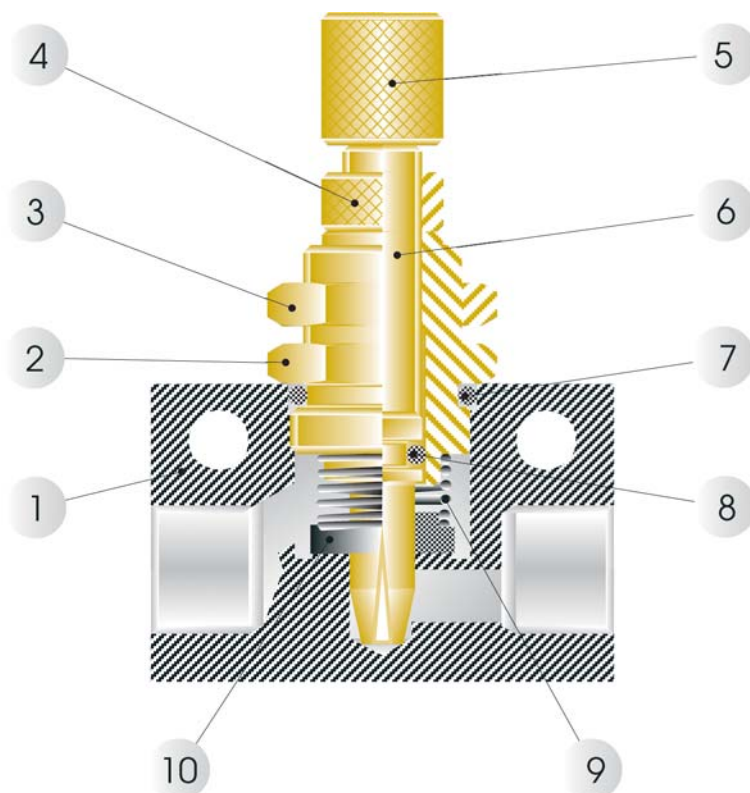
NEW



A	Tubo Tube	B	C	D	E	F	G	H	I	L1	L2	CH	CH1	Conf. Pack.
1/8	6	5.5	20	6	M12x1	16.5	15	39.5÷45.5	18	28.5	26	14	16	10
1/4	6	7	20	6	M12x1	16.5	15	39.5÷45.5	18	28.5	26	14	16	10
1/4	8	7	23	6.5	M14x1	16.5	17	42.5÷48.5	20	33.5	29	16	20	10
3/8	8	7.5	23	6.5	M14x1	16.5	17	42.5÷48.5	20	33.5	29	16	20	10
3/8	10	7.5	24.5	8	M16x1	20.5	19	42.5÷54	22.5	34.5	33.5	18	20	10
1/2	10	9	25	8	M16x1	21	19	42.5÷54.5	22.5	34.5	33.5	18	21	10



Regolatori di Flusso Unidirezionali / Uni-directional Flow Regulator

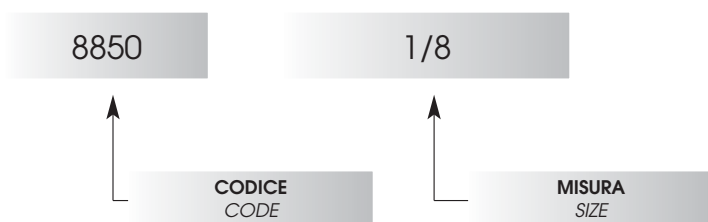


Scheda Materiali / Specifications

- 1 Corpo in alluminio anodizzato
- 2 Nipplo in ottone
- 3 Ghiera di fissaggio in ottone
- 4 Ghiera in ottone
- 5 Pomolo in ottone
- 6 Spillo in ottone
- 7 O-Ring Nipplo in NBR 70
- 8 O-Ring Spillo in NBR 70
- 9 Molla in acciaio
- 10 Guarnizione flottante

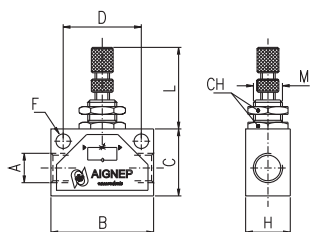
- 1 Anodized aluminium Body
- 2 Brass Nipple
- 3 Brass Locking nut
- 4 Brass Nut
- 5 Brass Adjusting Knob
- 6 Brass Adjusting needle
- 7 NBR 70 O-Ring Nipple
- 8 NBR 70 O-Ring Adjusting needle
- 9 Steel Spring
- 10 Seal floating washer

Esempio D'ordine / How to Order



8850

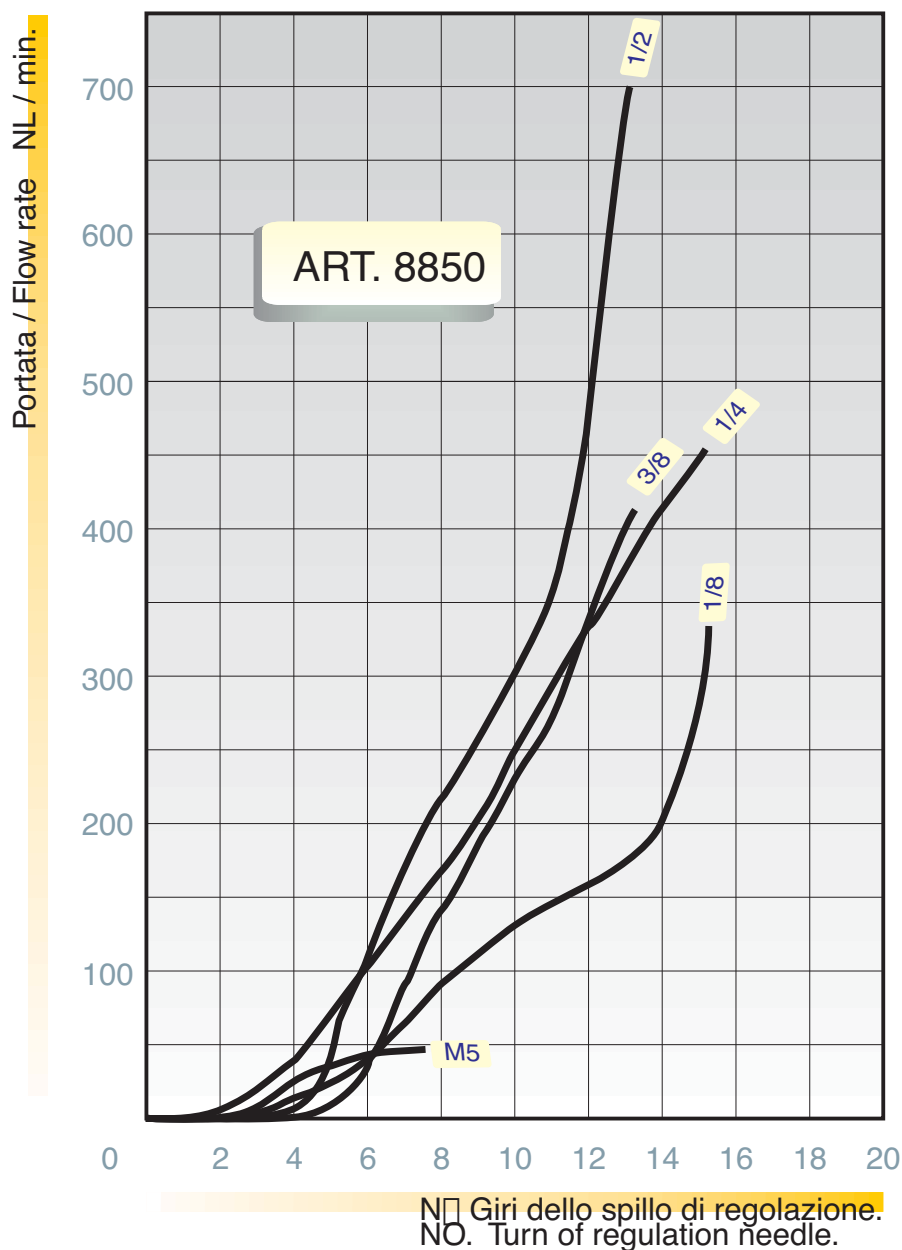
REGOLATORE DI FLUSSO UNIDIREZIONALE - UNI-DIRECTIONAL FLOW REGULATOR



	A	B	C	H	D	F	L	M	CH	Conf. Pack.
M5	25	15	12	18	4.5	20-27	M10x0.75	12		25
1/8	35	22	18	24.7	4.5	26-36	M12x0.75	15		25
1/4	46	30	20	35	6.5	26-36	M12x0.75	15		25
3/8	50	30	25	35	6.5	32-42	M18x1.5	22		10
1/2	60	40	25	44	6.5	32-44	M18x1.5	22		10

