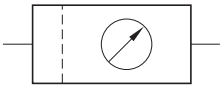
mini filtroregolatore G1/4"

mini G1/4" filter-regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 μm
- Manometro incorporato 0 ... 12 bar
  Embedded manometer 0 ... 12 bar
- Installazione in linea o a pannello; staffa di fissaggio e ghiera a richiesta
  In-line or panel mounting; mounting bracket and ring on request



CODICE DI ORDINAZIONE *ORDER CODE*			**FR 2MK-08-05-S** **16.300.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.23 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 12 bar; 1.2 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1000 Nl/min

Materiali

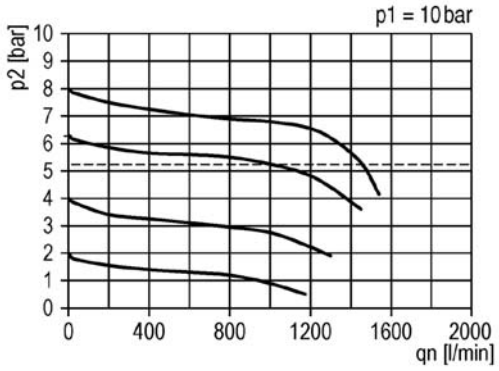
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza: policarbonato

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Bowl: polycarbonate

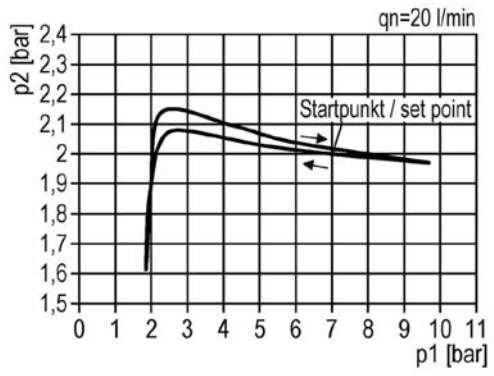
Caratteristiche di portata

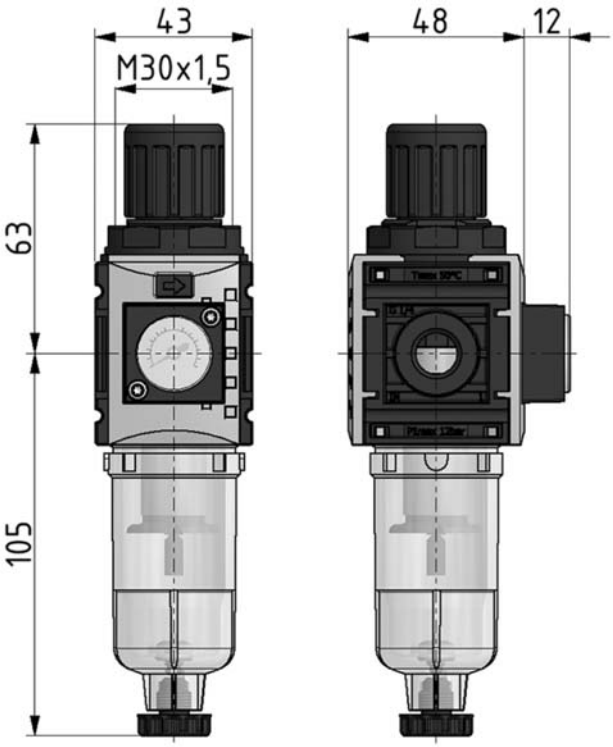
Flow characteristics



Isteresi

Hysteresis



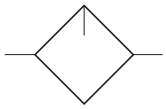


mini lubrificatore G1/4"

mini G1/4" lubricator

- Lubrificatore venturi con compensazione automatica della portata
  Oil mist lubricator with flow compensation
- Rifornimento olio manuale anche in presenza di pressione
  Manual oil refilling, possible also in presence of pressure
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Capacità tazza: 35 cm³
  Bowl capacity: 35 cm³

CODICE DI ORDINAZIONE *ORDER CODE*			**LUB 2MK-00** **16.299.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.15 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	1.5 bar; 0.15 MPa 12 bar; 1.2 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1400 Nl/min



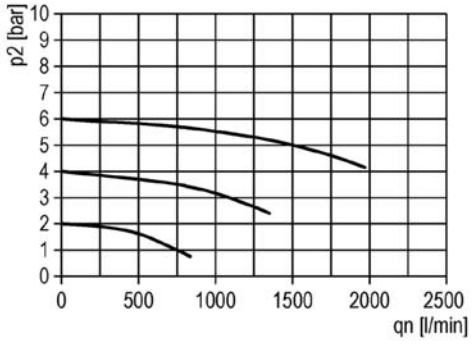
Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza: policarbonato

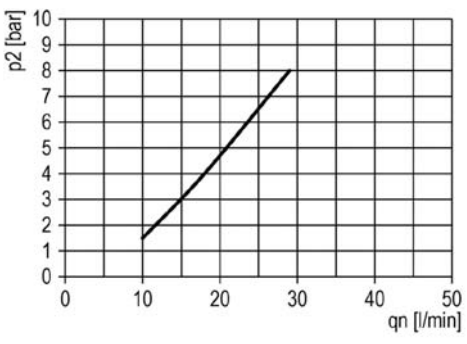
Materials

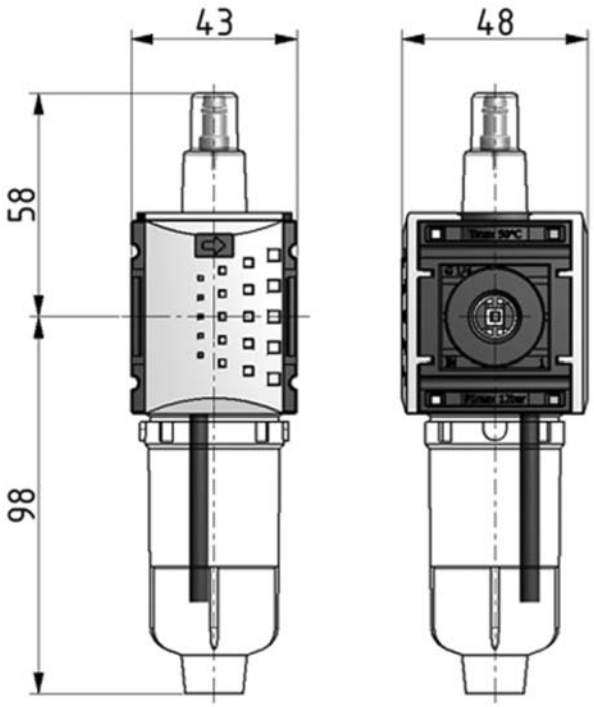
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Bowl: polycarbonate

Caratteristiche di portata
Flow characteristics



Rapporto olio/aria
Oil/air ratio





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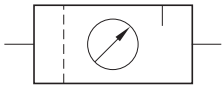
mini gruppo trattam. aria FR+L G1/4"

mini G1/4" FR+L air preparation unit

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 μm
- Manometro incorporato 0 ... 12 bar; capacità tazza: 35 cm³
  Embedded manometer 0 ... 12 bar; bowl capacity: 35 cm³
- Installazione in linea o a pannello; staffa di fissaggio e ghiera a richiesta
  In-line or panel mounting; mounting bracket and ring on request

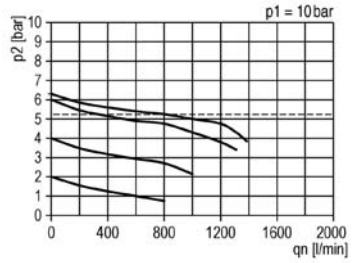


CODICE DI ORDINAZIONE *ORDER CODE*			**FR+L 2MK-08-05-S** **16.298.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.39 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 12 bar; 1.2 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	600 Nl/min

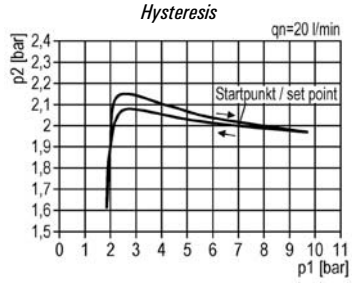
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza: policarbonato

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Bowl: polycarbonate

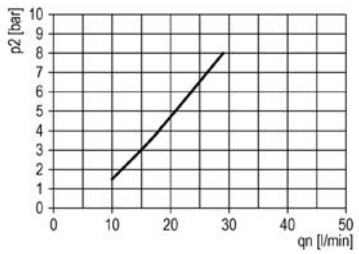
Caratteristiche di portata
Flow characteristics

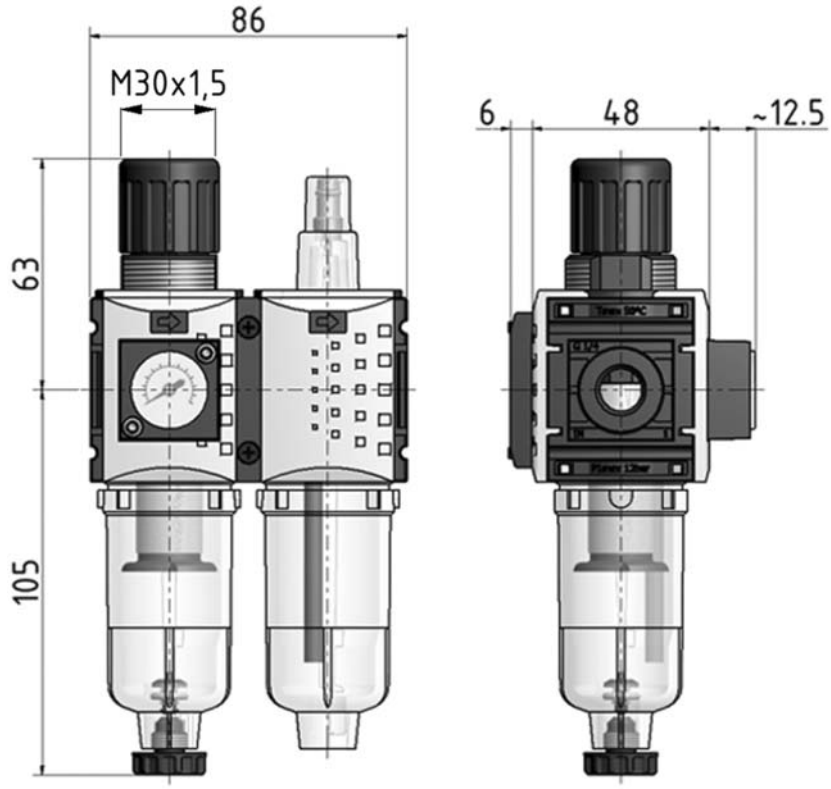


Isteresi
Hysteresis



Rapporto olio/aria
Oil/air ratio





mini avviatore progressivo G1/4"

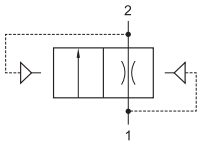
mini G1/4" slow-start valve

Modalità di funzionamento

La valvola fornisce a un circuito pneumatico aria a pressione progressivamente crescente fino a raggiungere la metà della pressione di rete nel tempo impostato con la vite di regolazione integrata. Durante questa fase non devono essere attivi gli elementi del circuito che consumano aria. Raggiunta la soglia di commutazione, l'avviatore progressivo passa automaticamente a fornire la pressione di rete.
L'avviatore progressivo impedisce eventuali movimenti improvvisi dei dispositivi pneumatici montati nel circuito, che si potrebbero avere se venisse fornita immediatamente la pressione di rete.

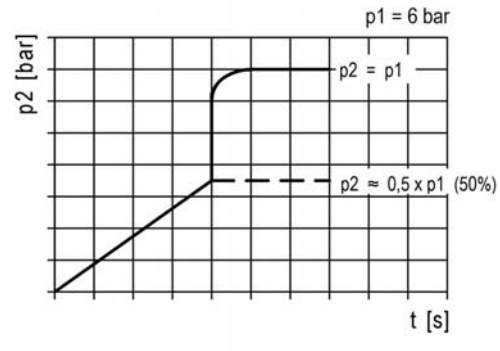
Valve operation

The valve applies to a pneumatic circuit a progressively increasing pressure over a period of time set by the integrated screw. During this phase no air consumption is allowed in the circuit. After having reached the half of the system pressure, the slow-start valve begins to automatically feed the circuit with the system pressure.
The slow-start valve prevents from unexpected motions of the pneumatic devices in the circuit, which could happen by applying directly the system pressure.

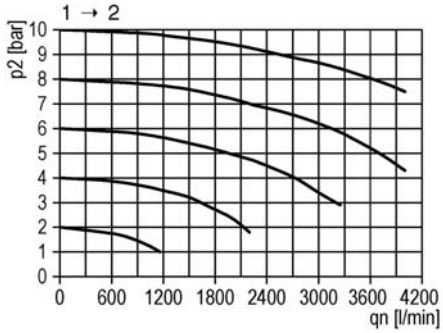


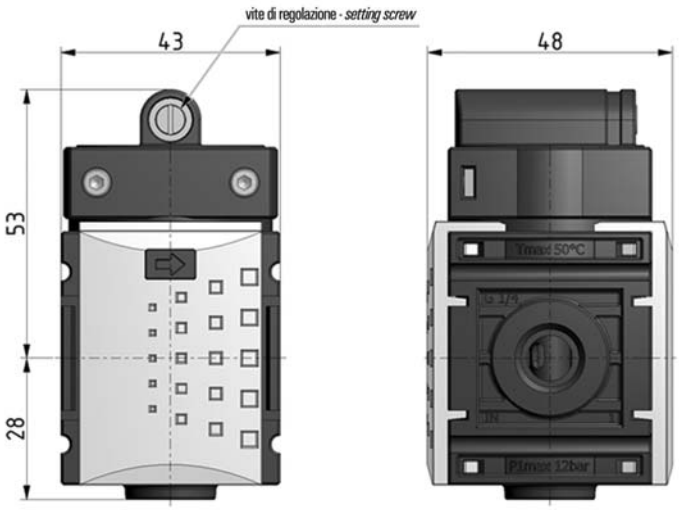
CODICE DI ORDINAZIONE *ORDER CODE*			**AVP 2MK-00** **16.290.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.14 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2.5 bar; 0.25 MPa 12 bar; 1.2 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min

Rapporto tempo/pressione
Time/pressure ratio



Portata in scarico
Exhaust flow rate





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

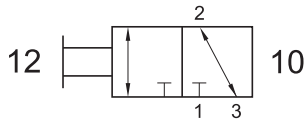
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

mini valv. sezionamento circuito 3/2 G1/4"

mini 3/2 G1/4" shut-off valve

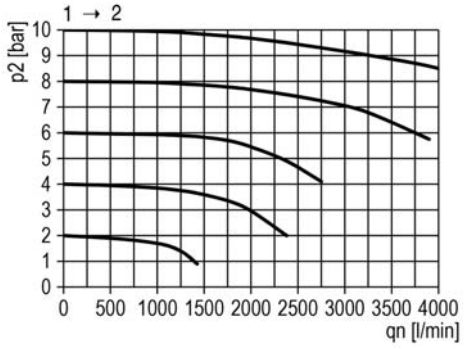
- Elemento modulare ad alte prestazioni
  High performance modular element
- Elevata portata in scarico
  High exhaust flow rate
- Comando manuale; possibilità di chiusura a lucchetto
  Manual actuation; it can be secured with a padlock
- Installazione in qualsiasi posizione
  Installation in any position



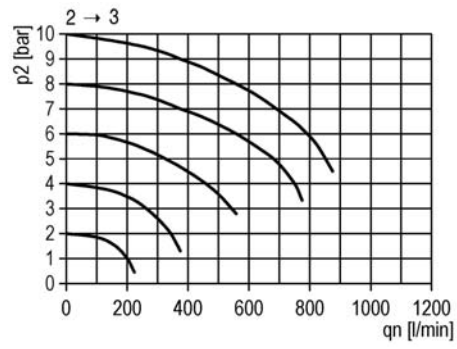
CODICE DI ORDINAZIONE *ORDER CODE*		**SR-M2MK** **16.293.0**
Attacchi *Ports*		G1/4"
Temperatura di esercizio *Temperature range*		0 ... +50°C
Peso *Weight*		0.1 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2300 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	300 Nl/min

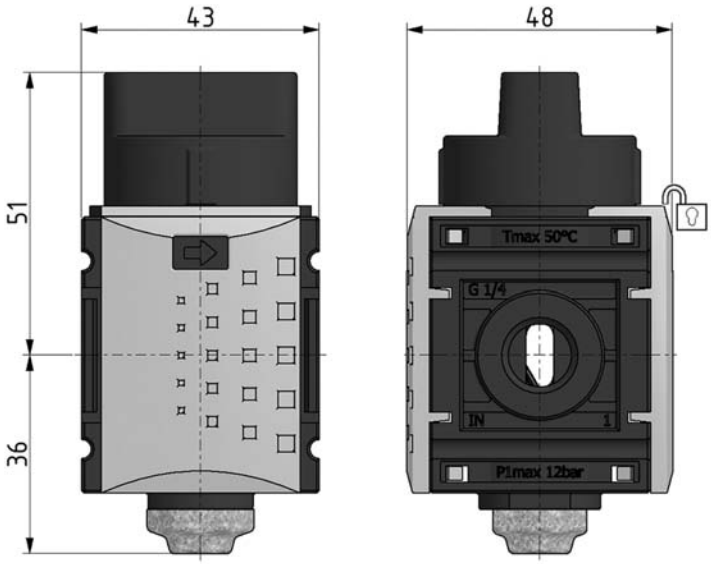
7

Portata in entrata
Inlet flow rate



Portata in scarico
Exhaust flow rate





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

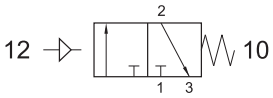
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

mini valvola di scarico rapido 3/2 G1/4"

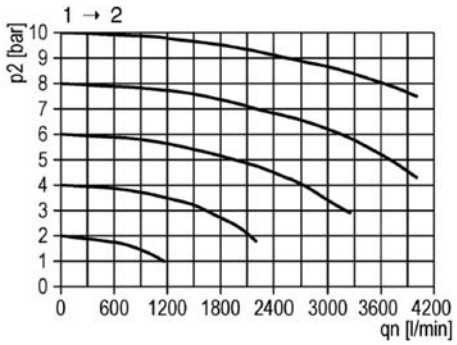
mini 3/2 G1/4" quick exhaust valve

- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando pneumatico**
  Pneumatically actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate

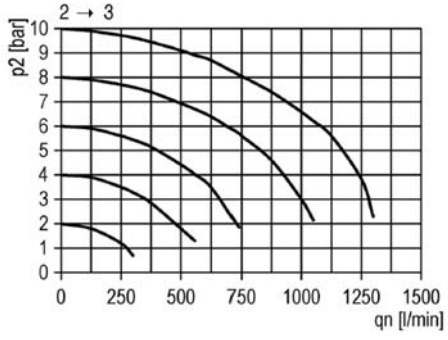


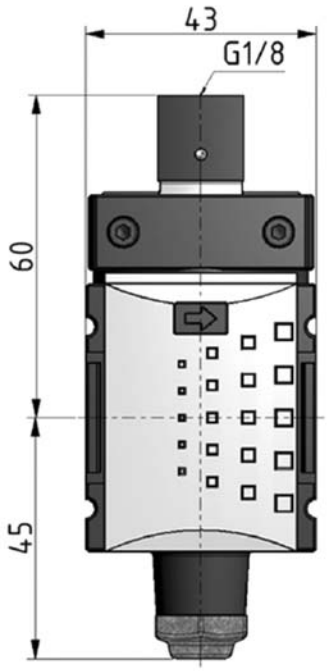
CODICE DI ORDINAZIONE *ORDER CODE*			**SCR 2MK-P** **16.291.0**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.2 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2 bar; 0.2 MPa 12 bar; 1.2 MPa
Portata massima in entrata *Inlet maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*		Q_{max}	400 Nl/min

Portata in entrata
Inlet flow rate



Portata in scarico
Exhaust flow rate





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

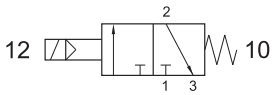
La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

7

mini valvola di scarico rapido 3/2 G1/4"

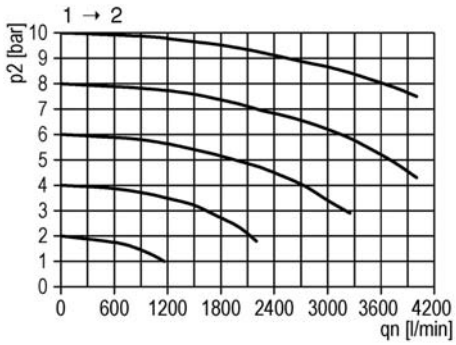
mini 3/2 G1/4" quick exhaust valve

- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando elettrico**
  Solenoid actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate

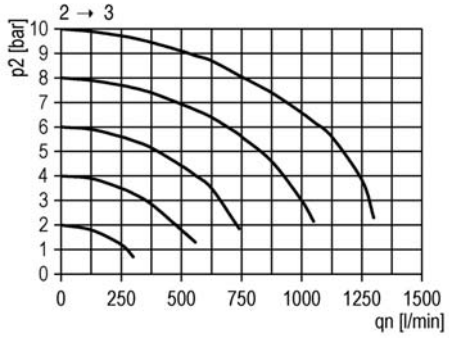


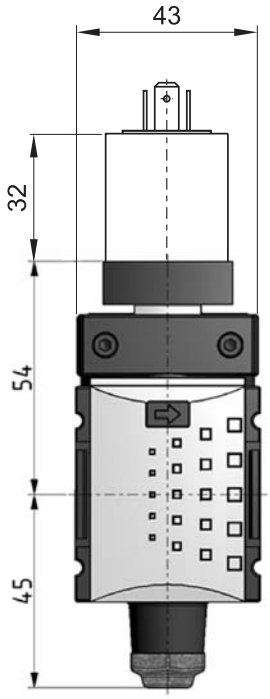
CODICE DI ORDINAZIONE *ORDER CODE*			**SCR 2MK-E** **16.292.3**
Attacchi *Ports*			G1/4"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Peso *Weight*			0.25 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2 bar; 0.2 MPa 10 bar; 1 MPa
Portata massima in entrata *Inlet maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*		Q_{max}	400 Nl/min

Portata in entrata
Inlet flow rate



Portata in scarico
Exhaust flow rate





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Il prodotto è venduto senza bobina, da acquistarsi separatamente (vedi pag. 357).
The product is sold without coil, which is bought separately (refer to page 357).

PRESA D'ARIA

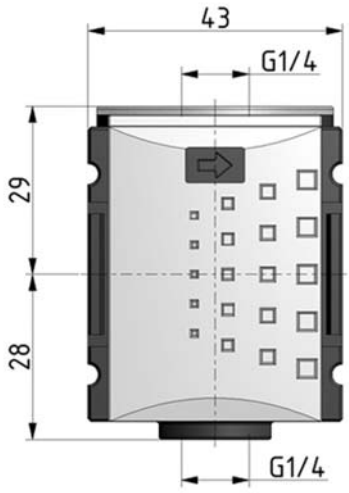
porting block

Può essere utilizzata per prelevare aria non lubrificata e/o non regolata

It can be used to provide unlubricated and/or unregulated air

G1/4"
MINI

PAI 2MK-00
16.294.0



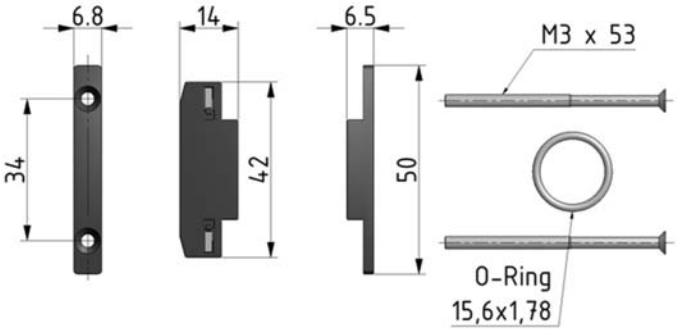
KIT MONTAGGIO

coupling kit

KIT 2MK-00

16.296.0

G1/4"



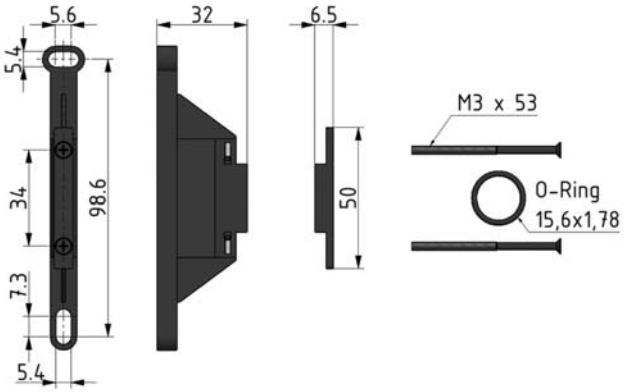
KIT MONTAGGIO CON STAFFA DI FISSAGGIO

coupling kit with mounting bracket

KIT 2MK-01

16.295.0

G1/4"



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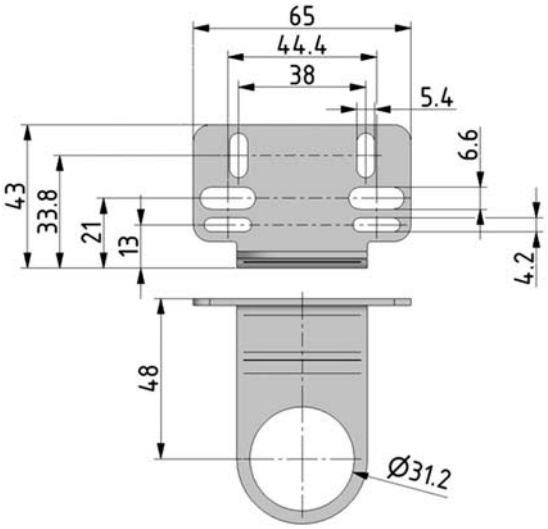
STAFFA DI FISSAGGIO

mounting bracket

STF 2MK

16.297.0

G1/4"

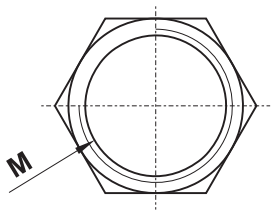


GHIERA DI FISSAGGIO

mounting ring

16.044.0

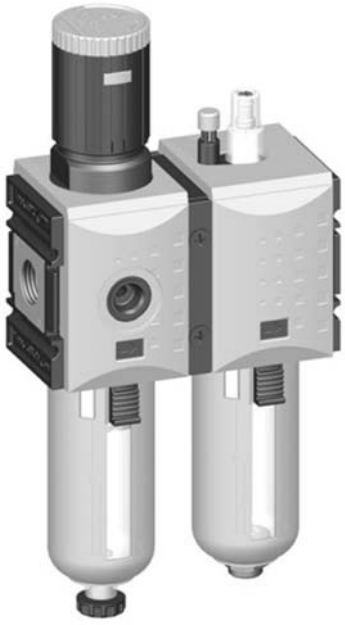
G1/4"



M = M30x1.5

gruppi trattamento aria
G1/4”-G3/8”-G1/2”-G1”

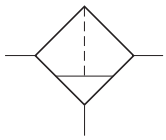
air preparation units
G1/4”-G3/8”-G1/2”-G1”



filtro separatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-water-separator

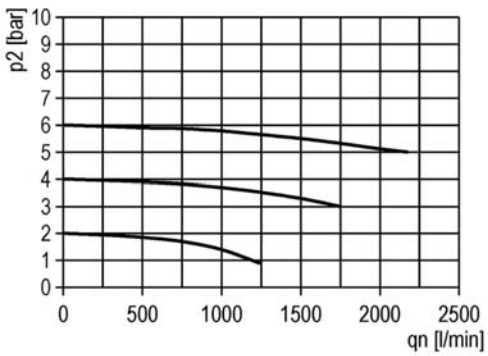
- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
  Cyclone system and filter element
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico della condensa semiautomatico
  Semi-automatic moisture exhaust
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Protezione della tazza di serie
  Bowl protection already mounted
- A richiesta disponibile con filetti NPT
  On request available with NPT threads



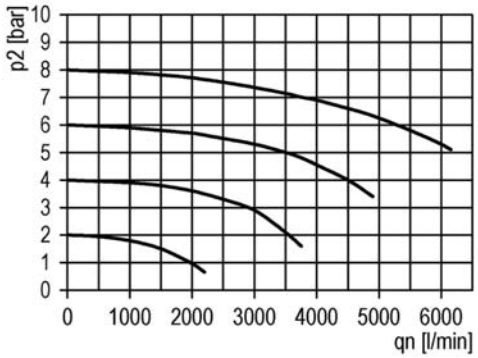
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*	**FIL 2K-05-S** **16.302.0**	**FIL 3K-05-S** **16.342.0**	**FIL 4K-05-S** **16.322.0**
	scarico automatico *automatic moisture exhaust*	**FIL 2K-05-A** **16.100.3**	**FIL 3K-05-A** **16.101.3**	**FIL 4K-05-A** **16.102.3**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.25 kg	0.25 kg	0.4 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min	2000 Nl/min	3500 Nl/min
Elemento filtrante *Filter element*		5 μm	5 μm	5 μm

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"



G1/2"

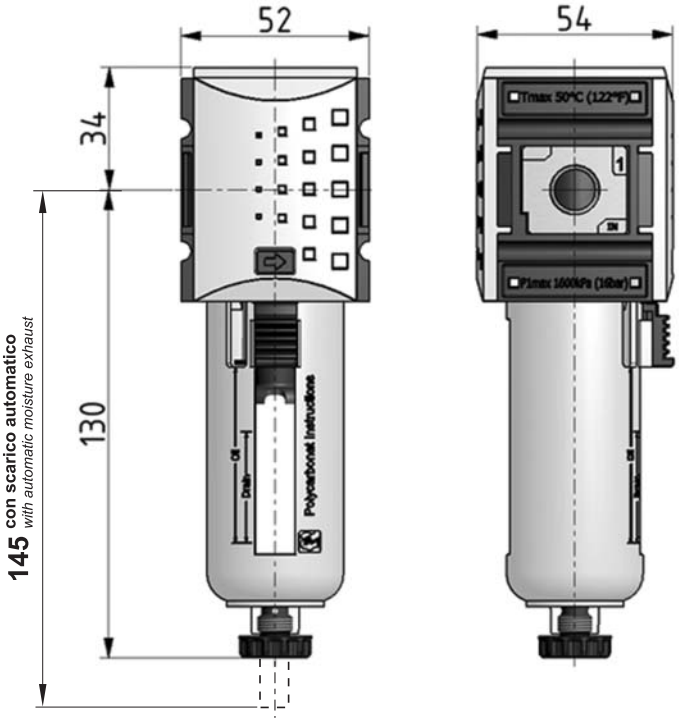


filtro separatore G1/4"-G3/8"-G1/2"

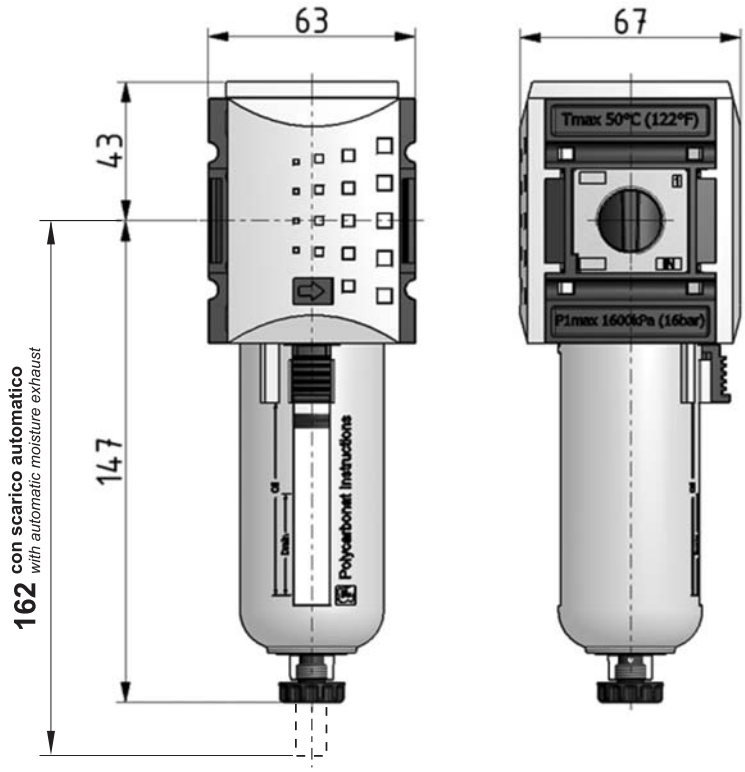
G1/4"-G3/8"-G1/2" filter-water-separator

FIL 2K-05-S **FIL 2K-05-A**

FIL 3K-05-S **FIL 3K-05-A**



FIL 4K-05-S **FIL 4K-05-A**



Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

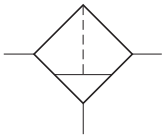
La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

7

microfiltro-depuratore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" sub-micro-filter

- Elementi filtranti speciali ad altissime prestazioni
  Special filter elements with very high performances
- Grado di filtrazione: 99.999%
  Degree of filtration: 99.999%
- Olio residuo: 0.01 mg/m³ (concentrazione in entrata: 3 mg/m³)
  Residual oil: 0.01 mg/m³ (input concentration: 3 mg/m³)
- Installazione verticale
  Vertical installation
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
  Bowl protection already mounted. On request available with NPT threads



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

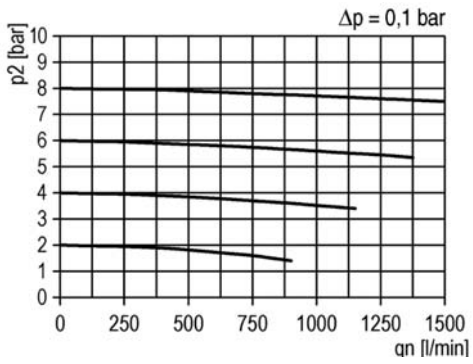
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

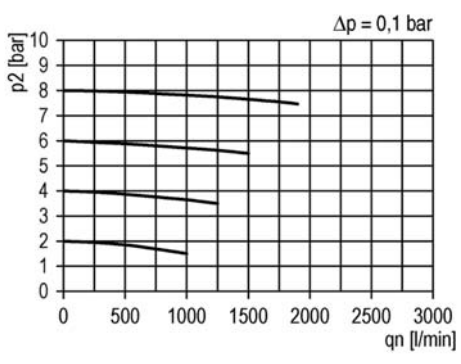
CODICE DI ORDINAZIONE *ORDER CODE*		**MFIL 2K-S** **16.306.0**	**MFIL 3K-S** **16.346.0**	**MFIL 4K-S** **16.326.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.29 kg	0.29 kg	0.44 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata raccomandata p = 6 bar a 25 m/s *Recommended flow rate p = 6 bar at 25 m/s*	Q_n	350 Nl/min	350 Nl/min	450 Nl/min
Caduta di pressione a filtro nuovo *Pressure drop with new filter element*		0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo *Pressure drop with saturated filter element*		0.3 bar	0.3 bar	0.3 bar

G1/4"-G3/8"

Caratteristiche di portata
Flow characteristics



G1/2"



7

microfiltro-depuratore G1/4"-G3/8"-G1/2"

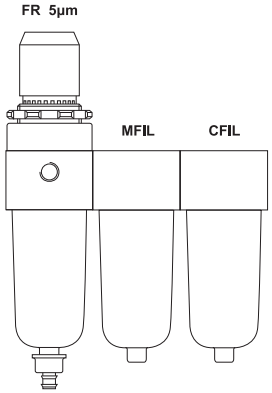
G1/4"-G3/8"-G1/2" sub-micro-filter

Procedura per l'installazione

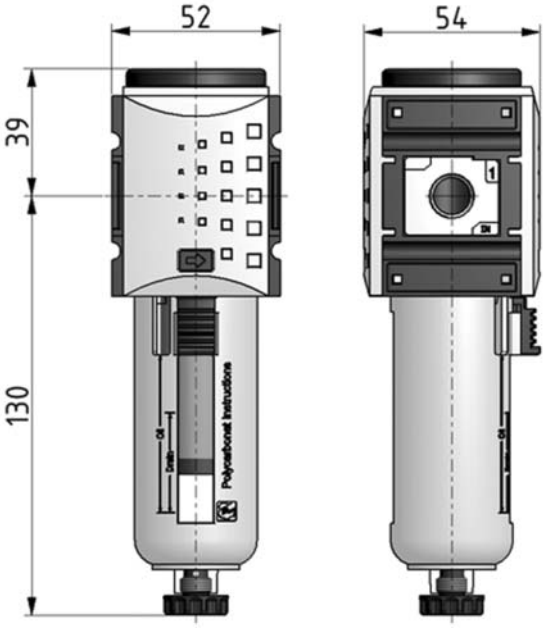
Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 μm, un microfiltro e un filtro a carbone attivo.

Installation procedure

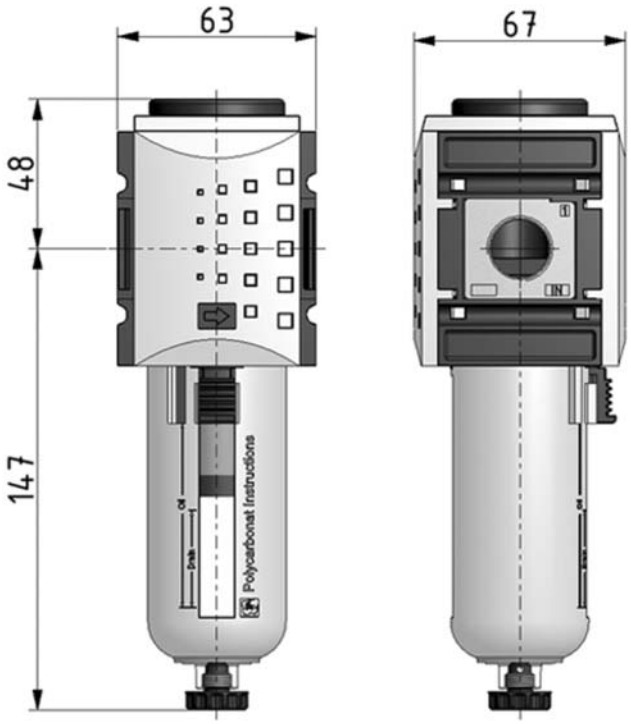
To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 μm degree, sub-micro-filter and activated carbon filter.