CARATTERISTICHE DI FLUSSO REGOLATORI DI PORTATA UNIDIREZIONALI

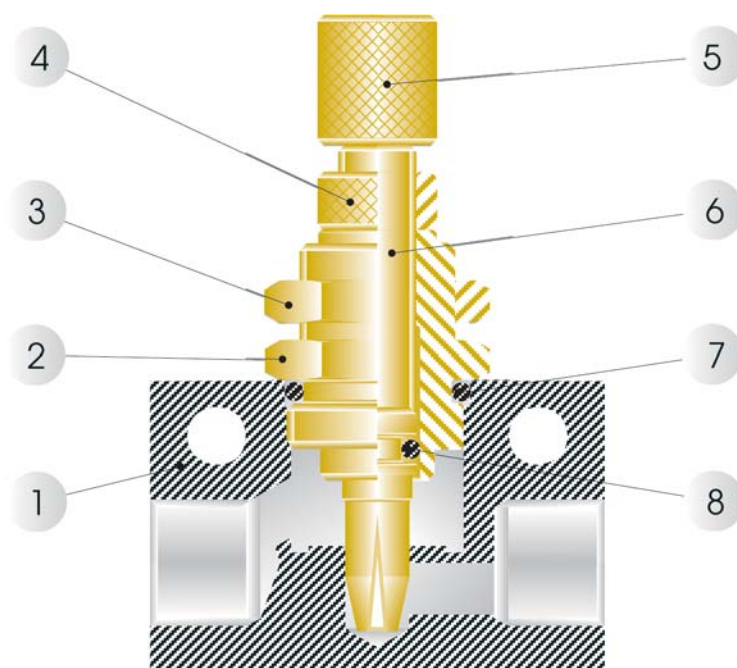
FLOW CHARACTERISTICS ADJUSTABLE RESTRICTOR VALVES UNI-DIRECTIONALS



PRESSIONE ASSOLUTA A MONTE:
INLET PRESSURE:
PRESSIONE ASSOLUTA A VALLE:
OUTLET PRESSURE:

7 bar
7 bar
PRESSIONE ATMOSFERICA
ATMOSPHERE PRESSURE

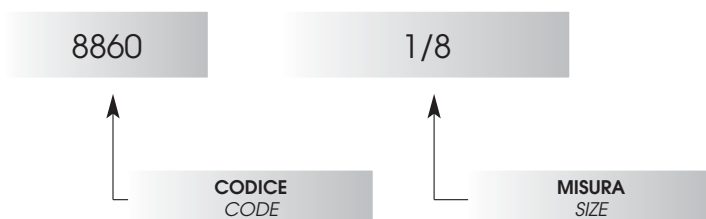
Regolatori di Flusso Bidirezionali / Bi-directional Flow Regulator



Scheda Materiali / Specifications

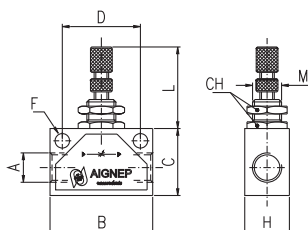
1 Corpo in alluminio anodizzato	1 Anodized aluminium Body
2 Nipplo in ottone	2 Brass Nipple
3 Ghiera di fissaggio in ottone	3 Brass Locking nut
4 Ghiera in ottone	4 Brass Nut
5 Pomolo in ottone	5 Brass Adjusting Knob
6 Spillo in ottone	6 Brass Adjusting needle
7 O-Ring Nipplo in NBR 70	7 NBR 70 O-Ring Nipple
8 O-Ring Spillo in NBR 70	8 NBR 70 O-Ring Adjusting needle

Esempio D'ordine / How to Order



8860

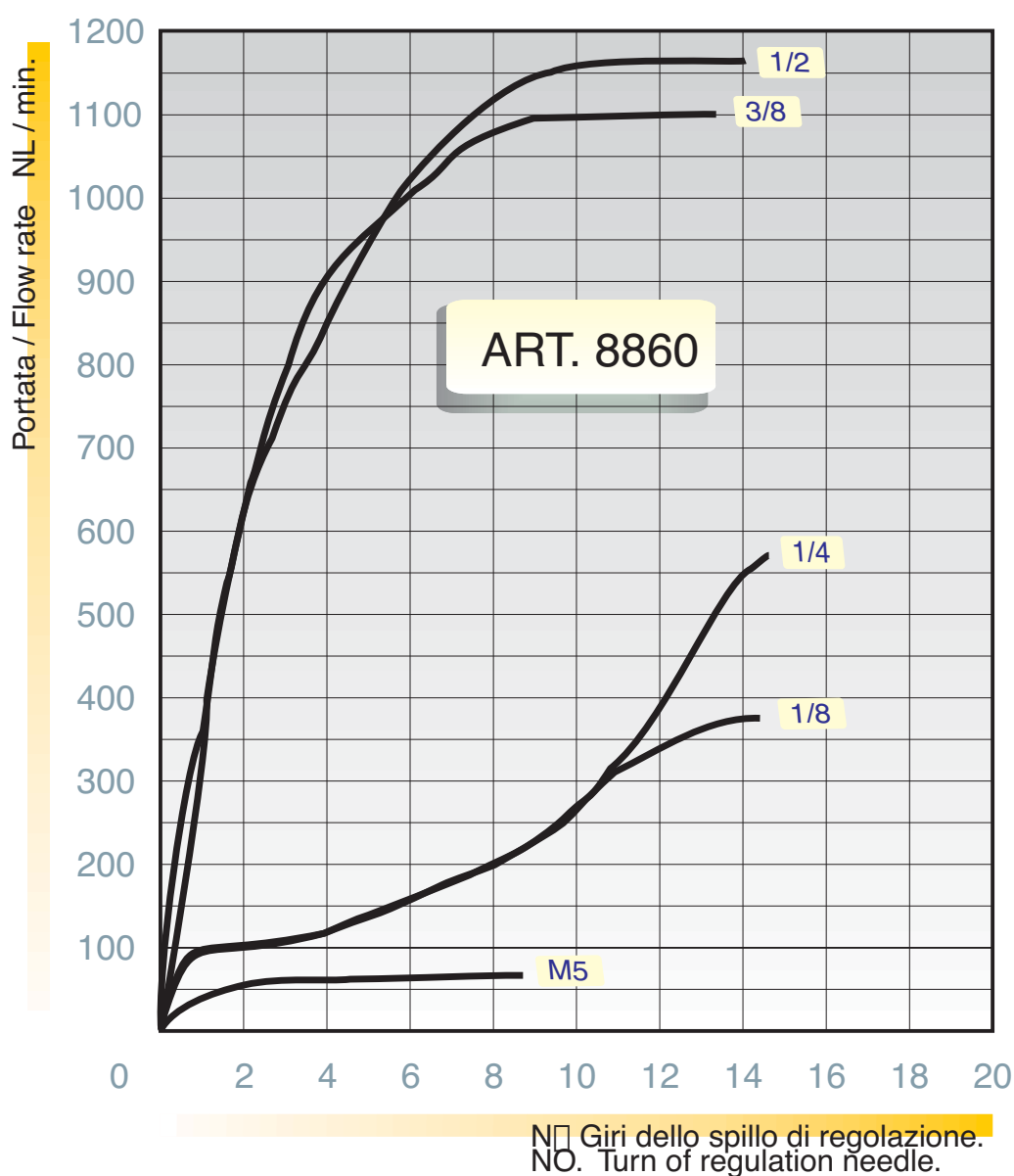
REGOLATORE DI FLUSSO BIDIREZIONALE - BI-DIRECTIONAL FLOW REGULATOR



A	B	C	H	D	F	L	M	CH	Conf. Pack.
M5	25	15	12	18	4.5	20-27	M10x0.75	12	25
1/8	35	22	18	24.7	4.5	27-34	M12x0.75	15	25
1/4	46	30	20	35	6.5	27-34	M12x0.75	15	25
3/8	50	30	25	35	6.5	32-43	M18x1.5	22	10
1/2	60	40	25	44	6.5	32-43	M18x1.5	22	10