MFIL 2K-S **MFIL 3K-S**



MFIL 4K-S

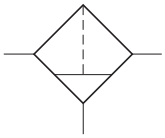


7

filtro a carbone attivo G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" activated carbon filter

- Elementi filtranti speciali a carbone attivo
  Activated carbon filter elements
- Olio residuo: 0.003 p.p.m. in combinazione con microfiltro
  Residual oil: 0.003 p.p.m. in combination with sub-micro-filter
- Installazione verticale
  Vertical installation
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
  Bowl protection already mounted. On request available with NPT threads



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

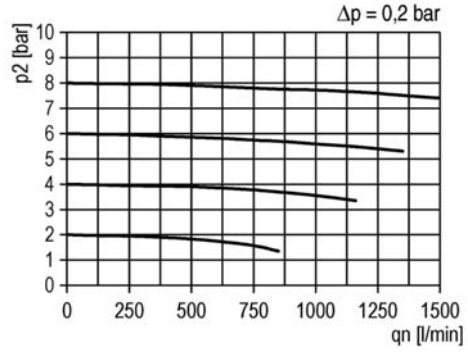
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

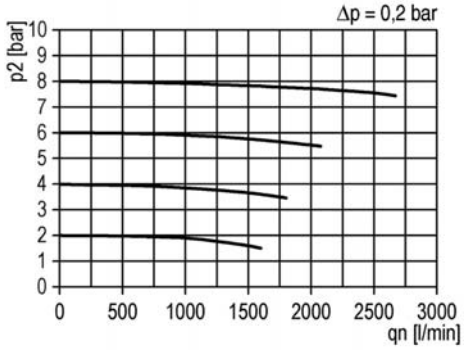
CODICE DI ORDINAZIONE *ORDER CODE*		**CFIL 2K-S** **16.307.0**	**CFIL 3K-S** **16.347.0**	**CFIL 4K-S** **16.327.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.26 kg	0.26 kg	0.42 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata p = 6 bar a 25 m/s *Recommended flow rate p = 6 bar at 25 m/s*	Q_n	500 Nl/min	500 Nl/min	1600 Nl/min
Caduta di pressione a filtro nuovo *Pressure drop with new filter element*		0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo *Pressure drop with saturated filter element*		0.3 bar	0.3 bar	0.3 bar

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"



G1/2"



filtro a carbone attivo G1/4"-G3/8"-G1/2"

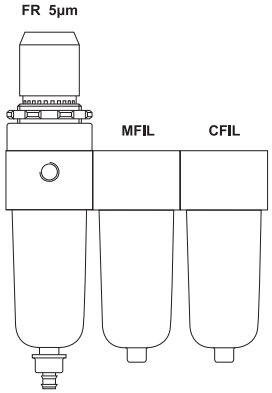
G1/4"-G3/8"-G1/2" activated carbon filter

Procedura per l'installazione

Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 μm, un microfiltro e un filtro a carbone attivo.

Installation procedure

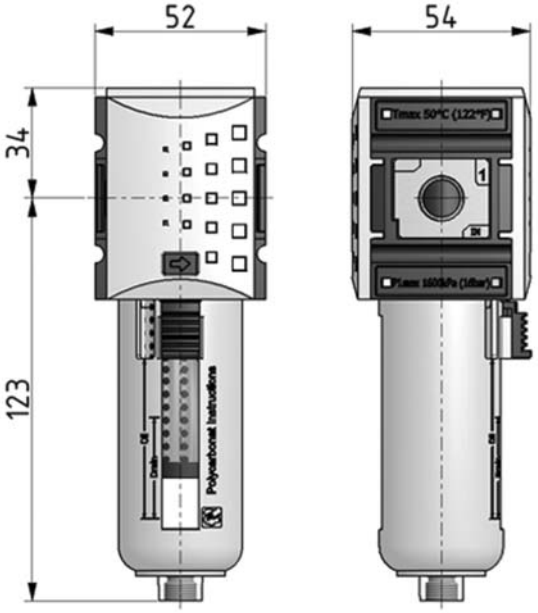
To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 μm degree, sub-micro-filter and activated carbon filter.

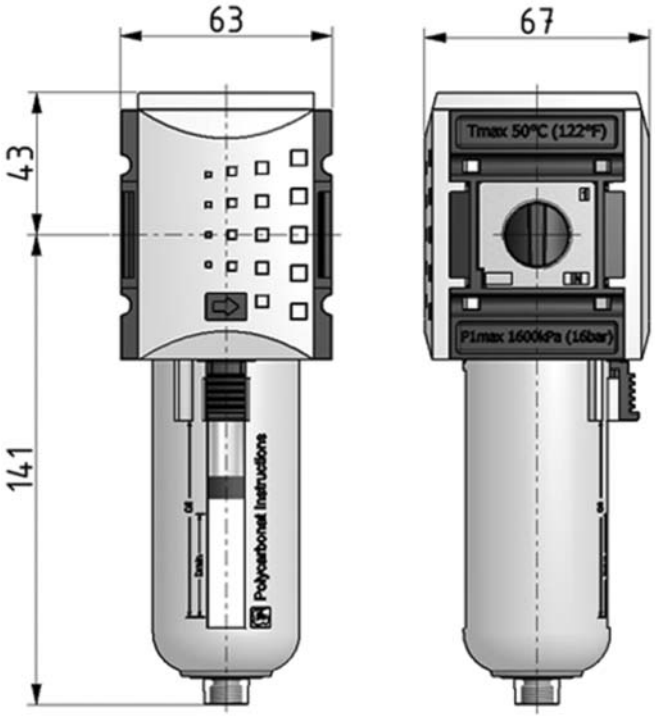


CFIL 2K-S

CFIL 3K-S

CFIL 4K-S



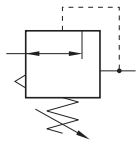


7

regolatore di pressione G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving



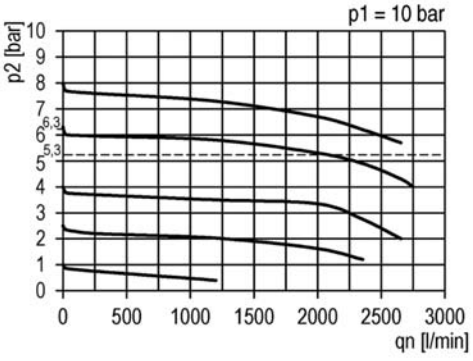
- Autocompensazione durante la regolazione
  Self-compensated regulation

- Installazione in linea o a pannello; staffa di fissaggio a richiesta. A richiesta disponibile con filetti NPT
  In-line or panel mounting; bracket on request. On request available with NPT threads

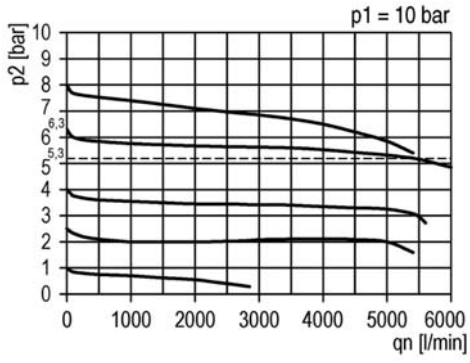
CODICE DI ORDINAZIONE *ORDER CODE*			**REG 2K-08** **16.301.0**	**REG 3K-08** **16.341.0**	**REG 4K-08** **16.321.0**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.3 kg	0.3 kg	0.5 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2200 Nl/min	2200 Nl/min	5100 Nl/min

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

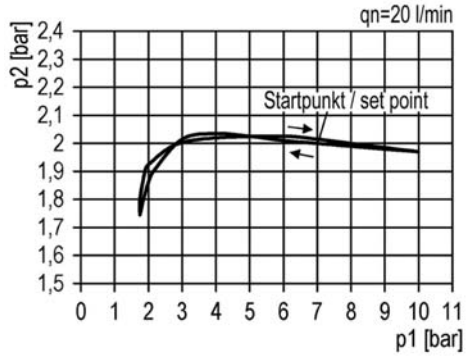


G1/2"

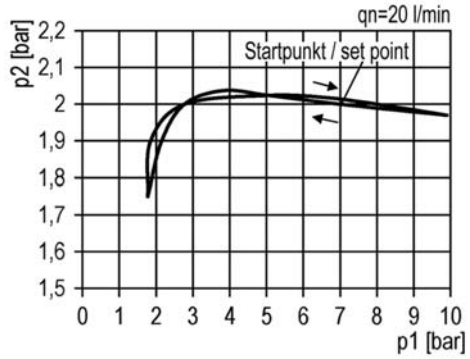


Isteresi
Hysteresis

G1/4"-G3/8"



G1/2"



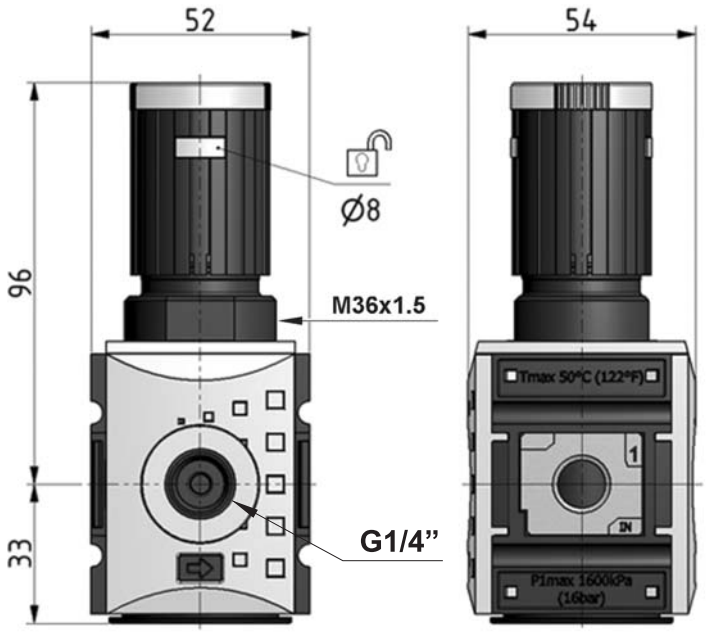
7

regolatore di pressione G1/4"-G3/8"-G1/2"

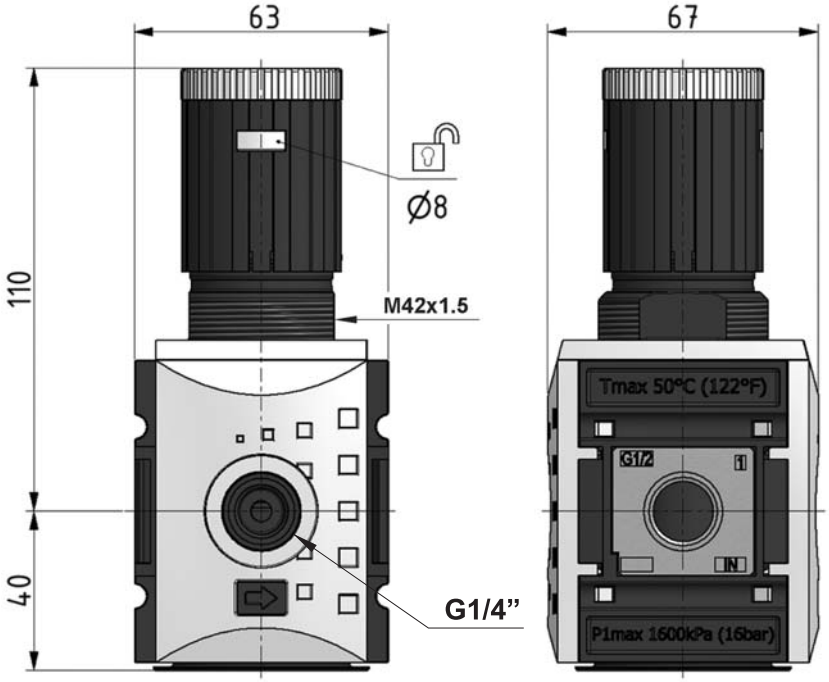
G1/4"-G3/8"-G1/2" pressure regulator

REG 2K-08

REG 3K-08



REG 4K-08



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

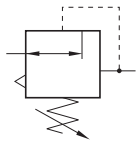
7

regolatore di pressione G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" pressure regulator

con manometro - ***with manometer***

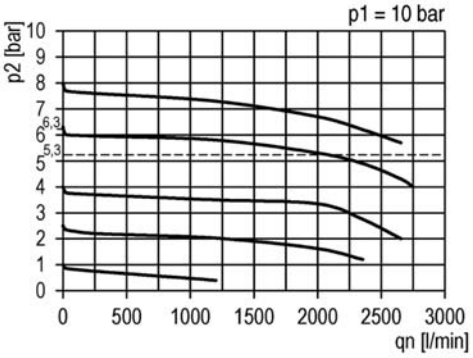
- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Installazione in linea o a pannello; staffa di fissaggio a richiesta; manometro incorporato
  In-line or panel mounting; bracket on request; embedded manometer



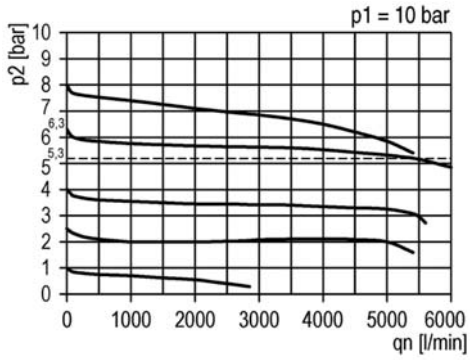
CODICE DI ORDINAZIONE *ORDER CODE*			**REG 2TK-08** **16.301.3**	**REG 3TK-08** **16.341.3**	**REG 4TK-08** **16.321.3**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.3 kg	0.3 kg	0.5 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2200 Nl/min	2200 Nl/min	5100 Nl/min

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

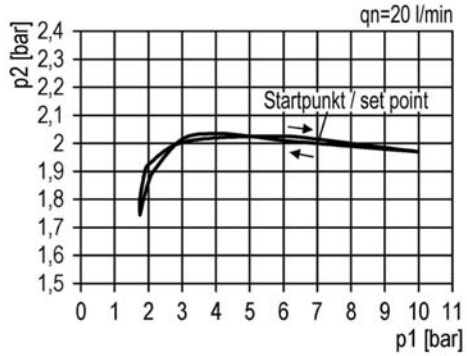


G1/2"

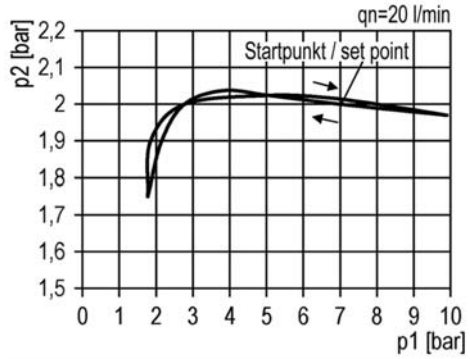


Isteresi
Hysteresis

G1/4"-G3/8"



G1/2"



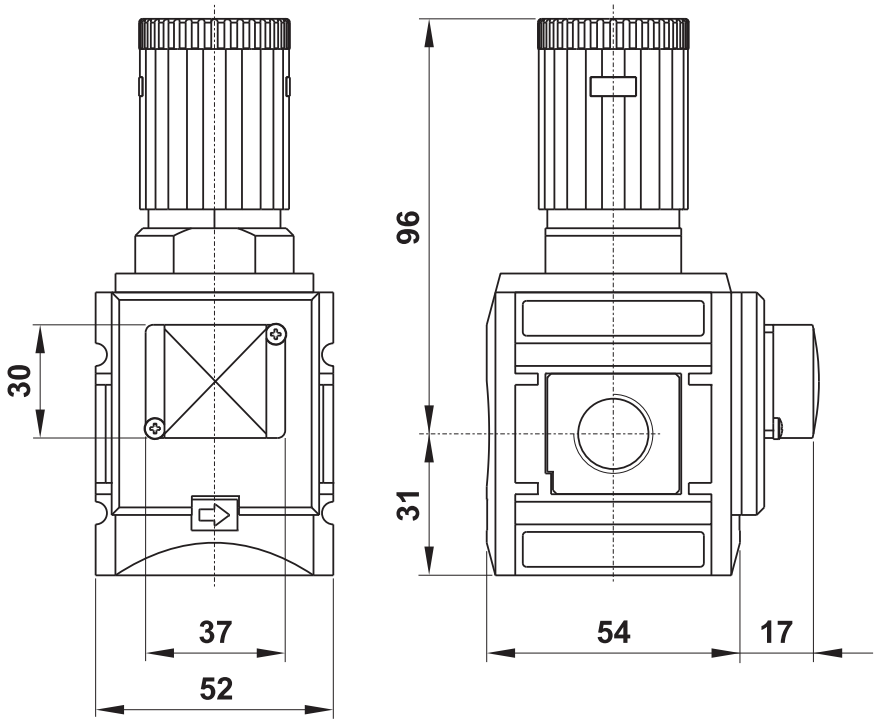
regolatore di pressione G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" pressure regulator

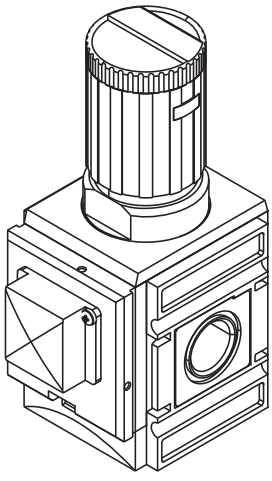
con manometro - ***with manometer***

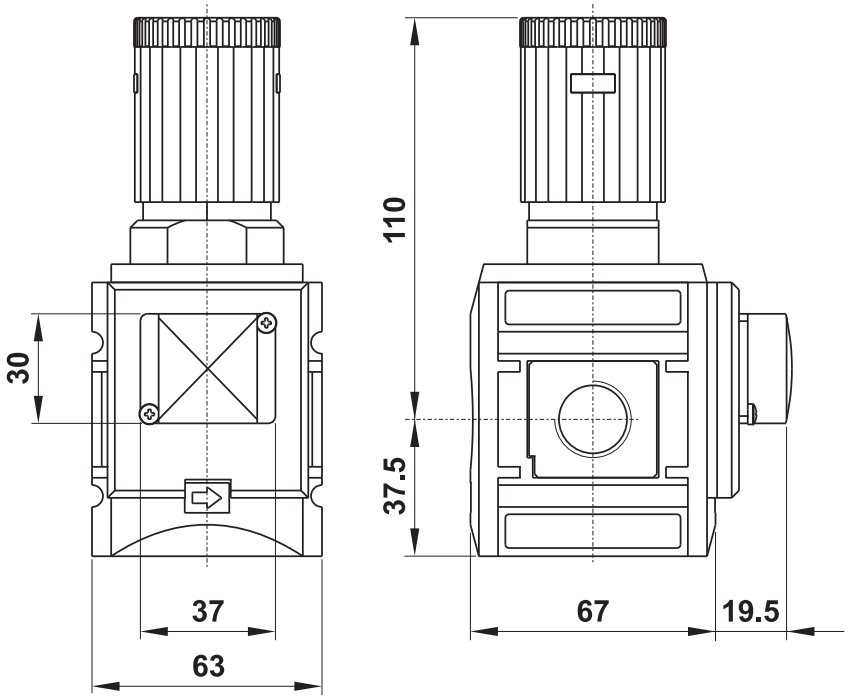
REG 2TK-08

REG 3TK-08



REG 4TK-08





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

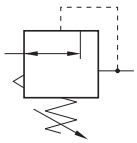
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

regolatore di pressione di precisione G1/4"

G1/4" precision pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Campo di regolazione: 0.05 ... 7 bar
  Regulation range: 0.05 ... 7 bar



7

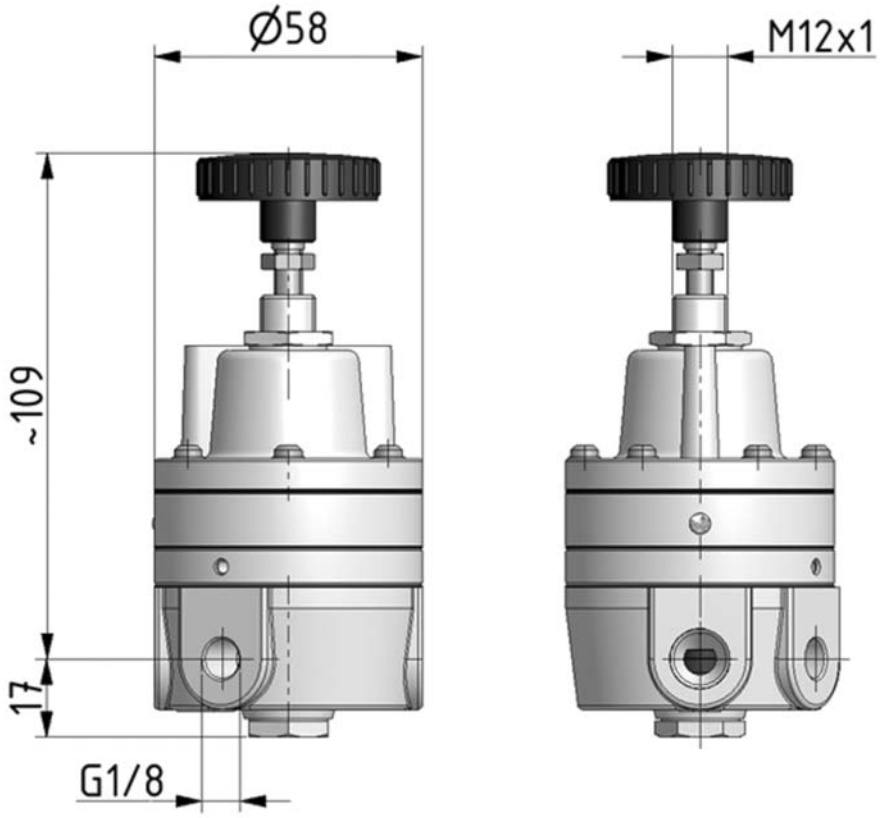
Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel

CODICE DI ORDINAZIONE *ORDER CODE*		**16.214.0**
Attacchi *Ports*		G1/4"
Temperatura di esercizio *Temperature range*		0 ... +60°C
Peso *Weight*		0.7 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 7 bar; 0.7 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	600 Nl/min
Consumo di aria con $p_1 = 5$ bar *Air consumption at $p_1 = 5$ bar*		< 2.2 l/min
Consumo di aria con $p_1 = 7$ bar *Air consumption at $p_1 = 7$ bar*		< 3 l/min
Consumo di aria con $p_1 = 10$ bar *Air consumption at $p_1 = 10$ bar*		< 4.1 l/min

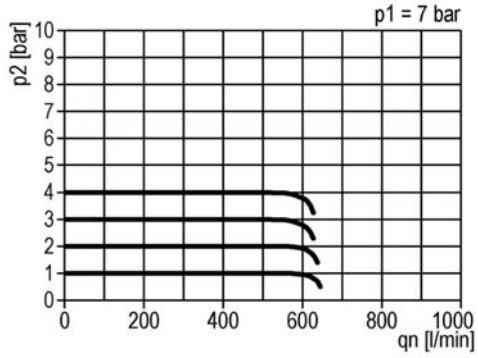
regolatore di pressione di precisione G1/4"

G1/4" precision pressure regulator



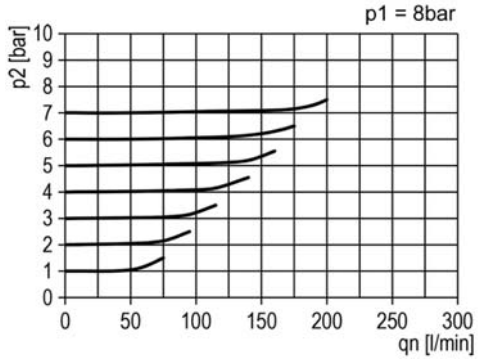
Caratteristiche di portata

Flow characteristics



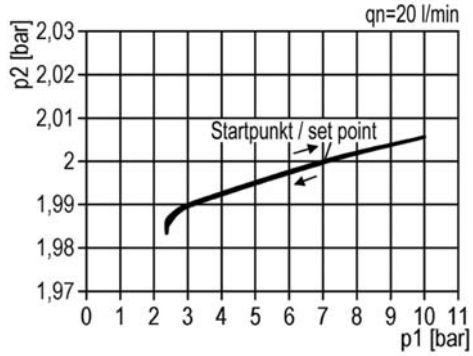
Caratteristiche del relieving

Relieving characteristics



Isteresi

Hysteresis



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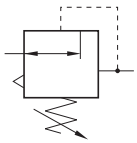
regolatore di pressione di precisione G1/4"

G1/4" precision pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Campo di regolazione: 0.1 ... 8 bar
  Regulation range: 0.1 ... 8 bar



7

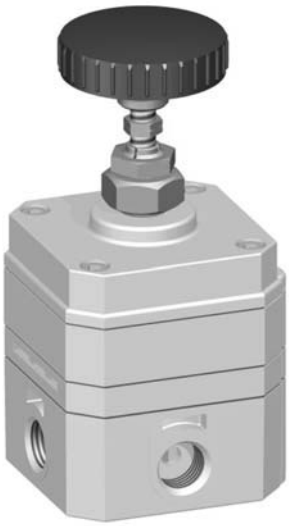
Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX

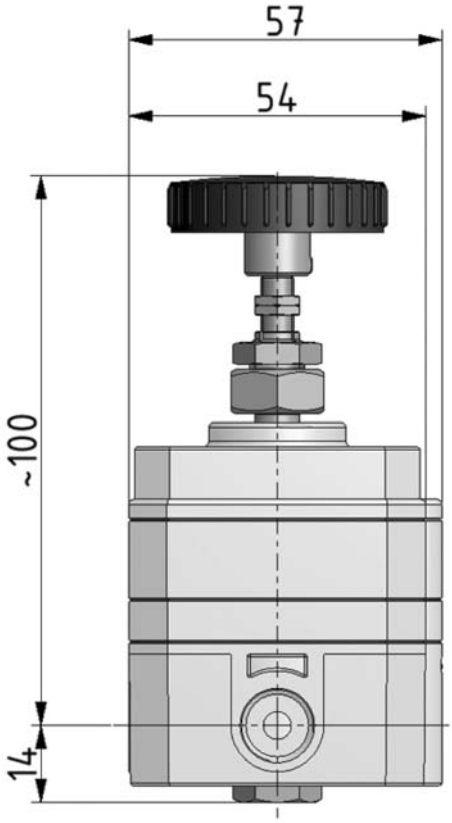
Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel

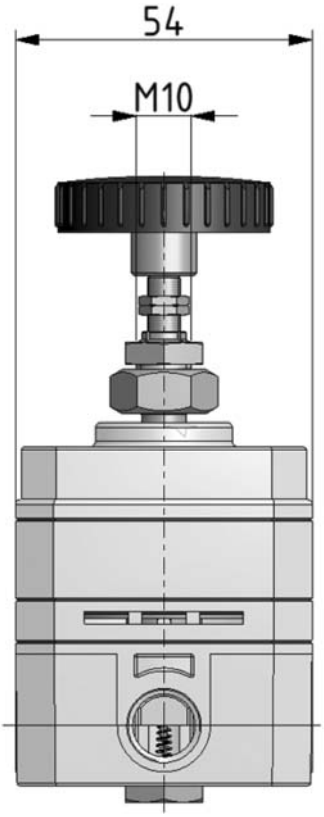
CODICE DI ORDINAZIONE *ORDER CODE*		**16.215.0**
Attacchi *Ports*		G1/4"
Temperatura di esercizio *Temperature range*		0 ... +60°C
Peso *Weight*		0.3 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 12 bar; 1.2 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	400 Nl/min
Consumo di aria con p_1=6 bar *Air consumption at p_1=6 bar*		2.6 l/min

regolatore di pressione di precisione G1/4"

G1/4" precision pressure regulator

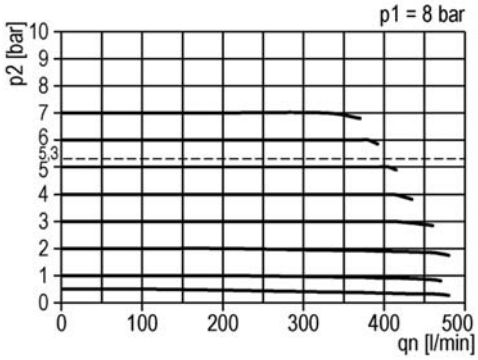






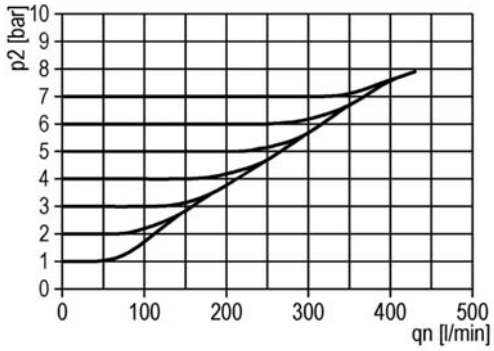
Caratteristiche di portata

Flow characteristics



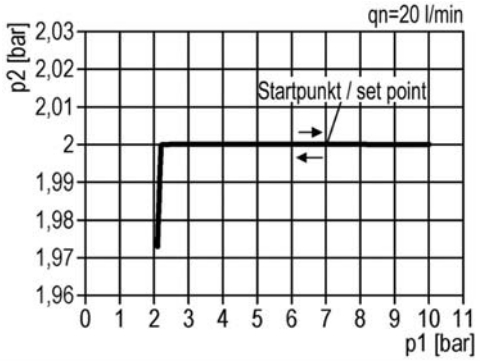
Caratteristiche del relieving

Relieving characteristics



Isteresi

Hysteresis



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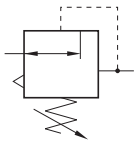
regolatore di pressione di precisione G1/2"

G1/2" precision pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Pilotaggio pneumatico remoto
  Remote pneumatic piloting
- Regolazione meccanica ausiliaria a 6 bar
  Auxiliary mechanical regulation at 6 bar
- Autocompensazione durante la regolazione; alto relieving
  Self-compensated regulation; high performance relieving
- Campo di regolazione: 0.05 ... 7 bar
  Regulation range: 0.05 ... 7 bar

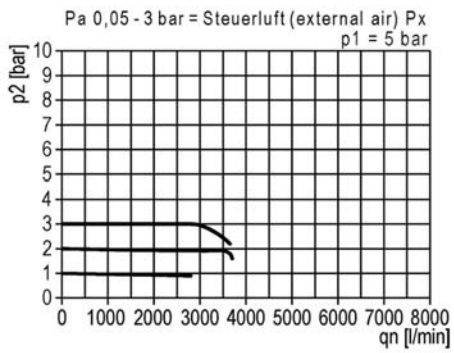


Materiali
Corpo: alluminio
Guarnizioni: NBR
Parti interne: ottone e INOX

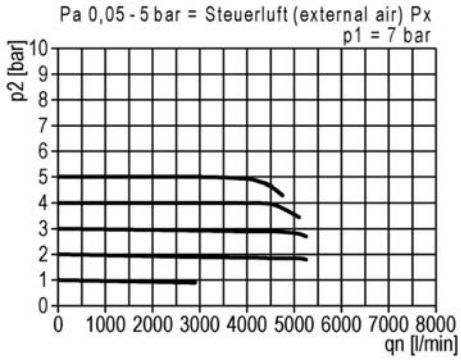
Materials
Body: aluminium
Seals: NBR
Internal parts: brass and stainless steel

CODICE DI ORDINAZIONE *ORDER CODE*		**16.230.0**
Attacchi *Ports*		G1/2"
Temperatura di esercizio *Temperature range*		0 ... +60°C
Peso *Weight*		1.4 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\,min}$ $p_{1\,max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\,min}$ $p_{2\,max}$	0 bar; 0 MPa 7 bar; 0.7 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	6500 Nl/min
Consumo di aria con $p_1 = 16$ bar *Air consumption at $p_1 = 16$ bar*		< 6 l/min

Caratteristiche di portata (I)
Flow characteristics (I)



Caratteristiche di portata (II)
Flow characteristics (II)



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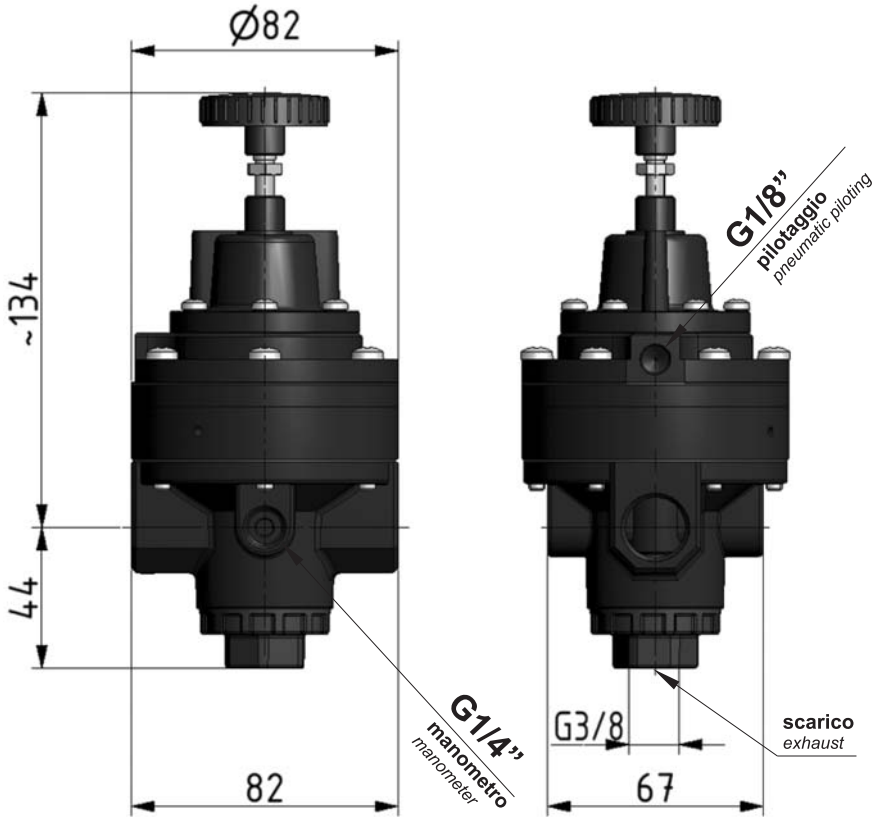
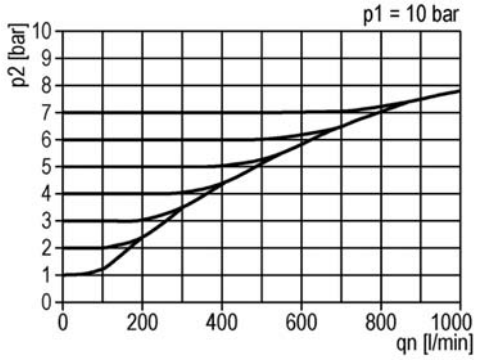
regolatore di pressione di precisione G1/2"

G1/2" precision pressure regulator



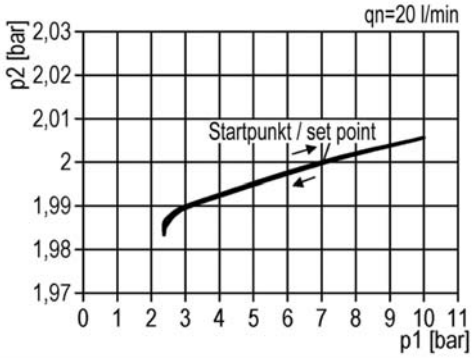
Caratteristiche del relieving

Relieving characteristics



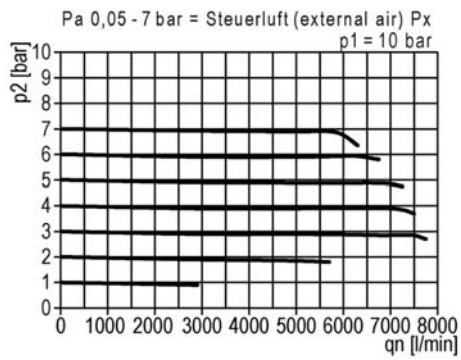
Isteresi

Hysteresis



Caratteristiche di portata (III)

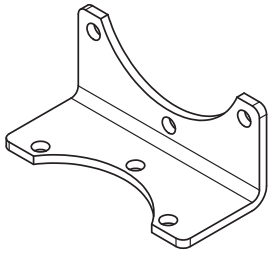
Flow characteristics (III)



16.231.0

Staffa di fissaggio

Mounting bracket



lubrificatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" lubricator

- Lubrificatore venturi con compensazione automatica della portata
  Oil mist lubricator with flow compensation
- Rifornimento olio manuale anche in presenza di pressione
  Manual oil refilling, possible also in presence of pressure
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
  Bowl protection already mounted. On request available with NPT threads
- Capacità tazza: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2")
  Bowl capacity: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2")

CODICE DI ORDINAZIONE *ORDER CODE*			**LUB 2K-00** **16.303.0**	**LUB 3K-00** **16.343.0**	**LUB 4K-00** **16.323.0**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.28 kg	0.28 kg	0.42 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	2800 Nl/min	2800 Nl/min	8000 Nl/min

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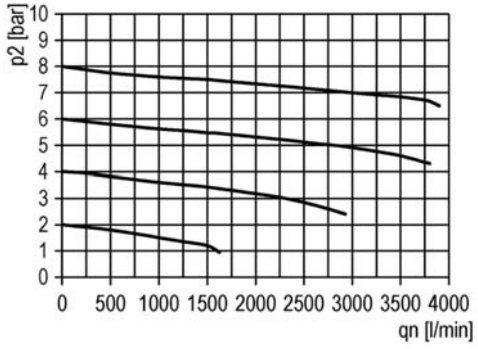
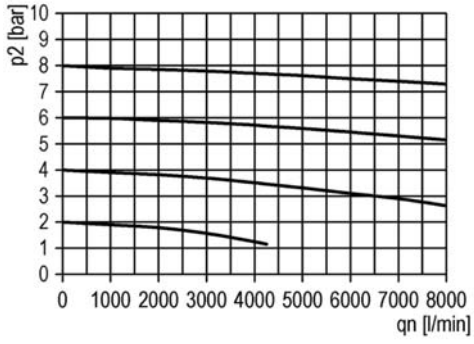
Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