CARATTERISTICHE DI FLUSSO REGOLATORI DI PORTATA BIDIREZIONALI

FLOW CHARACTERISTICS ADJUSTABLE RESTRICTOR VALVES BI-DIRECTIONALS


PRESSIONE ASSOLUTA A MONTE:

INLET PRESSURE:

PRESSIONE ASSOLUTA A VALLE:

OUTLET PRESSURE:

7 bar

7 bar

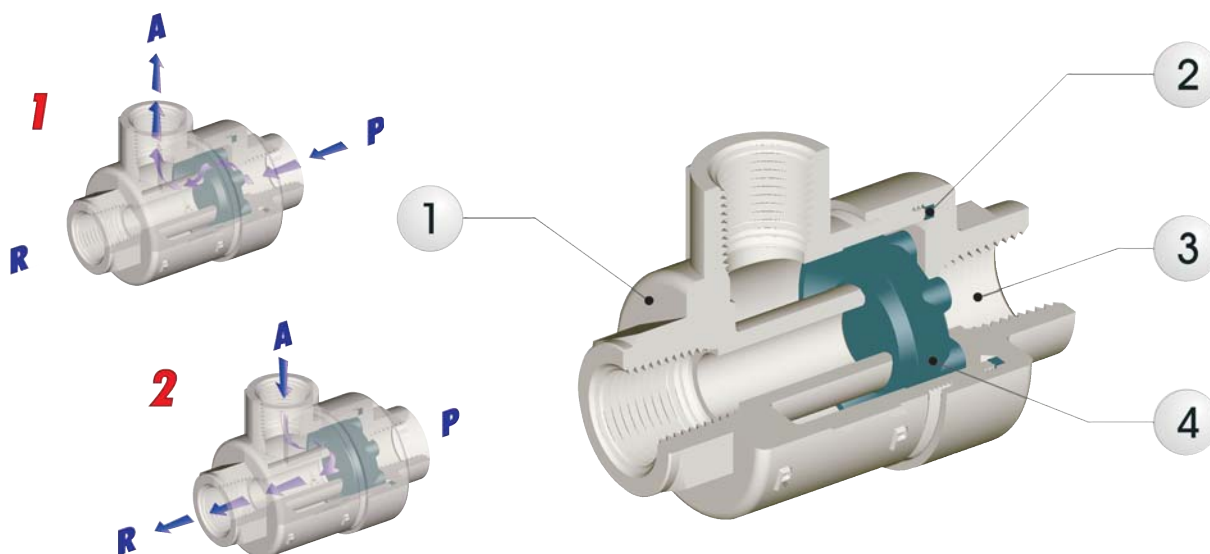
PRESSIONE ATMOSFERICA

ATMOSPHERE PRESSURE

Valvole a Scarico Rapido / Quick Exhaust Valve

Nella norma UNI ISO 5598 questo articolo viene così definito: "Valvola la cui uscita viene immediatamente aperta a scarico ogni qualvolta cala il valore di pressione dell'aria all'ingresso". L'aria proveniente dall'impianto entra da P sposta il tampone escludendo lo scarico R e va all'utilizzo A (Fig. 1). Nel momento in cui viene a mancare la pressione all'ingresso P, l'aria che si trova all'utilizzo per differenza di pressione sposta il tampone escludendo P e fuoriesce dallo scarico R (Fig. 2). Queste valvole permettono quindi una maggiore rapidità di scarico velocizzando i cicli di lavoro. All'uscita di R è sempre consigliabile mettere un silenziatore, oppure con opportuni collegamenti si può riutilizzare il flusso per ulteriori segnali o utilizzi.

According to the definition of the UNI standards ref. UNI-ISO 5598 this valve is considered: "Valve which immediately opens its outlet to exhaust, whenever the pressure of the air decreases at the inlet." The air arrives from the system and enters at "P", it moves the pad (Part. N. 3) sealing "R" and bending the pad edges, it travels to "A" (Fig. N.1). When it miss the pressure in "P", the air presents into the system due to the difference of pressure, it moves the pad sealing "P" and it clears through outlet "R" (Fig N.2). This allows a speedy and a better exhaust and also it speeds up the work cycles. At the outlet "R" it is advised to assembly a silencer or if necessary use the flow for further signals or uses.



Scheda Materiali / Specifications

- 1 Corpo in Ottone nichelato
- 2 Guarnizione O-Ring in PA66
- 3 Coperchio in ottone nichelato
- 4 Tampone in NBR 70

- 1 Nickel-plated Brass Body
- 2 PA66 O-RING Seals
- 3 Nickel-plated Brass Cover cap
- 4 NBR 70 Pad

Pressioni / Pressures

Pressione minima / Minimum pressure: **0.3 bar** (0.03 MPa)
Pressione massima / Maximum pressure: **10 bar** (1 MPa)

Temperature / Temperatures

Temperatura minima / Minimum temperature: **-20 °C**
Temperatura massima / Maximum temperature: **+80 °C**

Filettature / Threads

Gas cilindrica conforme ISO 228 / Parallel gas in conformity with ISO 228.

Tubi di collegamento / Connection Tubes

Raccordi vari per impiantistica pneumatica.
Tubi metallici in genere.

Various types of fittings used on the pneumatic systems and metallic threaded tubes.

Fluidi compatibili / Fluids

Aria compressa / Compressed air.

ATTENZIONE!

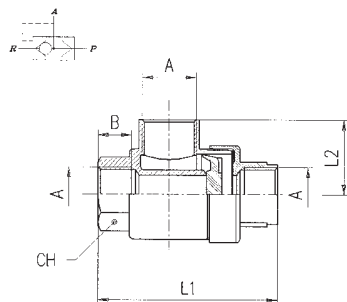
LO SCARICO IN AMBIENTE ESCLUDE L'UTILIZZO DELLA VALVOLA CON GAS TOSSICI, CORROSIVI, INFIAMMABILI.

ATTENTION!

THE FREE EXHAUST TO ATMOSPHERE DO NOT ALLOW TO USE THE VALVE WITH TOXICS, CORROSIVES AND INFLAMMABLES GAS.

6050

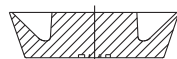
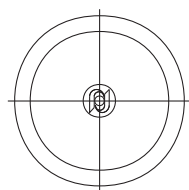
VALVOLA A SCARICO RAPIDO - QUICK EXHAUST VALVE



A	B	L1	L2	CH	Conf. Pack.
M5	4	25	10	17	25
1/8	8.5	42	19.5	15	25
1/4	11	54	25	19	10
3/8	12	60.5	26.5	22	10
1/2	15	72	32	26	10
3/4	18.5	88	37	32	5
1"	19	109	48	46	1

6052

TAMPONE PER VALVOLA A SCARICO RAPIDO IN NBR - PAD FOR QUICK EXHAUST VALVE MADE IN NBR

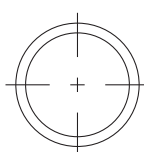
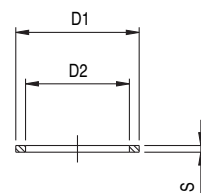


Misura/Size	Conf. Pack.
M5	25
1/8*	25
1/4*	25
3/8	10
1/2*	10
3/4*	5
1"	5

*A richiesta: In poliuretano per misure da 1/8 - 1/4 - 1/2 - 3/4
 *If required: 1/8 - 1/4 - 1/2 - 3/4 Size Made in Polyurethane