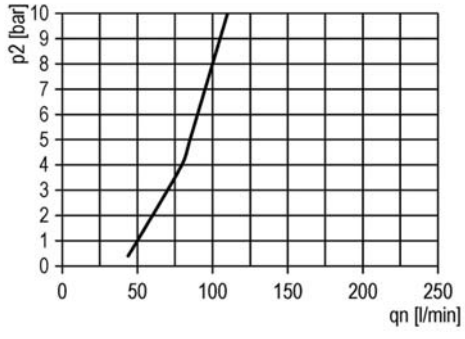


G1/2"

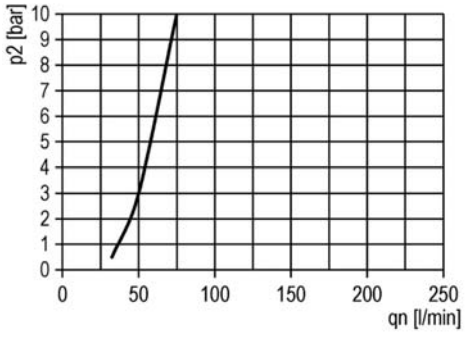


Rapporto olio/aria
Oil/air ratio

G1/4"-G3/8"



G1/2"

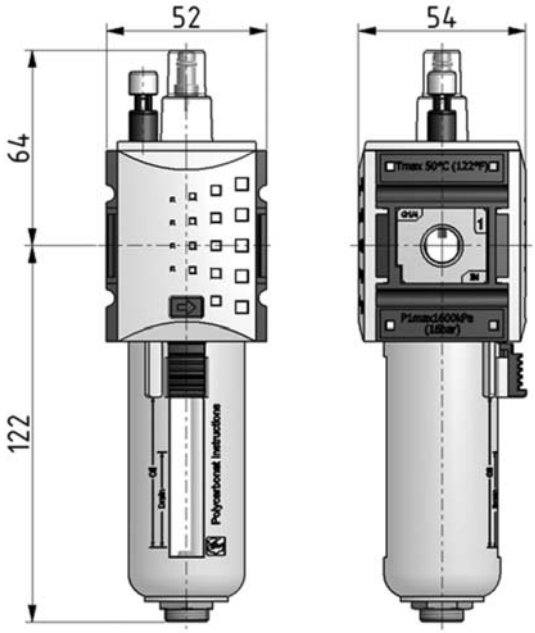


lubrificatore G1/4"-G3/8"-G1/2"

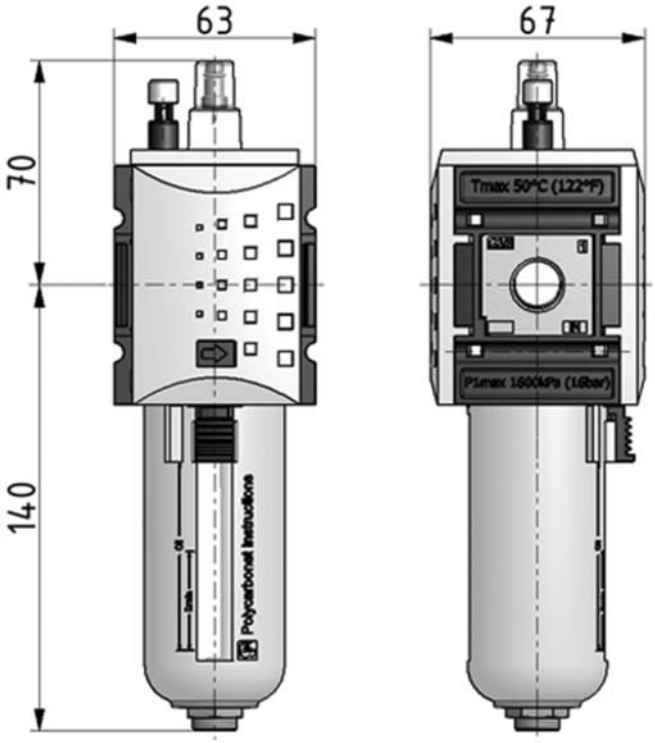
G1/4"-G3/8"-G1/2" lubricator

LUB 2K-00

LUB 3K-00



LUB 4K-00



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

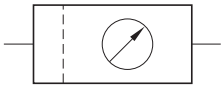
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

filtroregolatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 µm



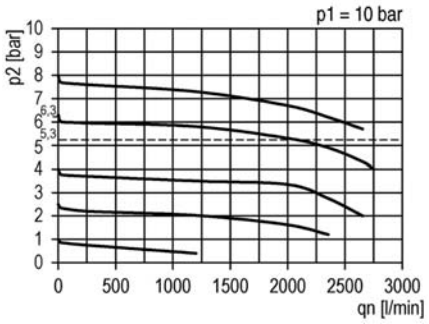
- Protezione della tazza di serie
  Bowl protection already mounted

- Installazione in linea o a pannello; staffa di fissaggio a richiesta. A richiesta disponibile con filetti NPT
  In-line or panel mounting; bracket on request. On request available with NPT threads

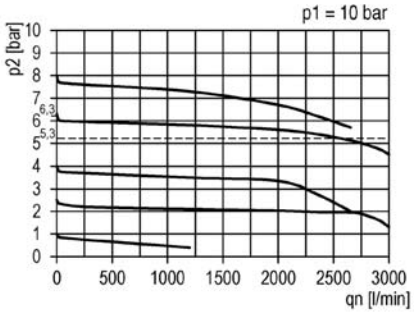
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*	**FR 2K-08-05-S** **16.304.0**	**FR 3K-08-05-S** **16.344.0**	**FR 4K-08-05-S** **16.324.0**
	scarico automatico *automatic moisture exhaust*	**FR 2K-08-05-A** **16.103.3**	**FR 3K-08-05-A** **16.104.3**	**FR 4K-08-05-A** **16.105.3**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.37 kg	0.37 kg	0.56 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2200 Nl/min	2600 Nl/min	5100 Nl/min

Caratteristiche di portata
Flow characteristics

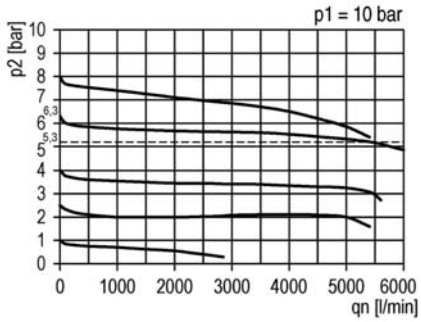
G1/4"



G3/8"

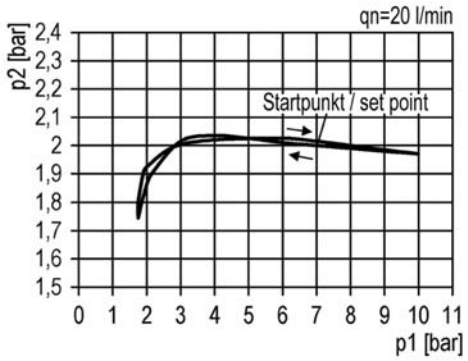


G1/2"

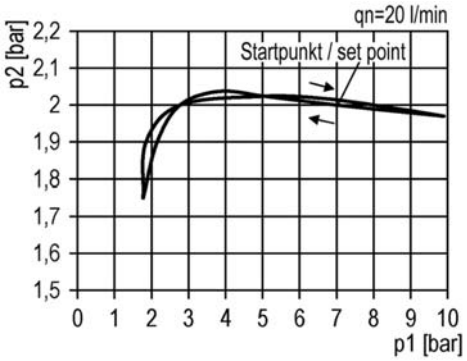


Isteresi
Hysteresis

G1/4"-G3/8"



G1/2"



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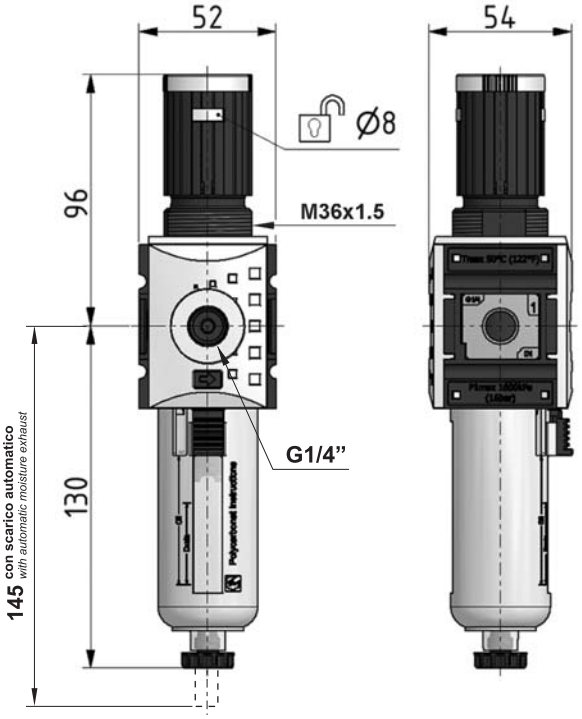
filtroregolatore G1/4"-G3/8"-G1/2"

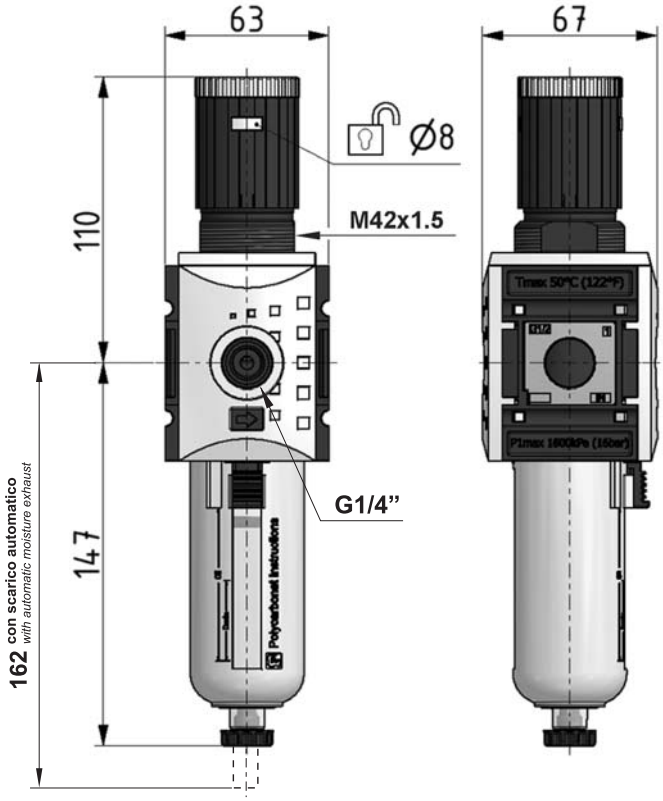
G1/4"-G3/8"-G1/2" filter-regulator

FR 2K-08-05-S **FR 2K-08-05-A**

FR 3K-08-05-S **FR 3K-08-05-A**



FR 4K-08-05-S **FR 4K-08-05-A**



Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

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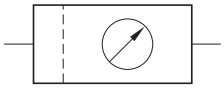
filtroregolatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-regulator

con manometro - ***with manometer***

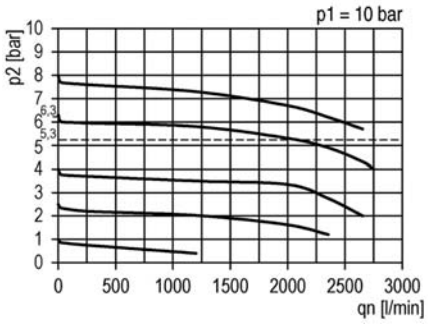
- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 µm
- Manometro incorporato; protezione della tazza di serie
  Embedded manometer; bowl protection already mounted
- Installazione in linea o a pannello; staffa di fissaggio a richiesta
  In-line or panel mounting; bracket on request



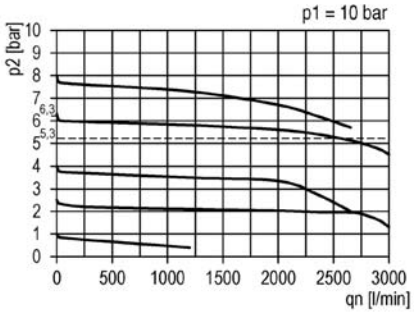
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*	**FR 2TK-08-05-S** **16.304.3**	**FR 3TK-08-05-S** **16.344.3**	**FR 4TK-08-05-S** **16.324.3**
	scarico automatico *automatic moisture exhaust*	**FR 2TK-08-05-A** **16.304.4**	**FR 3TK-08-05-A** **16.344.4**	**FR 4TK-08-05-A** **16.324.4**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.37 kg	0.37 kg	0.56 kg
Pressione di alimentazione *Inlet pressure range*	$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2200 Nl/min	2600 Nl/min	5100 Nl/min

Caratteristiche di portata
Flow characteristics

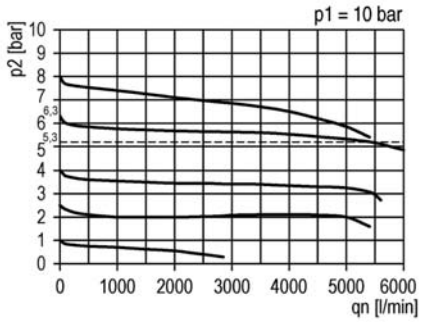
G1/4"



G3/8"

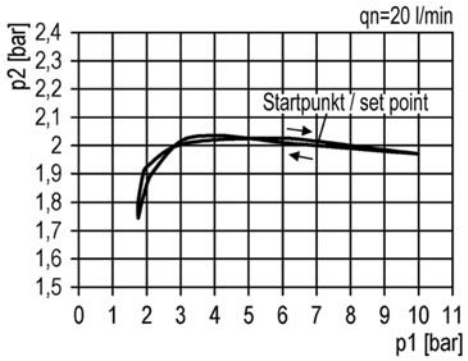


G1/2"

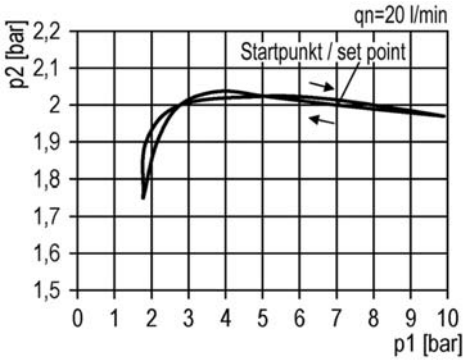


Isteresi
Hysteresis

G1/4"-G3/8"



G1/2"



7

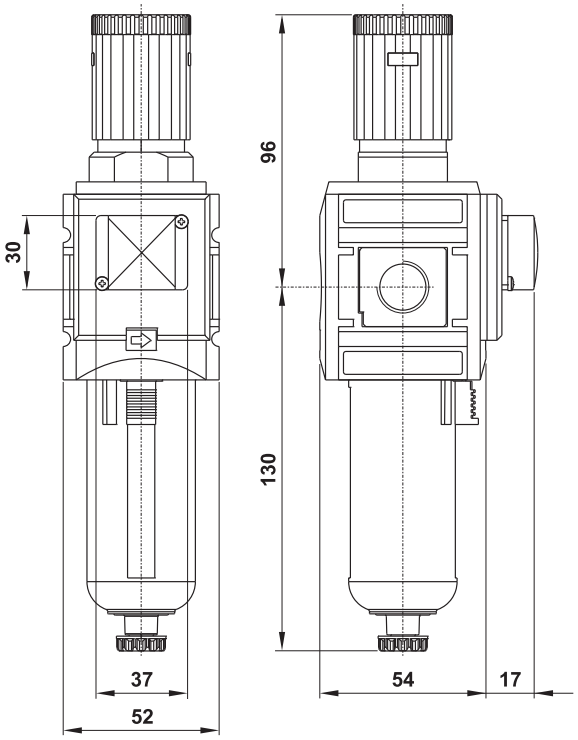
filtroregolatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-regulator

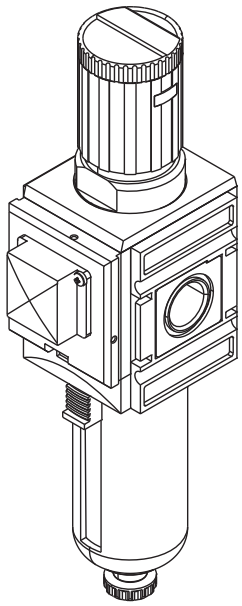
con manometro - ***with manometer***

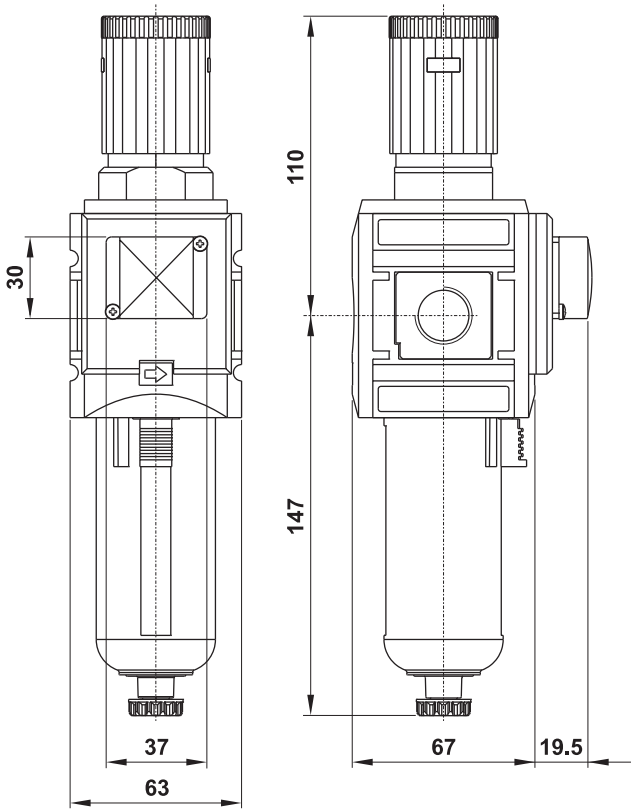
FR 2TK-08-05-S **FR 2TK-08-05-A**

FR 3TK-08-05-S **FR 3TK-08-05-A**



FR 4TK-08-05-S **FR 4TK-08-05-A**





Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

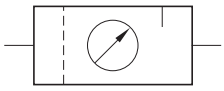
La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

7

gruppo trattam. aria FR+L G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" FR+L air preparation unit

- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 μm



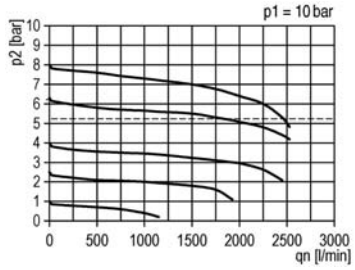
- Capacità tazza: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2"); protezione della tazza di serie
  Bowl capacity: 40 cm³ (G1/4"-G3/8"); 80 cm³ (G1/2"); bowl protection already mounted

- A richiesta disponibile con filetti NPT
  On request available with NPT threads

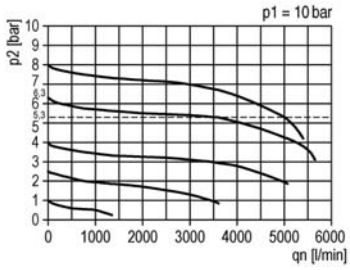
CODICE DI ORDINAZIONE *ORDER CODE*	scarico semiautomatico *semi-automatic moisture exhaust*		**FR+L 2K-08-05-S** **16.305.0**	**FR+L 3K-08-05-S** **16.345.0**	**FR+L 4K-08-05-S** **16.325.0**
	scarico automatico *automatic moisture exhaust*		**FR+L 2K-08-05-A** **16.106.3**	**FR+L 3K-08-05-A** **16.107.3**	**FR+L 4K-08-05-A** **16.108.3**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.68 kg	0.68 kg	1.06 kg
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 0.8 MPa	0 bar; 0 MPa 8 bar; 8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1800 Nl/min	1800 Nl/min	3500 Nl/min