6053

GUARNIZIONE COPERCHIO - CAP SEAL

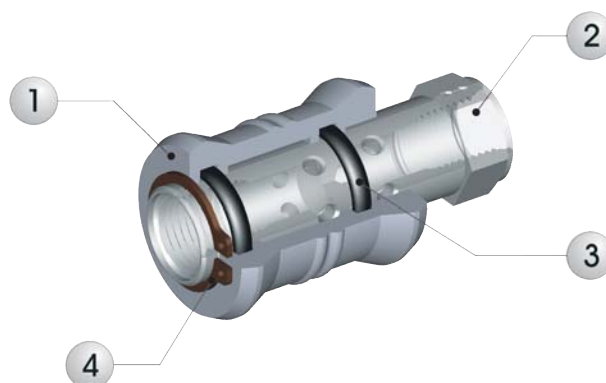
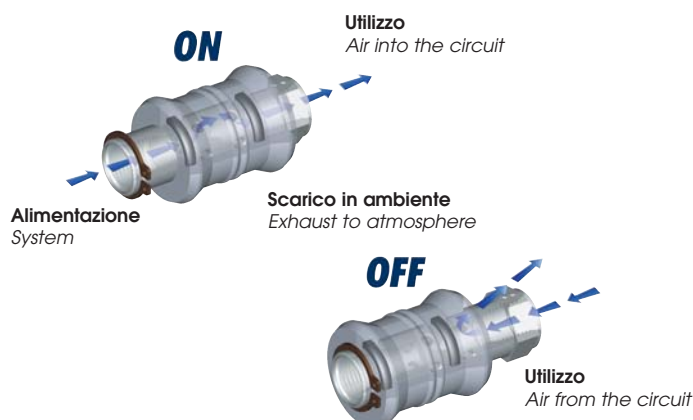


Misura/Size	D1	D2	S	Conf. Pack.
M5	15.8	13	1	25
1/8	24	20.2	1.3	25
1/4	29	25.4	1.5	25
3/8	33.5	28	1.5	10
1/2	38.8	34.5	1.5	10
3/4	43	38	1.5	5
1"	68.5	60.5	3.4	5

Valvole a Corsoio / Slide Valves

Le valvole a corsoio possono essere considerate valvole di intercettazione ON-OFF con la variante che in posizione di chiuso lasciano defluire l'aria dell'utilizzo in ambiente, scaricando quindi la pressione nell'impianto a valle. Nella posizione ON l'aria proveniente dall'impianto si convoglia verso l'utilizzo attraverso il collegamento dei fori radiali sullo stelo della valvola. Spostando il manicotto in posizione OFF si esclude il collegamento tra impianto e utilizzo e l'aria che si trova in quest'ultimo, defluisce automaticamente in ambiente per differenza di pressione.

The slide valve can be considered a reversing valves ON-OFF with the variant that in the closed position it allows the used air to flow out to atmosphere. More detailed: in the opened position the air which comes from the system directs itself towards the circuit across the connection of the radial holes on the stem of the valve. Throwing the sleeve in the closed position You leave out the connection of the radial holes and the air which is still in the circuit due to the difference of pressure with the atmosphere, flows out automatically.



Scheda Materiali / Specifications

- | | |
|-------------------------------------|-----------------------------------|
| 1 Manicotto in Alluminio anodizzato | 1 Grey anodized Aluminium Sleeve |
| 2 Stelo in Ottone cromato | 2 Chrome-Nickel plated Brass Stem |
| 3 Guarnizione O-Ring in NBR 70 | 3 NBR 70 O-RING Seals |
| 4 Seeger in acciaio | 4 Steel Seeger |

Pressioni / Pressures

Pressione minima / Minimum pressure: **0.3 bar** (0.03 MPa)
Pressione massima / Maximum pressure: **10 bar** (1 MPa)

Filettature / Threads

Gas cilindrica conforme ISO 228 / Parallel gas in conformity with ISO 228.

Tubi di collegamento / Connection Tubes

Raccordi vari per impiantistica pneumatica.
Tubi metallici in genere.

Various types of fittings used on the pneumatic systems and metallic threaded tubes.

Temperature / Temperatures

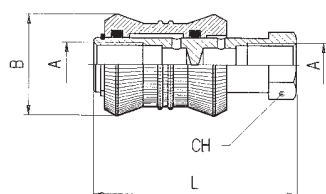
Temperatura minima / Minimum temperature: **-20 °C**
Temperatura massima / Maximum temperature: **+80 °C**

Fluidi compatibili / Fluids

Aria compressa / Compressed air.

6060

VALVOLA A CORSOIO - SLIDE VALVE

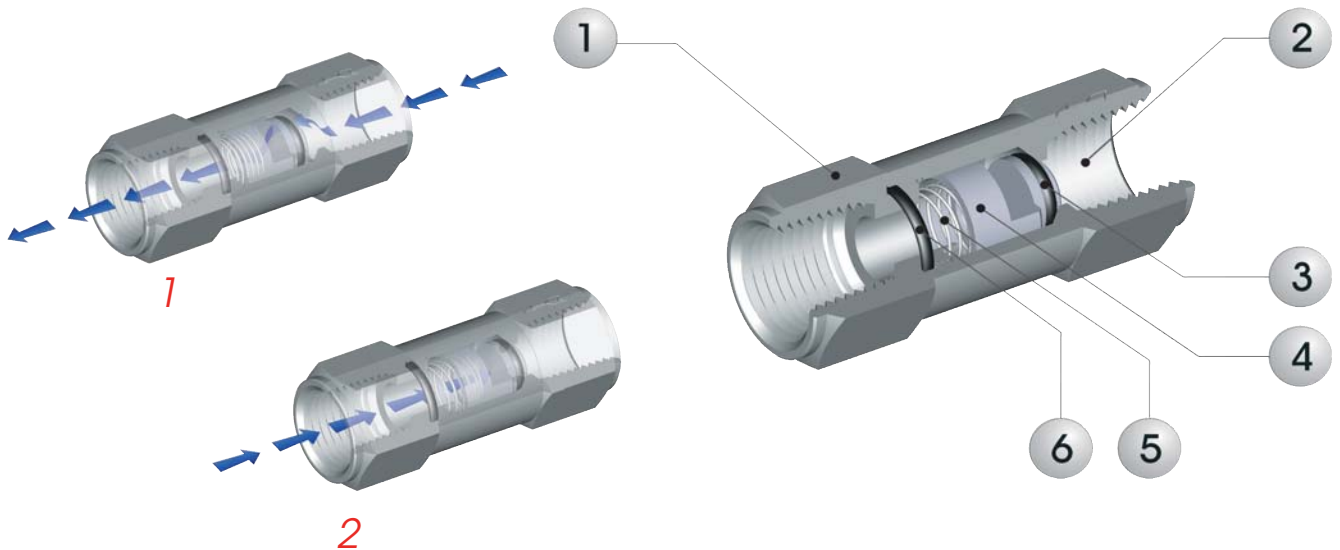


A	B	L	CH	Conf. Pack.
1/8	25	48	14	10
1/4	30	58	17	10
3/8	35	70	22	5
1/2	40	80	26	5

Valvole Unidirezionale o di Non Ritorno / Unidirectional Valves or Non Returne Valves

Questo tipo di valvole permette il libero passaggio in un solo senso (quello indicato dalla freccia) e lo impedisce nel senso contrario. Azionate direttamente dall'aria che le attraversa, vengono normalmente impiegate come dispositivi di sicurezza, consentendo di mantenere in pressione una parte del circuito pur mandando a scarico l'alimentazione.

This kind of valves allow the free passage in only one direction, the one showed with the arrow marked on the body. They do not allow the passage on the opposite way, i.e. non return. They operate directly with the air that goes through, they are normally used as safety device, permitting to keep pressure in a part of the circuit, also when the feeding pressure has been taked off.



Scheda Materiali / Specifications

- 1 Corpo in ottone nichelato
- 2 Attacco Terminale in ottone nichelato
- 3 Guarnizione O-Ring in NBR 70
- 4 Otturatore in ottone nichelato
- 5 Molla di mantenimento in acciaio AISI 302
- 6 Guarnizione O-Ring in NBR 70

- 1 Nickel-plated Brass Body
- 2 Nickel-plated Brass Valve Back Part
- 3 NBR 70 O-RING Seals
- 4 Nickel-plated Brass Shutter
- 5 Steel AISI 302 Keep spring
- 6 NBR 70 O-RING Seals

Pressioni / Pressures

Pressione minima / Minimum pressure: **2 bar** (0.2 MPa)
 Pressione massima / Maximum pressure: **8 bar** (0.8 MPa)
 Pressione indicativa apertura: **0.2 bar** (0,02 MPa)
 Approximate opening pressure: 0.2 bar (0,02 MPa)

Temperature / Temperatures

Temperatura minima / Minimum temperature: **-20 °C**
 Temperatura massima / Maximum temperature: **+80 °C**

Filettature / Threads

Gas cilindrica conforme ISO 228 / Parallel gas in conformity with ISO 228.

Tubi di collegamento / Connection Tubes

Raccordi vari per impiantistica pneumatica.
 Tubi metallici in genere.

Various types of fittings used on the pneumatic systems and metallic threaded tubes.

Fluidi compatibili / Fluids

Aria compressa / Compressed air.

ATTENZIONE!

LO SCARICO IN AMBIENTE ESCLUDE L'UTILIZZO DELLA VALVOLA CON GAS TOSSICI, CORROSIVI, INFIAMMABILI.

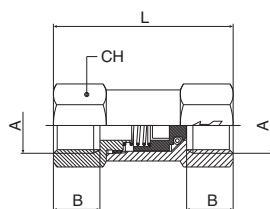
ATTENTION!

THE FREE EXHAUST TO ATMOSPHERE DO NOT ALLOW TO USE THE VALVE WITH TOXICS, CORROSIVES AND INFLAMMABLES GAS.

6062

VALVOLA UNIDIREZIONALE FEMMINA-FEMMINA - FEMALE-FEMALE NON RETURN VALVE

SU RICHIESTA O-RING IN FKM
IF REQUIRED FKM O-RING

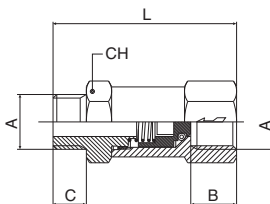
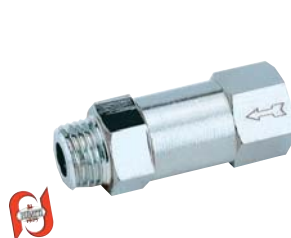


A	B	L	CH	Conf. Pack.
M5	5.5	26.5	8	10
1/8	8.5	35.5	13	10
1/4	11	43	17	10
3/8	12	58	24	10
1/2	15	63	24	10

6063

VALVOLA UNIDIREZIONALE MASCHIO-FEMMINA - MALE-FEMALE NON-RETURN VALVE

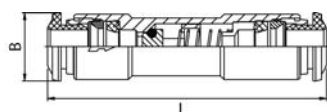
SU RICHIESTA O-RING IN FKM
IF REQUIRED FKM O-RING



A	B	C	L	CH	Conf. Pack.
M5	5.5	4	34.5	8	10
1/8	8.5	6	37.5	14	10
1/4	11	8	46.5	17	10
3/8	12	9	61	24	10
1/2	15	10	64	24	10

6064

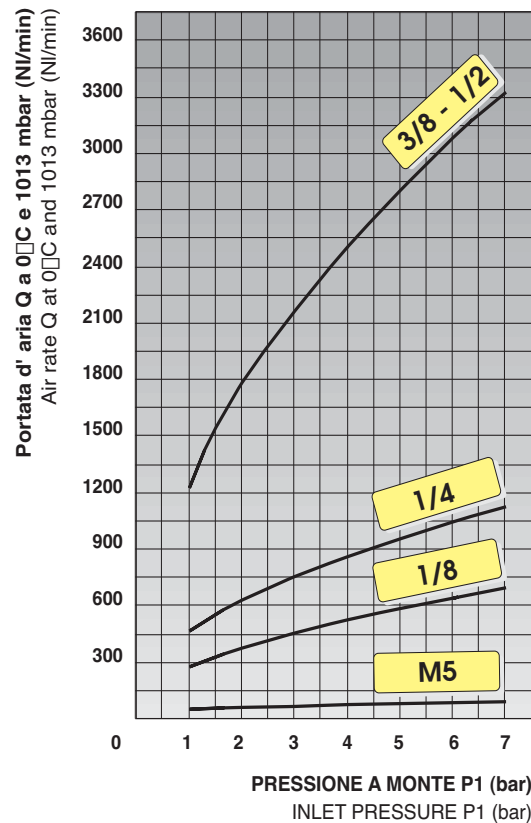
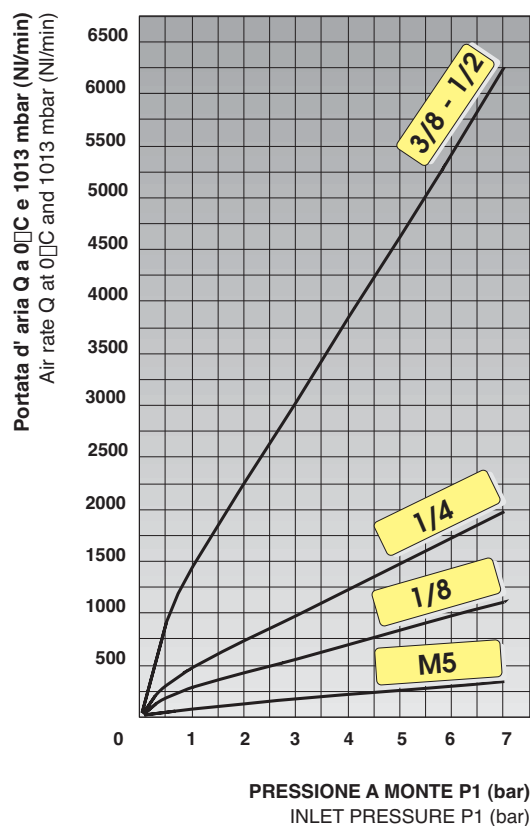
VALVOLA UNIDIREZIONALE ATTACCO AUTOMATICO TUBO-TUBO - TUBE-TUBE PUSH-IN CONNECTIONS NON-RETURN VALVE



Caratteristiche di flusso con scarico
d'aria libero

TUBO / TUBE	L	B	Conf. Pack.
4	44.5	10	10
6	52	12.5	10
8	56	14	10

Caratteristiche di flusso con perdite
di carico di 1 bar



Valvola di Blocco / Block Valve

Le valvole di blocco Aignep sono dispositivi a pilotaggio pneumatico per il controllo del movimento di un cilindro. Montate direttamente sugli attacchi di ingresso ed uscita del cilindro consentono di bloccare la corsa del pistone in caso di caduta di pressione del pilotaggio.

Sono utilizzate come sistema di sicurezza: in caso di arresto di emergenza, rottura di un tubo o mancanza d'aria bloccano i dispositivi movimentati dai cilindri evitando danneggiamenti delle parti o rischi di lesioni per gli operatori. E' possibile utilizzarle anche per arrestare lo stelo in posizioni intermedie quando le applicazioni richiedono questa soluzione.

Versioni: sono disponibili nella versione unidirezionale e bidirezionale.

Portata: le valvole sono a passaggio totale poiché non vi sono riduzioni di sezione ed il flusso non attraversa la molla.

Compattezza e versatilità: gli ingombri sono molto ridotti ed è possibile orientare sia la connessione filettata che il supporto dell'attacco del tubo per il pilotaggio.

Attacco filettato: è possibile connettere un regolatore di flusso all'ingresso della valvola per la regolazione della velocità del cilindro.



The AIGNEP's block valves are pneumatic driving devices used to control the movement of the cylinder. Assembled directly on the inlet and outlet ports of the cylinder allow to lock the piston stroke in case of pressure drop of the driving. They are used as safety devices in case of emergency stop, brake of a tube or air missing, they lock the apparatus moved by the cylinder avoiding damages to the devices or injury risks for the runners. It is also possible to use them to stop the piston into intermediate positions whenever the application requires such solutions.

Versions: They are available in uni-direction and bi-directional versions

Flow rate: These valves are full bore, there do not have reduction of section and the flow does not pass through the spring.

Compactness and Versatility: The overall dimensions are extremely reduced and it is possible to orient both the threaded connection as well as the hose connection for the driving.

Threaded connection: It is possible to connect the flow regulator at the inlet of the valve in order to adjust the speed of the cylinder.