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"

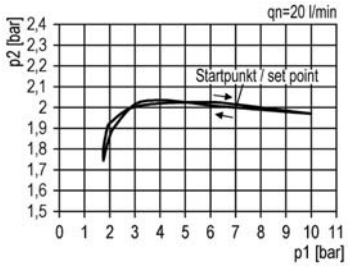


G1/2"

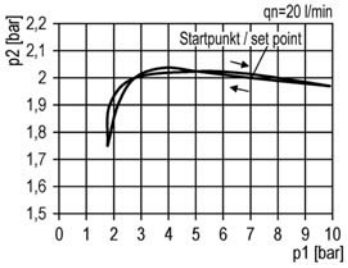


Isteresi
Hysteresis

G1/4"-G3/8"

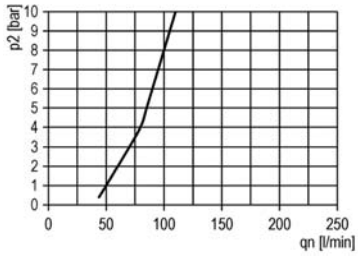


G1/2"

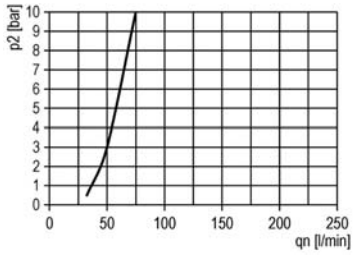


Rapporto olio/aria
Oil/air ratio

G1/4"-G3/8"



G1/2"



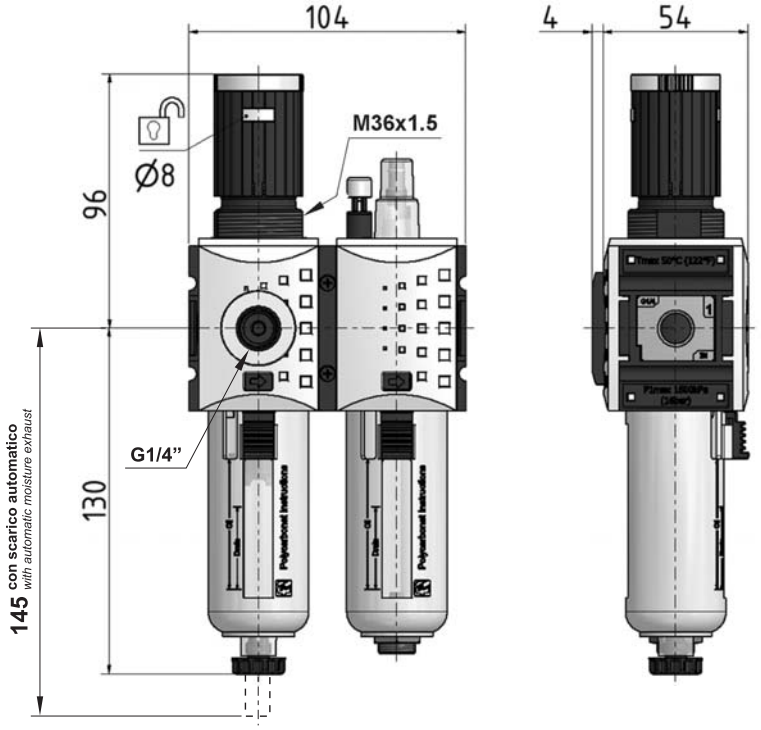
7

gruppo trattam. aria FR+L G1/4"-G3/8"-G1/2"

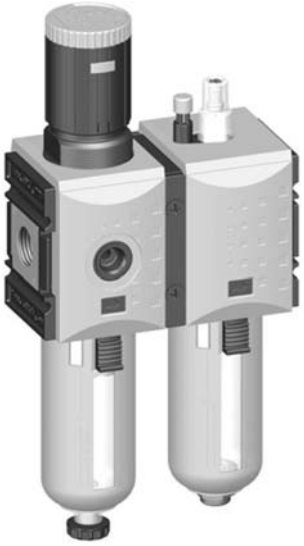
G1/4"-G3/8"-G1/2" FR+L air preparation unit

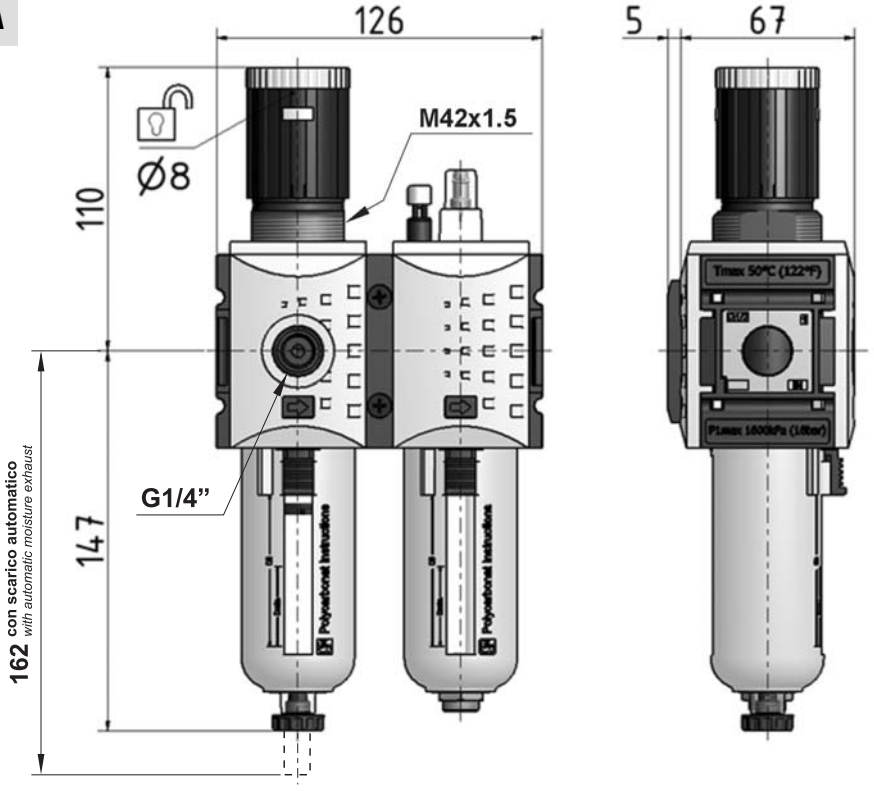
FR+L 2K-08-05-S **FR+L 2K-08-05-A**

FR+L 3K-08-05-S **FR+L 3K-08-05-A**



FR+L 4K-08-05-S **FR+L 4K-08-05-A**





Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

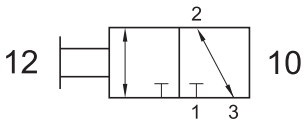
Filetto per manometro: G1/4".
Thread for manometer: G1/4".

7

valv. sezionam. circuito 3/2 G1/4"-G3/8"-G1/2"

3/2 G1/4"-G3/8"-G1/2" shut-off valve

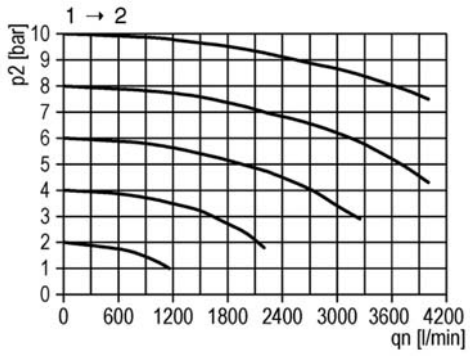
- Elemento modulare ad alte prestazioni
  High performance modular element
- Elevata portata in scarico
  High exhaust flow rate
- Comando manuale; possibilità di chiusura a lucchetto
  Manual actuation; it can be secured with a padlock
- Installazione in qualsiasi posizione
  Installation in any position
- A richiesta disponibile con filetti NPT
  On request available with NPT threads



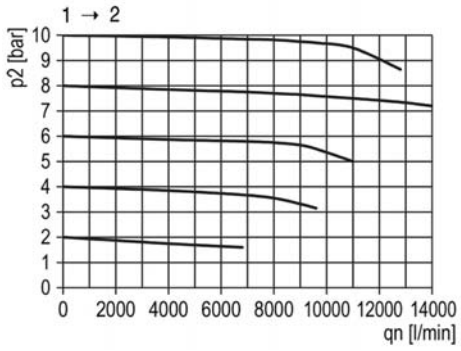
CODICE DI ORDINAZIONE *ORDER CODE*		**SR-M2K** **16.308.0**	**SR-M3K** **16.348.0**	**SR-M4K** **16.328.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.27 kg	0.27 kg	0.53 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	1900 Nl/min	1900 Nl/min	11000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min	400 Nl/min	3000 Nl/min

Portata in entrata
Inlet flow rate

G1/4"-G3/8"

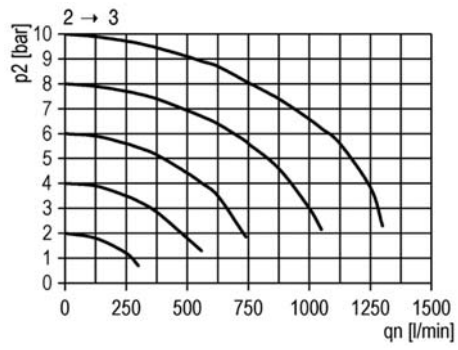


G1/2"

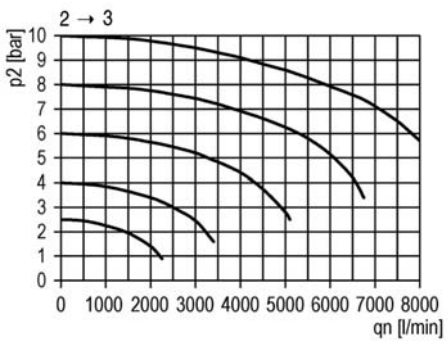


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"



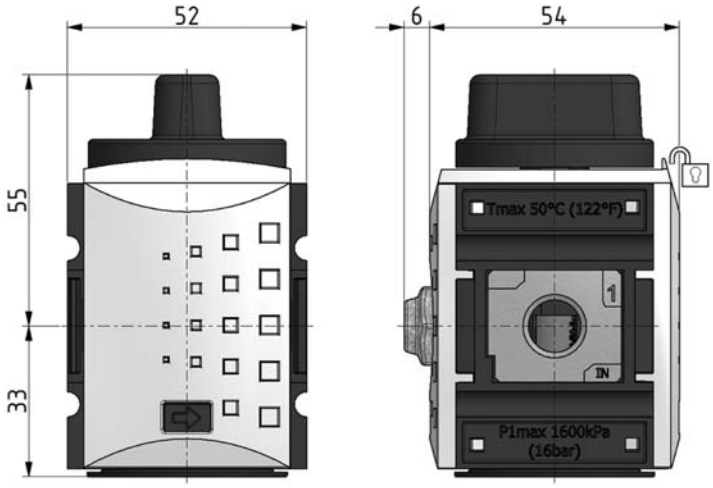
7

valv. sezionam. circuito 3/2 G1/4"-G3/8"-G1/2"

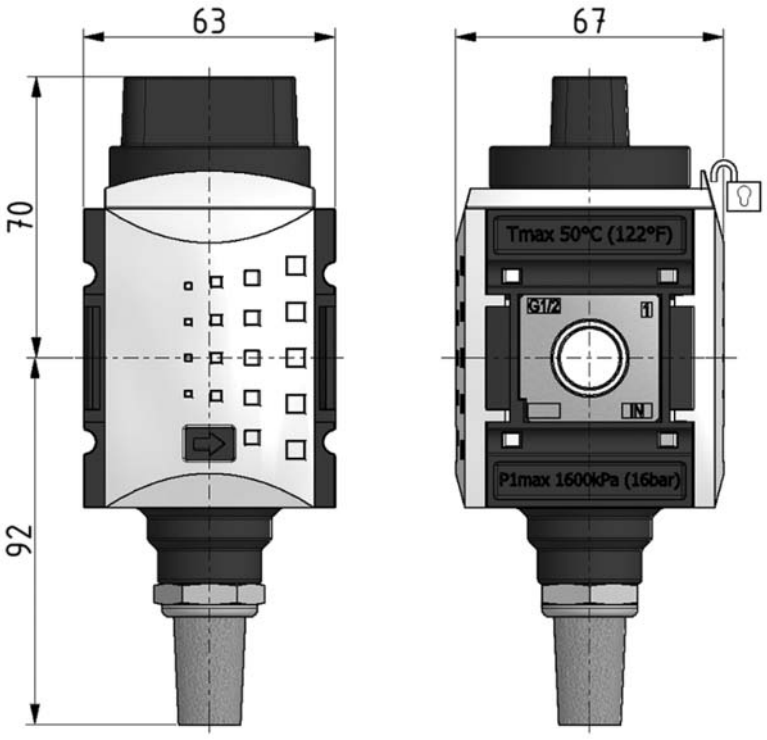
3/2 G1/4"-G3/8"-G1/2" shut-off valve

SR-M2K

SR-M3K



SR-M4K



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

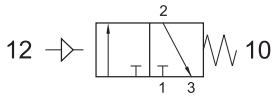
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

valvola di scarico rapido G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" quick exhaust valve

- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando pneumatico**
  Pneumatically actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate
- A richiesta disponibile con filetti NPT
  On request available with NPT threads

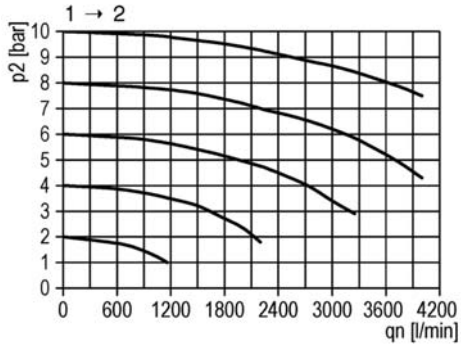


CODICE DI ORDINAZIONE *ORDER CODE*		**SCR 2K-P** **16.310.0**	**SCR 3K-P** **16.350.0**	**SCR 4K-P** **16.330.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.26 kg	0.26 kg	0.56 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata p = 6.3 bar; Δp = 1 bar *Inlet maximum flow rate*	Q_{max}	2000 Nl/min	2000 Nl/min	4300 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min	400 Nl/min	3000 Nl/min

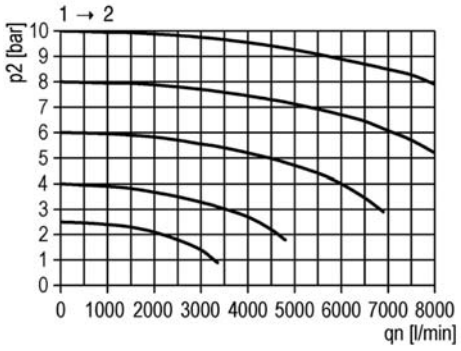
7

Portata in entrata
Inlet flow rate

G1/4"-G3/8"

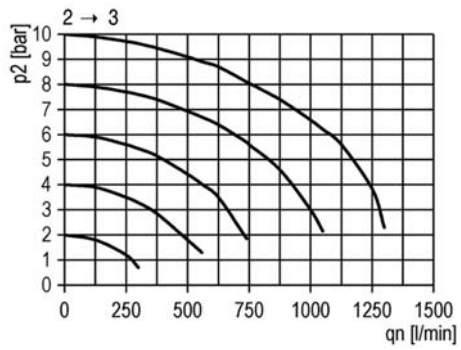


G1/2"

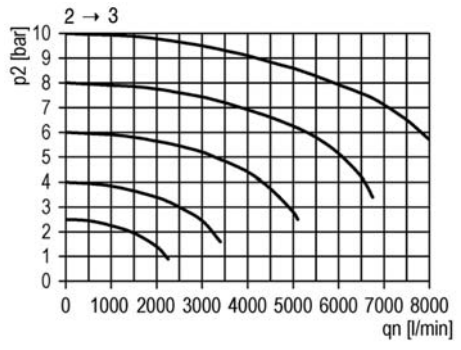


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"

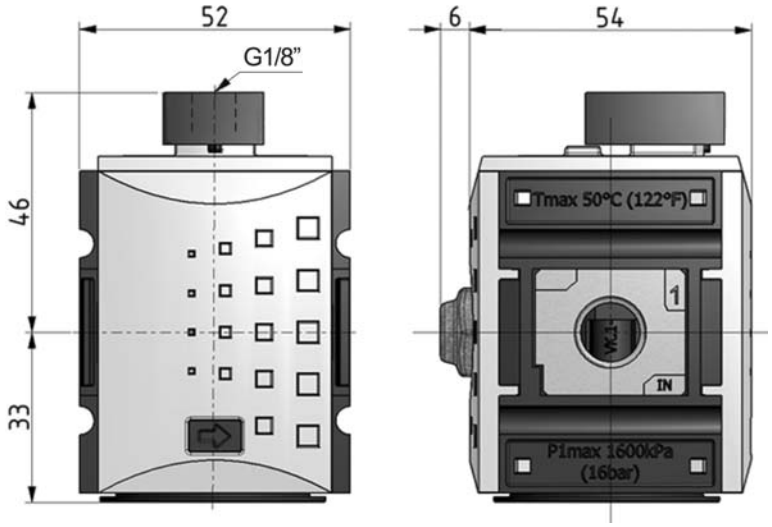


valvola di scarico rapido G1/4"-G3/8"-G1/2"

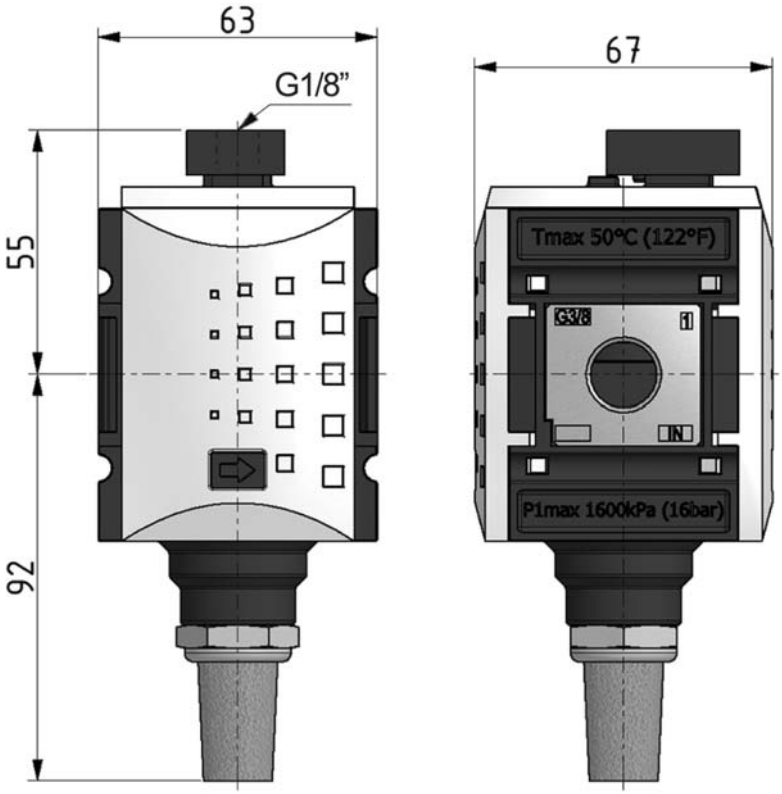
G1/4"-G3/8"-G1/2" quick exhaust valve

SCR 2K-P

SCR 3K-P



SCR 4K-P



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

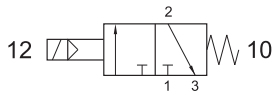
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

valvola di scarico rapido G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" quick exhaust valve

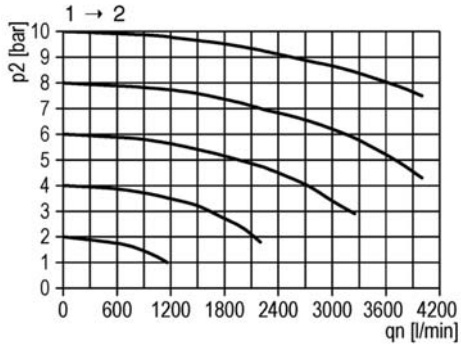
- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando elettrico**
  Solenoid actuated 3/2 quick exhaust and shut-off valve
- Elevata portata in scarico
  High exhaust flow rate
- A richiesta disponibile con filetti NPT
  On request available with NPT threads



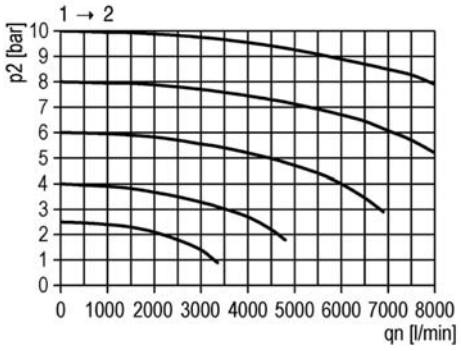
CODICE DI ORDINAZIONE *ORDER CODE*		**SCR 2K-E** **16.310.3**	**SCR 3K-E** **16.340.3**	**SCR 4K-E** **16.330.3**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.38 kg	0.38 kg	0.68 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	2000 Nl/min	2000 Nl/min	4300 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min	400 Nl/min	3000 Nl/min

Portata in entrata
Inlet flow rate

G1/4"-G3/8"

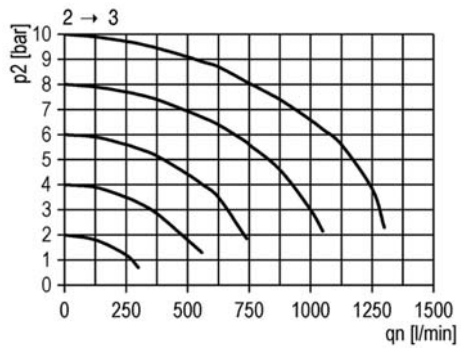


G1/2"

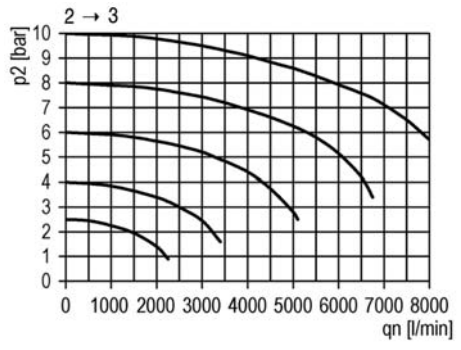


Portata in scarico
Exhaust flow rate

G1/4"-G3/8"



G1/2"



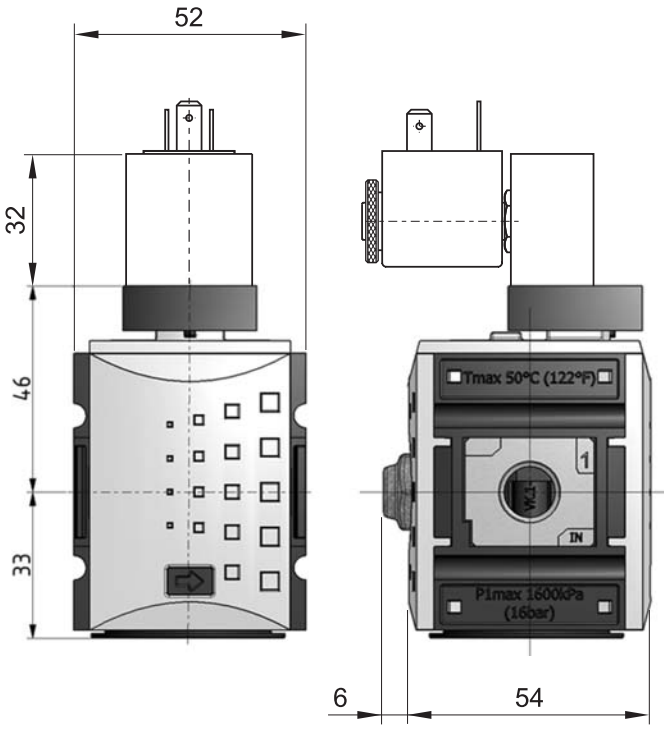
7

valvola di scarico rapido G1/4"-G3/8"-G1/2"

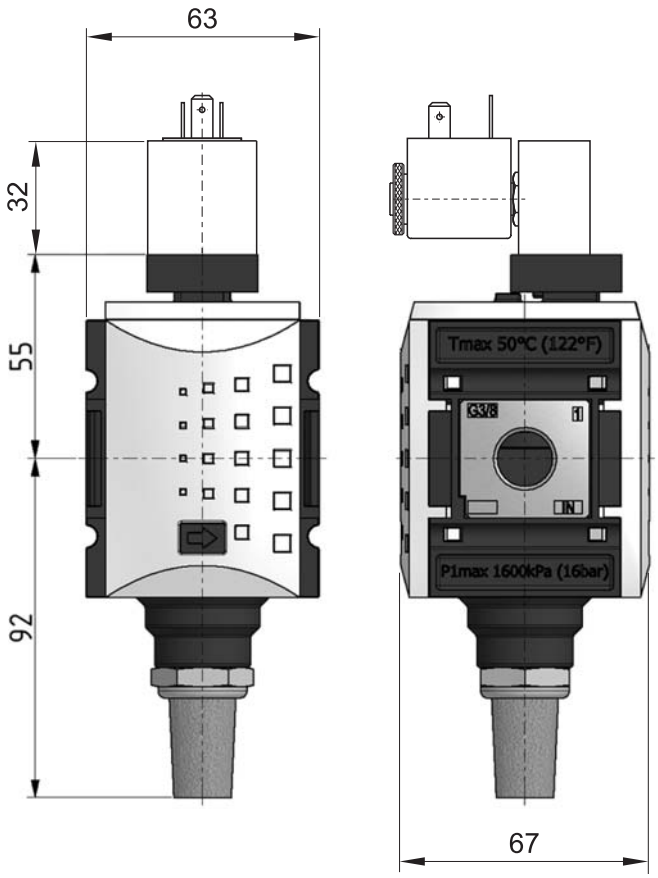
G1/4"-G3/8"-G1/2" quick exhaust valve

SCR 2K-E

SCR 3K-E



SCR 4K-E



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Il prodotto è venduto senza bobina, da acquistarsi separatamente (vedi pag. 357).
The product is sold without coil, which is bought separately (refer to page 357).

avviatore progressivo G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" slow-start valve

Modalità di funzionamento

La valvola fornisce a un circuito pneumatico aria a pressione progressivamente crescente fino a raggiungere la metà della pressione di rete nel tempo impostato con la vite di regolazione integrata. Durante questa fase non devono essere attivi gli elementi del circuito che consumano aria. Raggiunta la soglia di commutazione, l'avviatore progressivo passa automaticamente a fornire la pressione di rete.
L'avviatore progressivo impedisce eventuali movimenti improvvisi dei dispositivi pneumatici montati nel circuito, che si potrebbero avere se venisse fornita immediatamente la pressione di rete.

Valve operation

The valve applies to a pneumatic circuit a progressively increasing pressure over a period of time set by the integrated screw. During this phase no air consumption is allowed in the circuit. After having reached the half of the system pressure, the slow-start valve begins to automatically feed the circuit with the system pressure.
The slow-start valve prevents from unexpected motions of the pneumatic devices in the circuit, which could happen by applying directly the system pressure.

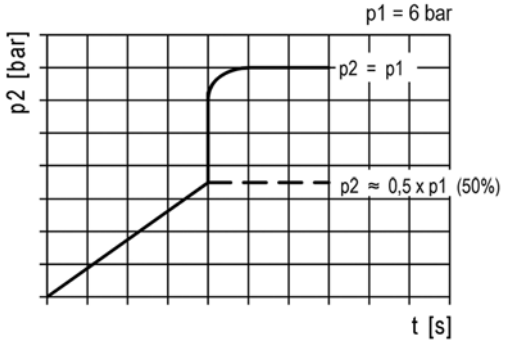
CODICE DI ORDINAZIONE *ORDER CODE*			**AVP 2K-00** **16.311.0**	**AVP 3K-00** **16.351.0**	**AVP 4K-00** **16.331.0**
Attacchi *Ports*			G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*			0.24 kg	0.24 kg	0.53 kg
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1900 Nl/min	1900 Nl/min	400 Nl/min

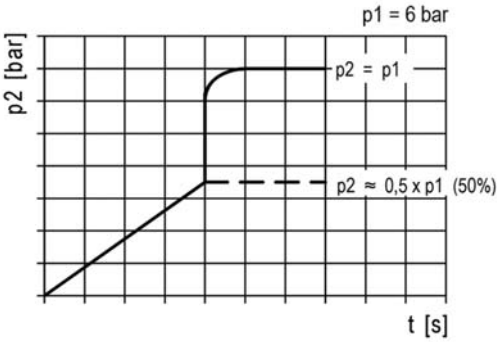
7

G1/4"-G3/8"

Rapporto tempo/pressione
Time/pressure ratio

G1/2"

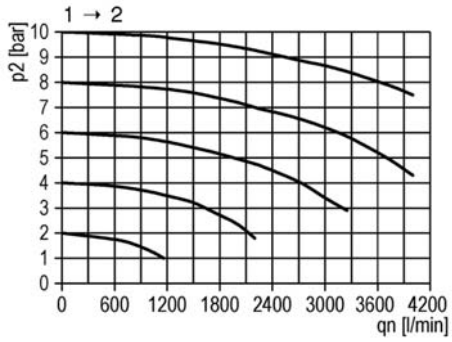


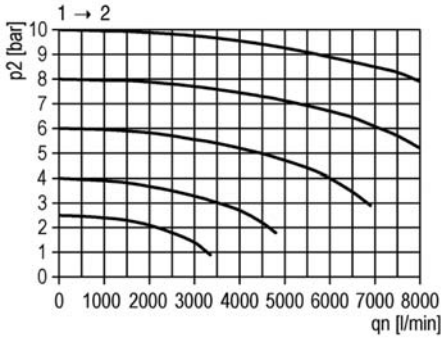


G1/4"-G3/8"

Portata in scarico
Exhaust flow rate

G1/2"





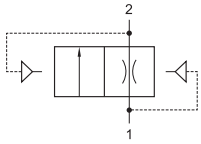
avviatore progressivo G1/4"-G3/8"-G1/2"

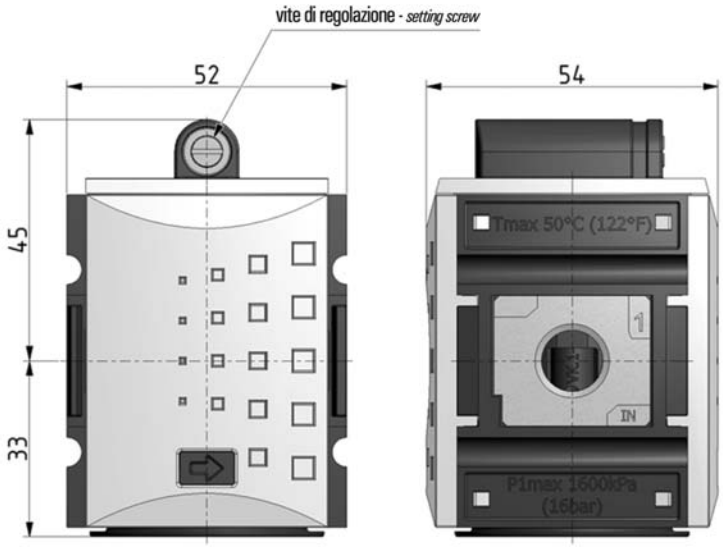
G1/4"-G3/8"-G1/2" slow-start valve

AVP 2K-00

AVP 3K-00

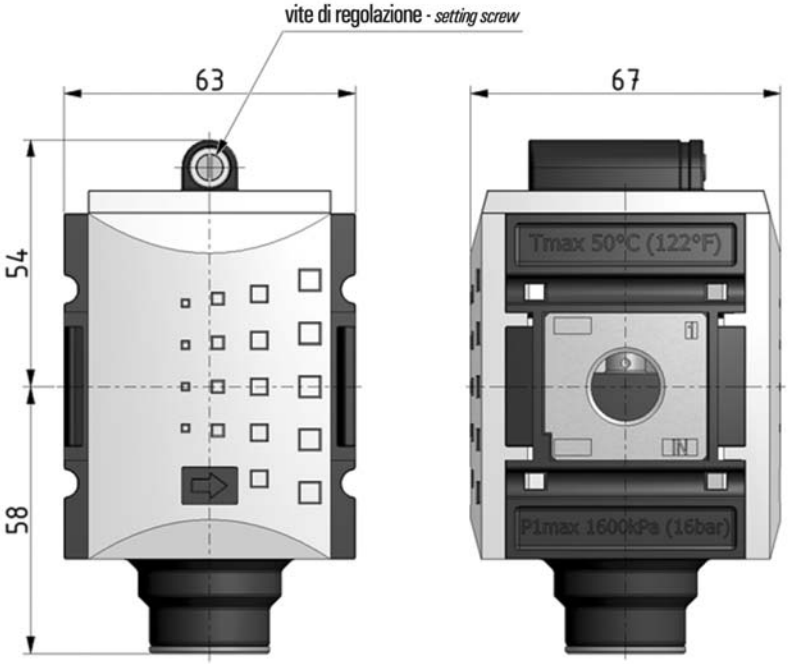
A richiesta disponibile con filetti NPT
On request available with NPT threads





AVP 4K-00

A richiesta disponibile con filetti NPT
On request available with NPT threads



Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

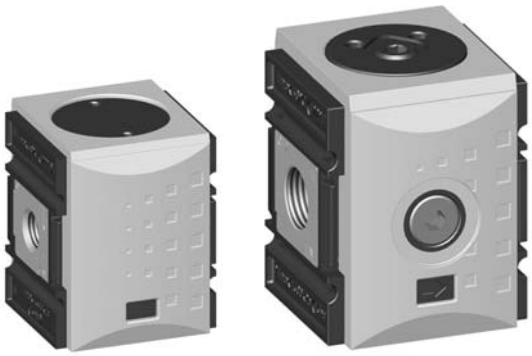
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

7

valvola di non ritorno G1/4"-G3/8"-G1/2"

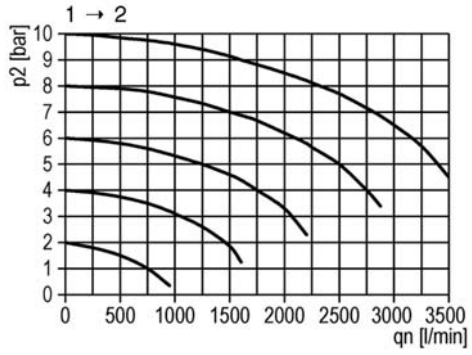
G1/4"-G3/8"-G1/2" non-return valve



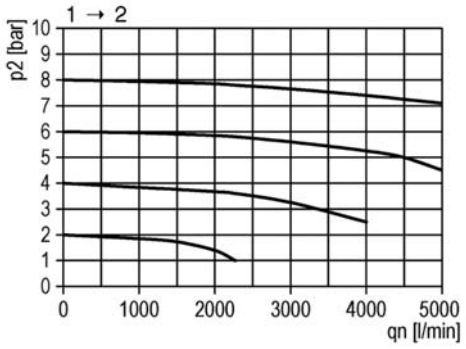
CODICE DI ORDINAZIONE *ORDER CODE*		**VNR 2K** **16.315.0**	**VNR 3K** **16.355.0**	**VNR 4K** **16.335.0**
Attacchi *Ports*		G1/4"	G3/8"	G1/2"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso *Weight*		0.24 kg	0.24 kg	0.37 kg
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa
Portata massima diretta *Direct maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	1250 Nl/min	1250 Nl/min	4500 Nl/min
Portata massima laterale *Maximum flow rate in side direction*	Q_{max}	700 Nl/min	700 Nl/min	1150 Nl/min

Portata diretta
Direct flow rate

G1/4"-G3/8"

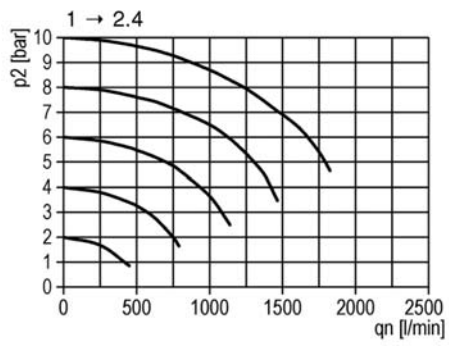


G1/2"

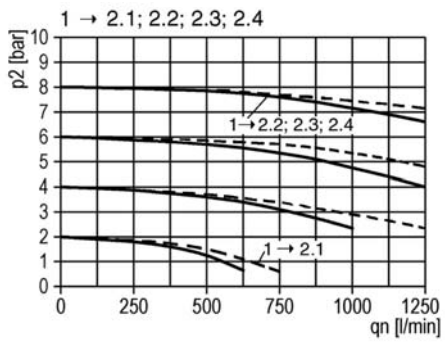


Portata laterale
Side flow rate

G1/4"-G3/8"



G1/2"



valvola di non ritorno G1/4"-G3/8"-G1/2"

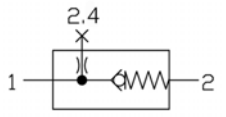
G1/4"-G3/8"-G1/2" non-return valve

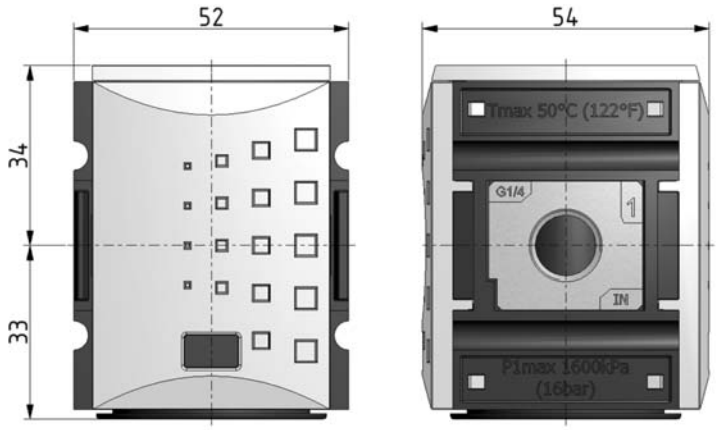
VNR 2K

VNR 3K

A richiesta disponibile con filetti NPT

On request available with NPT threads

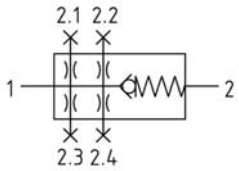


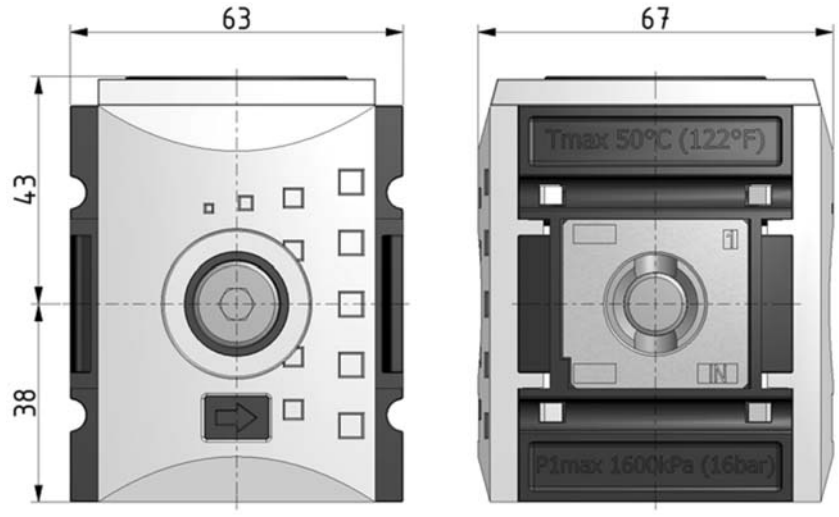


VNR 4K

A richiesta disponibile con filetti NPT

On request available with NPT threads





Materiali

Corpo: tecnopolimero

Guarnizioni: NBR

Parti interne: ottone e INOX

Materials

Body: technopolymer

Seals: NBR

Internal parts: brass and stainless steel

La staffa di fissaggio deve essere acquistata separatamente.