Caratteristiche Tecniche / Technical Characteristics

Misura / Size

Pressione d'esercizio / Working pressure

Temperatura d'esercizio / Working temperature

Portata nominale (6 bar) / Flow rate (6 bar)

Diametro nominale / Orifice

Fluido / Fluids

1/8

1/4

Min. 0.3 – Max. 10 bar

Min. -20°C Max. +80°C

750 NI/min

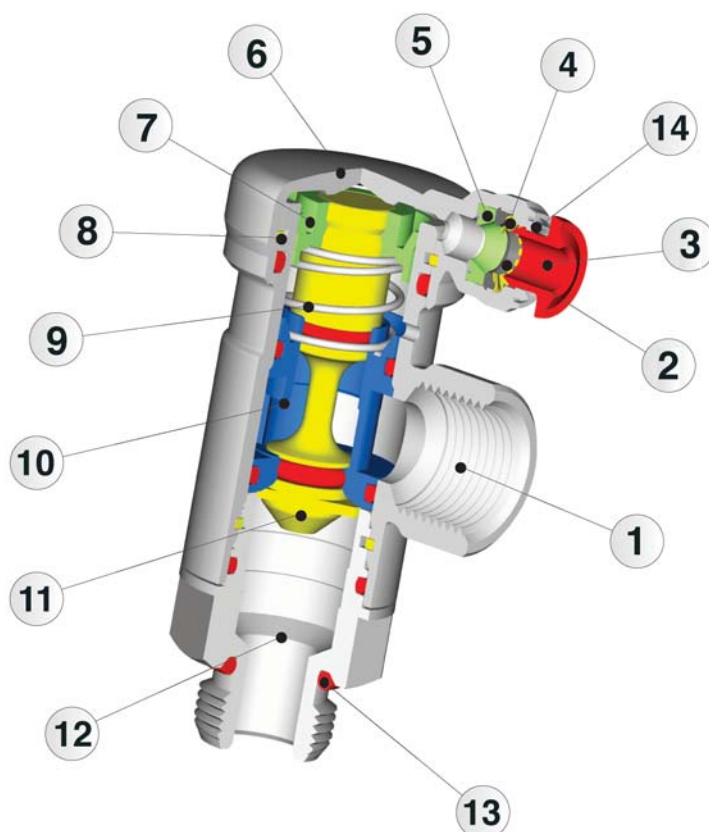
1420 NI/min

Ø5.5

Ø8

**Aria filtrata lubrificata o
non lubrificata**

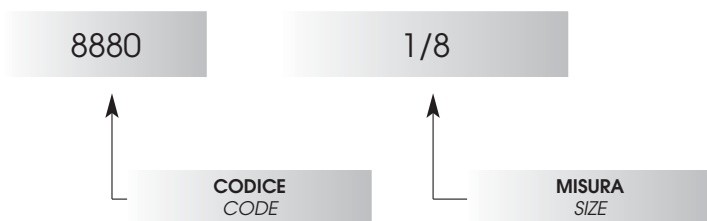
*Filtered and lubricated compressed air
as well as non lubricated air*



Scheda Materiali / Specifications

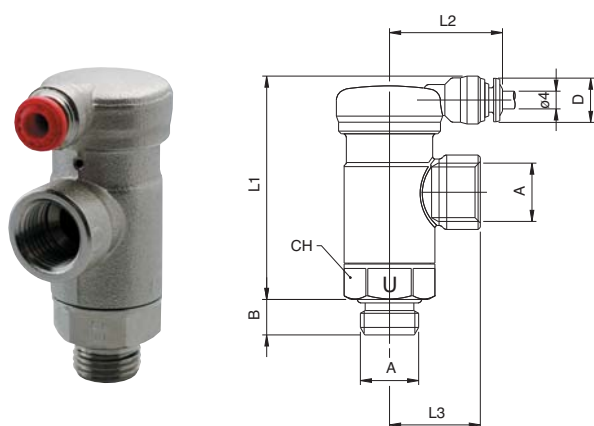
- | | |
|---|---|
| 1 Corpo in Ottone Nichelato | 1 Nickel plated brass Body |
| 2 Anello di sicurezza in tecnopolimero | 2 Tecnopolymeric Safety ring |
| 3 Spintore sgancio tubo in Resina Acetalica | 3 Acetalic Resin Collect |
| 4 Pinza d'aggraffaggio in acciaio INOX AISI 301 | 4 Steel Clamping Washer INOX AISI 301 |
| 5 Guarnizione a labbro in NBR 70 | 5 NBR 70 Lip seal |
| 6 Coperchio orientabile in Ottone Nichelato | 6 Nickel plated brass Orienting Cover Cap |
| 7 Guarnizione a labbro in Poliuretano | 7 Polyuretane Lip seal |
| 8 Seeger in Bronzo | 8 Bronze Seeger |
| 9 Molla in acciaio INOX AISI 302 | 9 Steel Spring |
| 10 Supporto otturatore in Ottone | 10 Brass Shutter Support |
| 11 Otturatore in Ottone | 11 Brass Shutter |
| 12 Basetta orientabile in Ottone Nichelato | 12 Nickel plated brass Orienting Base |
| 13 Guarnizioni in NBR 70 | 13 NBR 70 O-RING |
| 14 Capsula in ottone nichelato | 14 Nickel plated brass Capsule |

Esempio D'ordine / How to Order



8880

VALVOLA DI BLOCCO UNIDIREZIONALE - BLOCK VALVE UNIDIRECTIONAL COUPLING

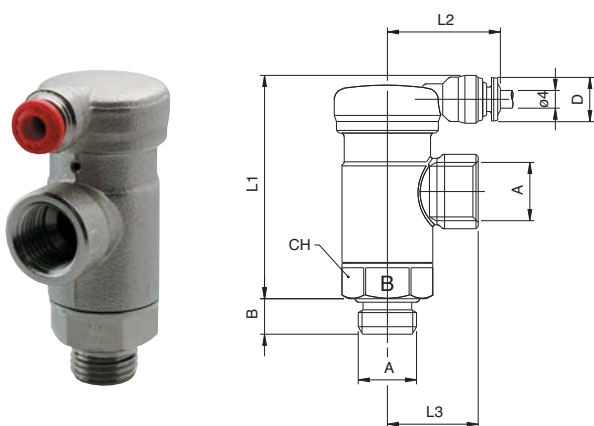


A	B	L1	L2	L3	CH	D	Conf. Pack.
1/8	6	50	25	18.5	18	10	5
1/4	8	50.5	25	20.5	18	10	5

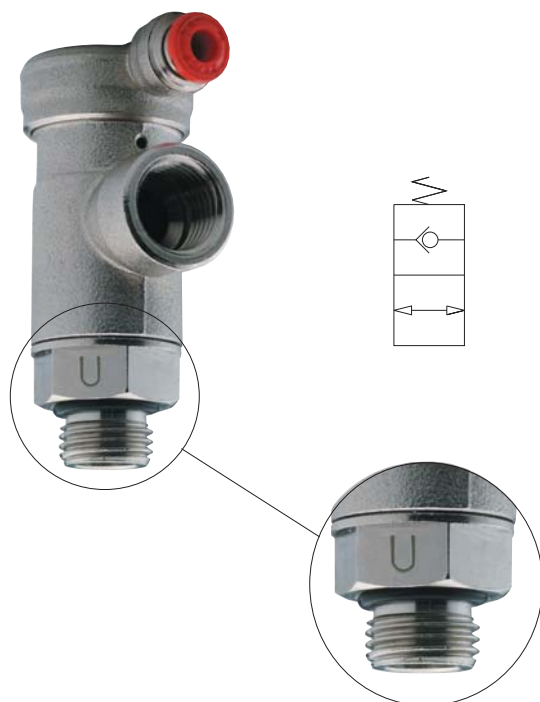


8890

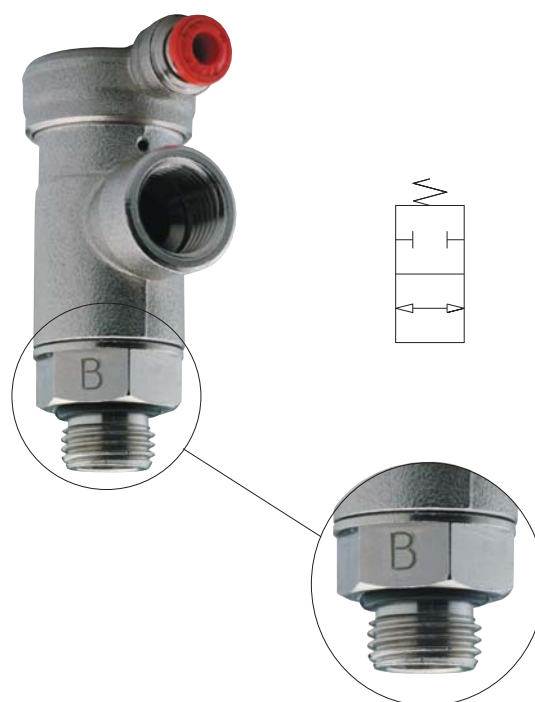
VALVOLA DI BLOCCO BIDIREZIONALE - BLOCK VALVE BIDIRECTIONAL COUPLING



A	B	L1	L2	L3	CH	D	Conf. Pack.
1/8	6	50	25	18.5	18	10	5
1/4	8	50.5	25	20.5	18	10	5



Codice Articolo: 8880
Article Code: 8880



Codice Articolo: 8890
Article Code: 8890

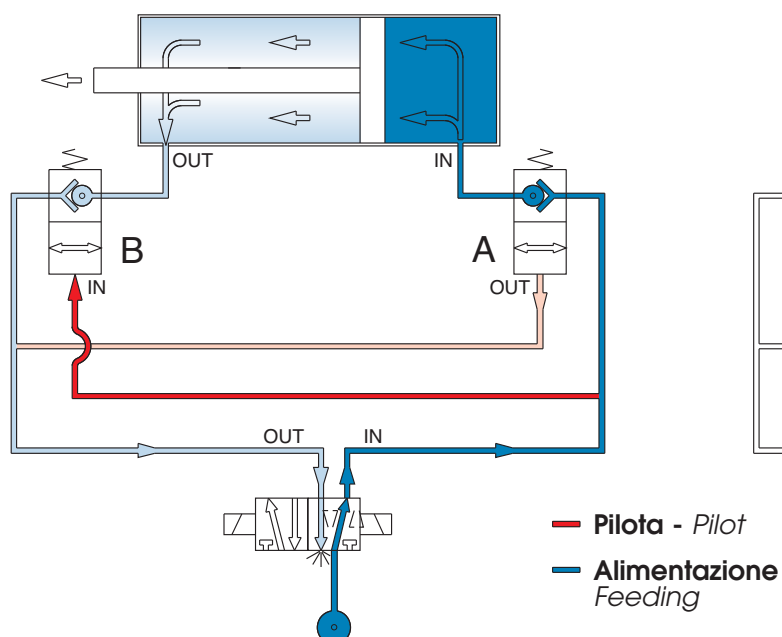
Valvola di Blocco Unidirezionale 8880 / Unidirectional Block Valve 8880

Circuito Pneumatico

Pneumatic Circuit

Cilindro in Movimento

Cylinder in action

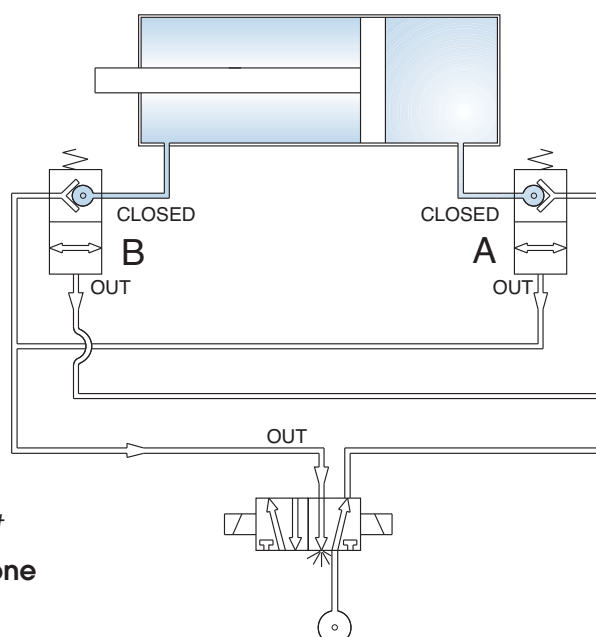


Alimentando la valvola di blocco A ed il pilota B si consente il moto del pistone in una direzione; alimentando la valvola di blocco B ed il pilota A si consente il moto del pistone nella direzione opposta.

Feeding the block valve A and the pilot B you allow the movement of the piston in one direction; feeding the block valve B and the pilot A you allow the movement of the piston in the opposite direction.

Cilindro Bloccato

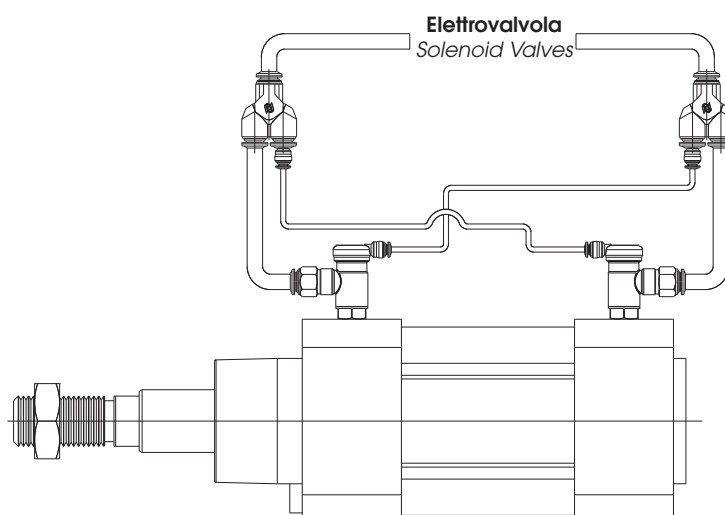
Stopped Cylinder



Togliendo l'alimentazione all'intero circuito (per es. in caso di emergenza) le valvole di blocco arrestano il cilindro nella posizione in cui si trova, anche in caso che allo stelo siano applicati dei carichi.

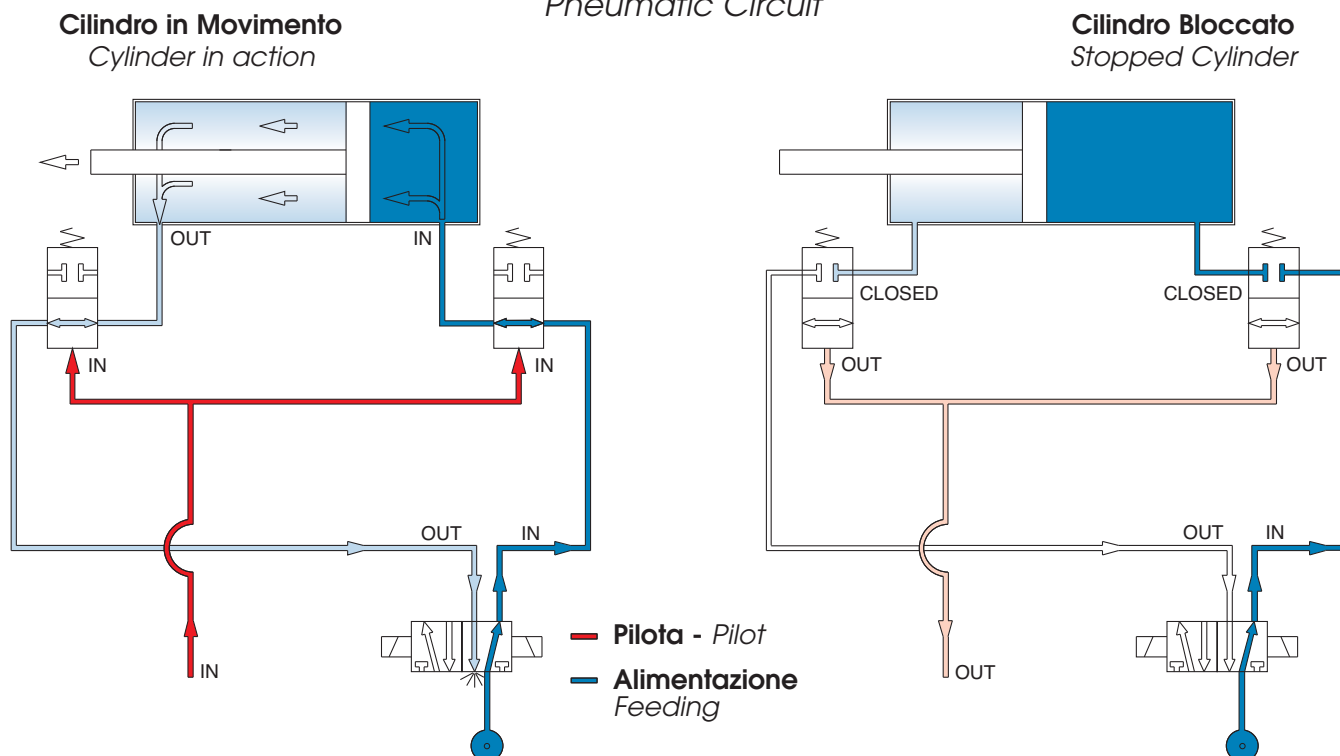
Taking away the feeding within the circuit (for example in case of emergency) the block valves lock the cylinder into the position where it is at that moment, even if at the piston are attached some loads.

Installazione / Installation



Valvola di Blocco Bidirezionale 8890 | Bidirectional Block Valve 8890

Circuito Pneumatico Pneumatic Circuit



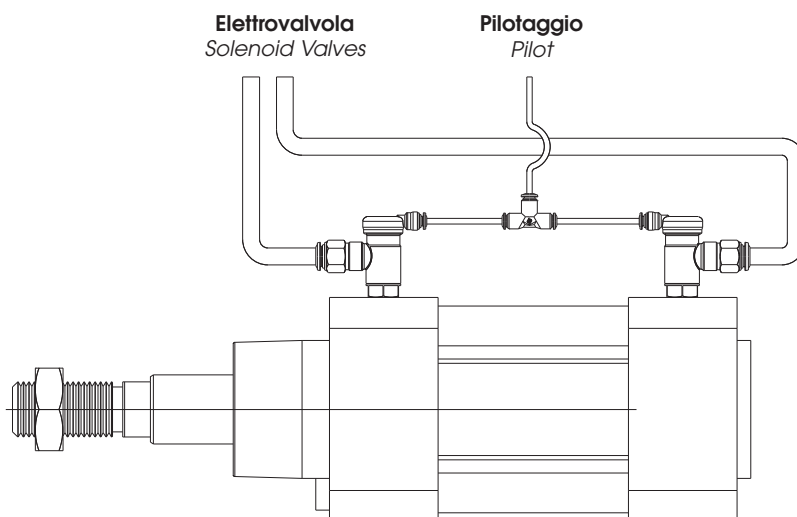
Il circuito di pilotaggio ed il circuito di alimentazione del cilindro sono indipendenti. Alimentando il circuito di pilotaggio le valvole di blocco permettono il movimento alternato del cilindro.

The driving circuit and the feeding circuit of the cylinder are independent. Feeding the driving circuit the block valves allow the alternate movement of the cylinder.

Togliendo l'alimentazione al circuito di pilotaggio le valvole di blocco arrestano il cilindro nella posizione in cui si trova, anche in caso che allo stelo siano applicati dei carichi.

Taking away the feeding to the driving circuit the block valves lock the cylinder into the position where it is at that moment, even if at the piston are attached some loads.

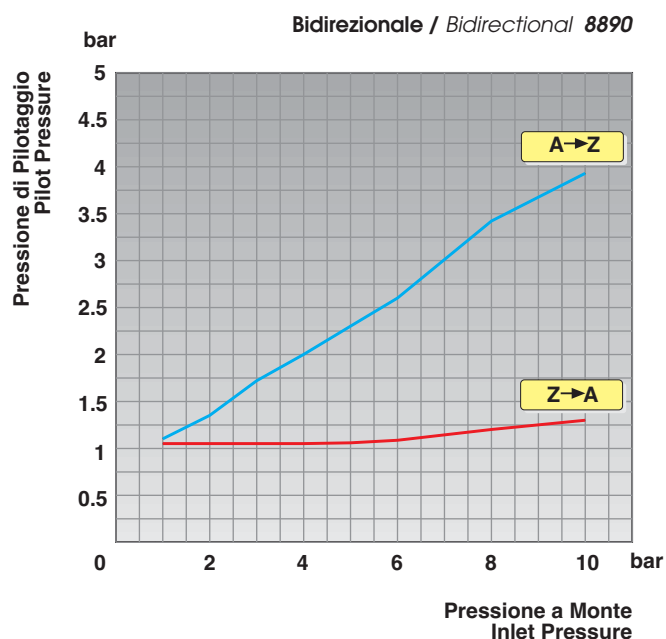
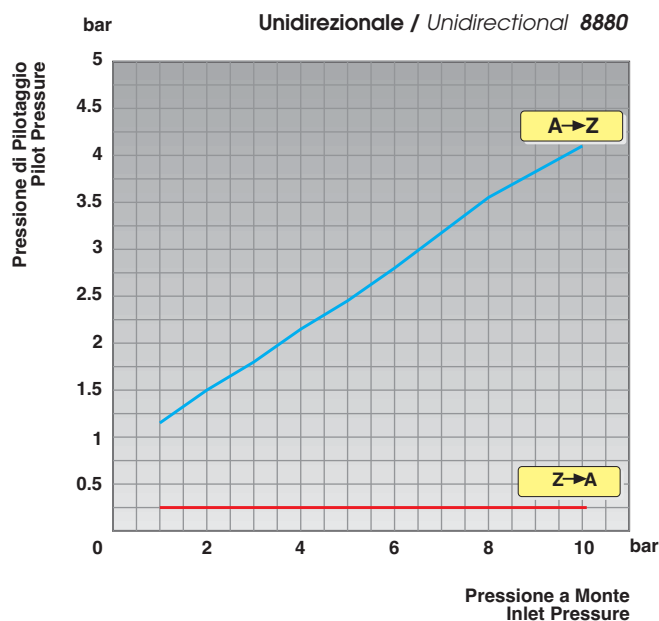
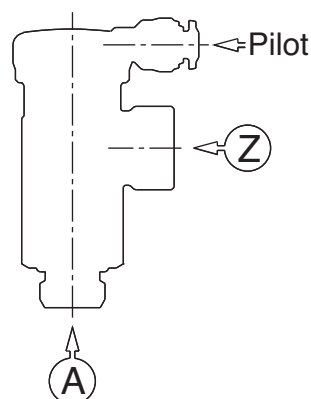
Installazione | Installation



Pressione di Pilotaggio / Pilot Pressure

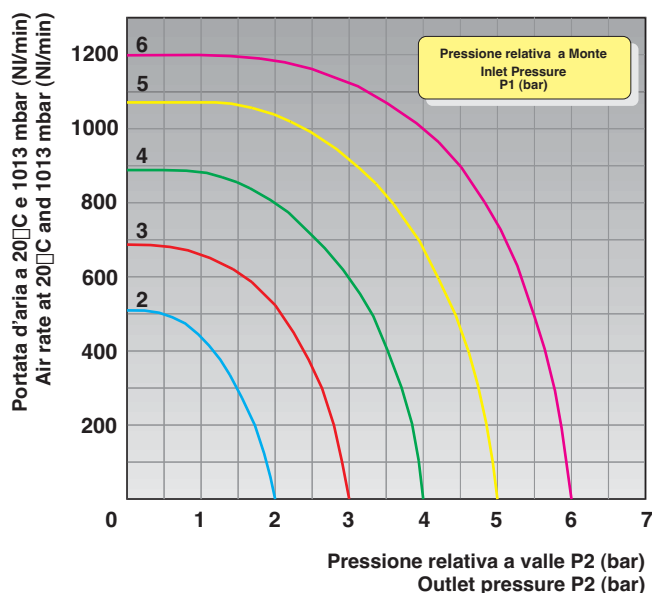
Pressione minima del Pilota per azionare la valvola, in relazione alla pressione a monte.

Pilot minimum pressure to feed the valve compared to the inlet pressure.



Curve caratteristiche di flusso / Characteristic curves of flow

Misura / Size 1/8



Misura / Size 1/4