Mounting bracket is bought separately.

7

PRESA D'ARIA

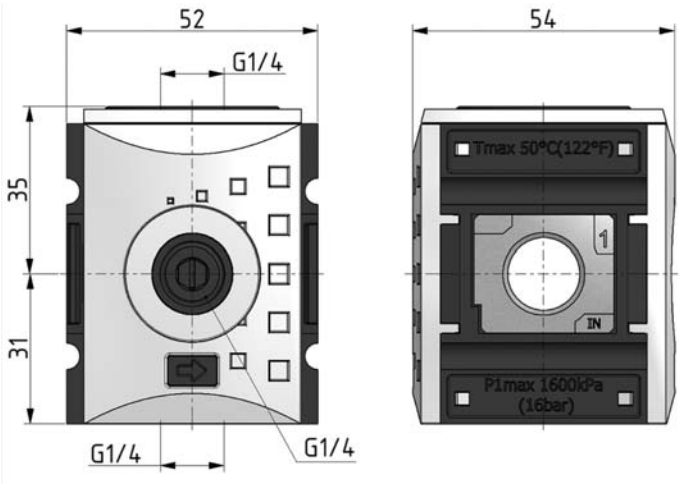
porting block

Può essere utilizzata per prelevare aria non lubrificata e/o non regolata

It can be used to provide unlubricated and/or unregulated air

G1/4" **PAI 2K-00** **16.312.0**

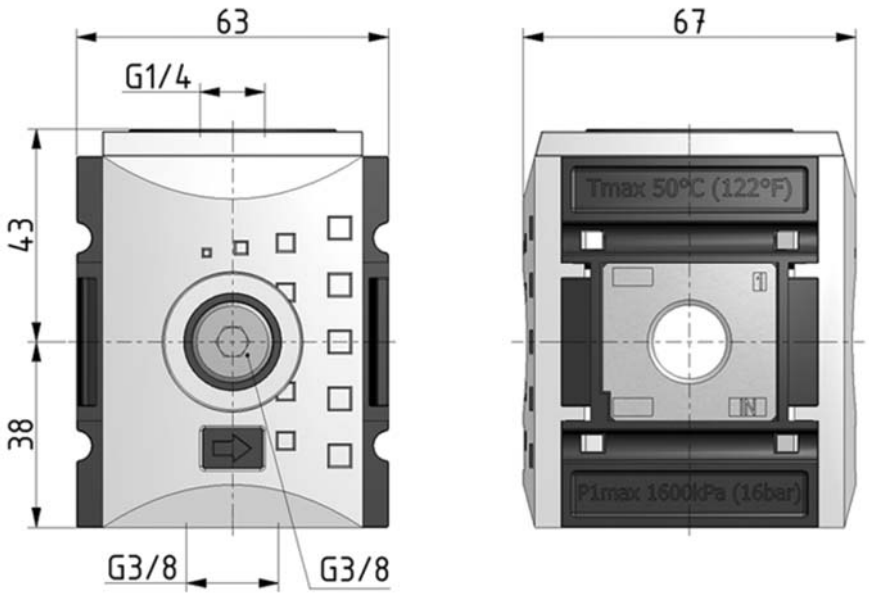
G3/8" **PAI 3K-00** **16.352.0**



A richiesta disponibile con filetti NPT

On request available with NPT threads

G1/2" **PAI 4K-00** **16.332.0**



A richiesta disponibile con filetti NPT

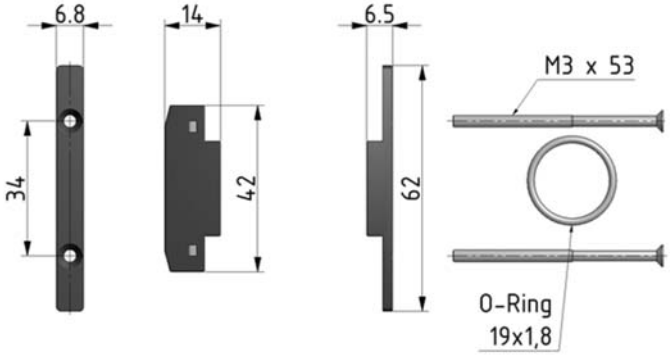
On request available with NPT threads

7

KIT MONTAGGIO
coupling kit

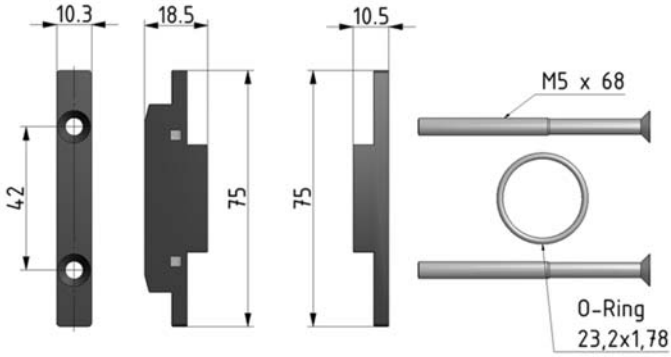
KIT 2K-00
16.313.0

G1/4"-G3/8"



KIT 4K-00
16.333.0

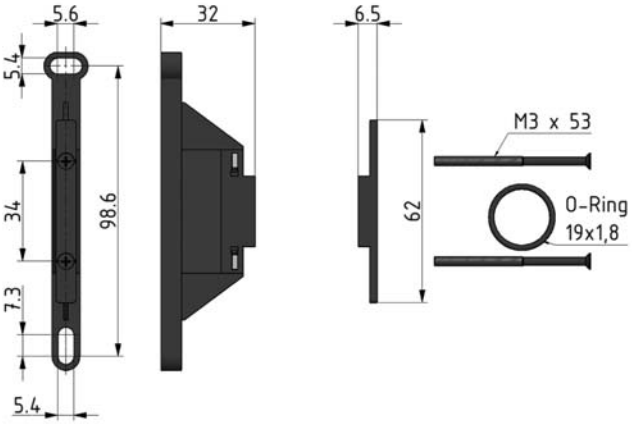
G1/2"



KIT MONTAGGIO CON STAFFA DI FISSAGGIO
coupling kit with mounting bracket

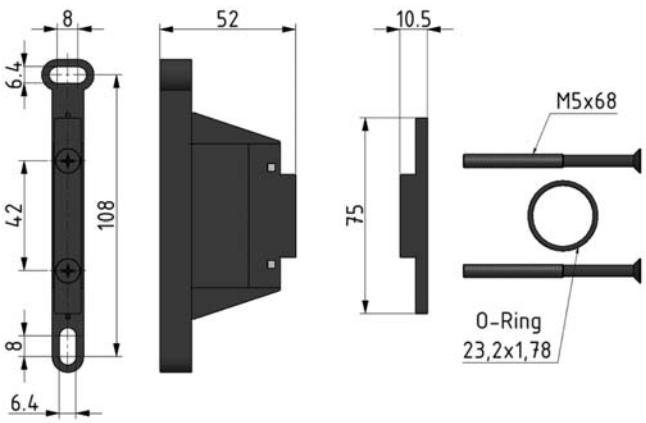
KIT 2K-01
16.314.0

G1/4"-G3/8"



KIT 4K-01
16.334.0

G1/2"

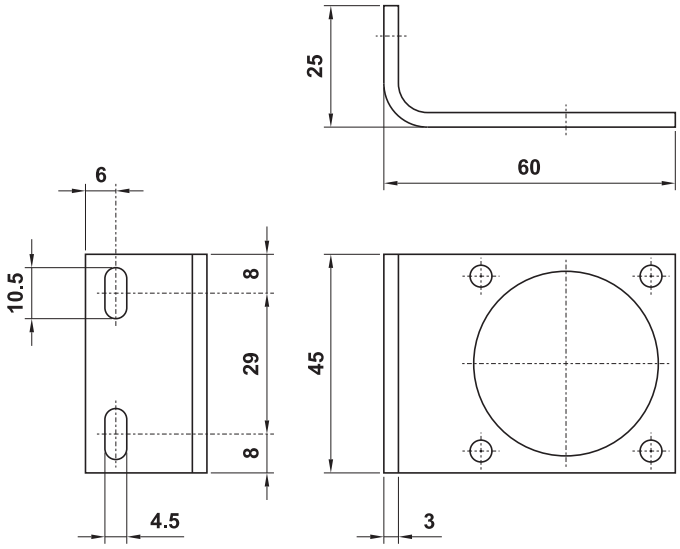


7

STAFFE DI FISSAGGIO
mounting brackets

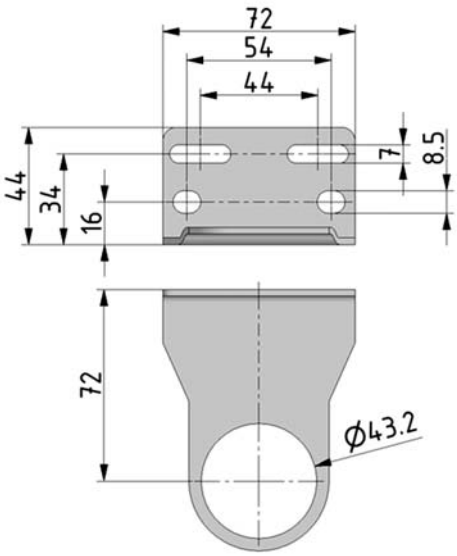
STF 3A
16.011.2

G1/4"-G3/8"

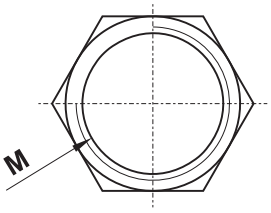


16.338.0

G1/2"



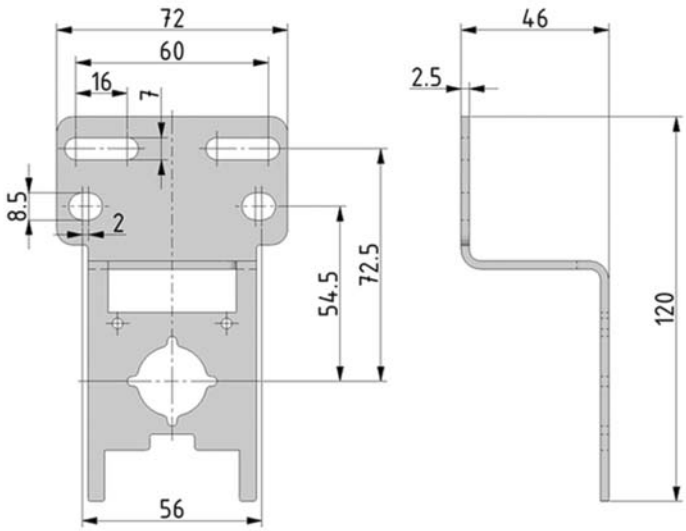
GHIERA DI FISSAGGIO
mounting ring



codice *part number*	per serie *for series*	M
16.030.0	G1/4"-G3/8"	M36x1.5
16.329.0	G1/2"	M42x1.5

16.289.0

G1/2"

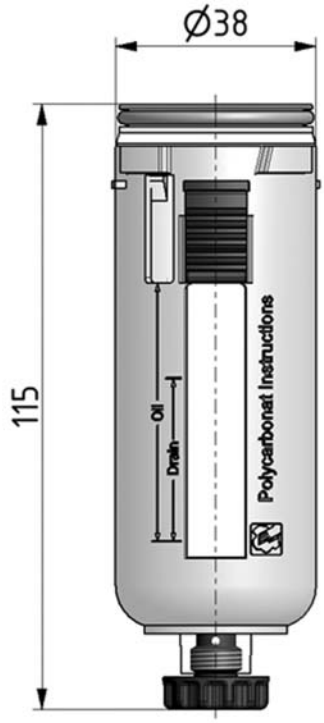


TAZZA PER FILTRO CON SCARICO SEMIAUTOMATICO

bowl for filter with semi-automatic moisture exhaust

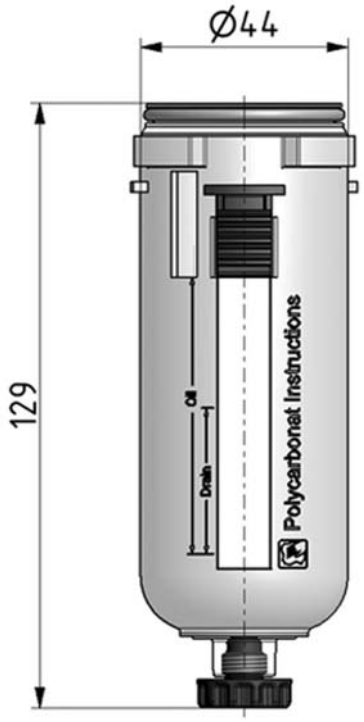
16.320.0

G1/4"-G3/8"



16.349.0

G1/2"

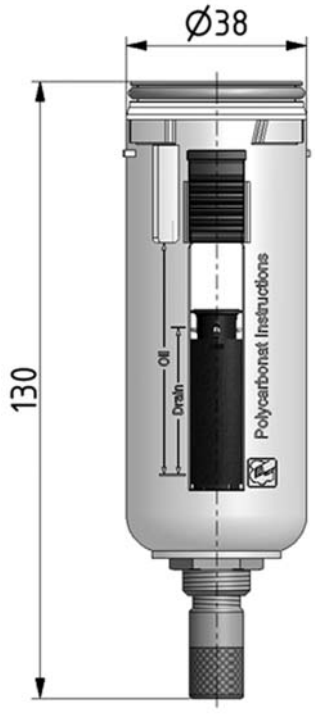


TAZZA PER FILTRO CON SCARICO AUTOMATICO

bowl for filter with automatic moisture exhaust

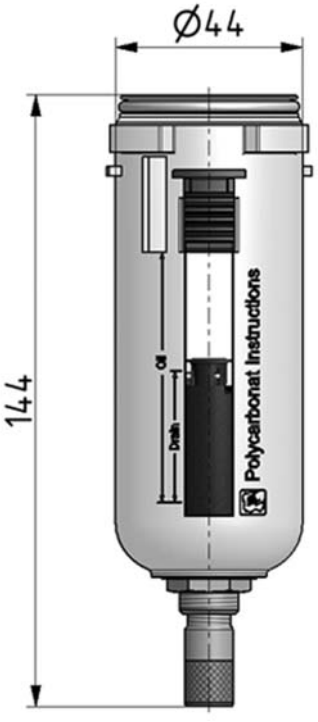
16.319.0

G1/4"-G3/8"



16.337.0

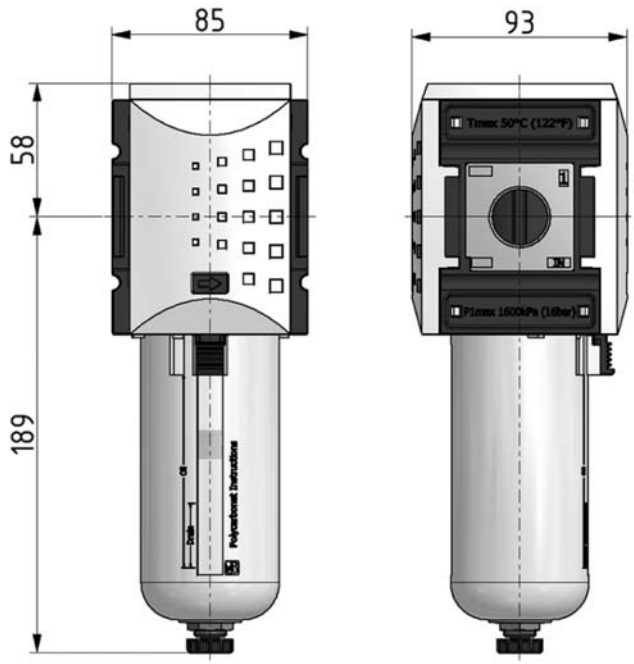
G1/2"



filtro separatore G1"

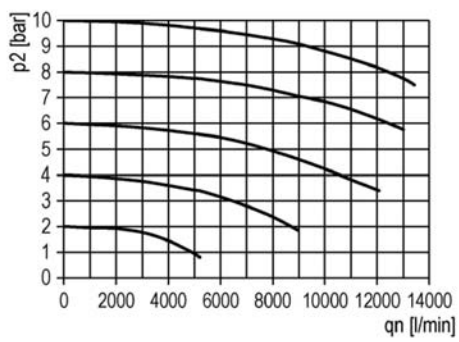
G1" filter-water-separator

- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
  Cyclone system and filter element
- Separazione condensa: 95%
  Moisture separation: 95%
- Scarico della condensa semiautomatico
  Semi-automatic moisture exhaust
- Disponibili anche microfiltro e filtro a carbone attivo
  Sub-micro-filter and activated carbon filter are also available
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Protezione della tazza di serie
  Bowl protection already mounted



CODICE DI ORDINAZIONE *ORDER CODE*		scarico semiautomatico *semi-automatic moisture exhaust*	**FIL 6K-05-S** **16.354.0**
		scarico automatico *automatic moisture exhaust*	**FIL 6K-05-A** **16.356.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	7500 Nl/min
Elemento filtrante *Filter element*			5 μm

Caratteristiche di portata
Flow characteristics

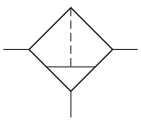


microfiltro
sub-micro-filter

MFIL 6K-S
16.367.0

filtro a carbone attivo
activated carbon filter

CFIL 6K-S
16.368.0



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

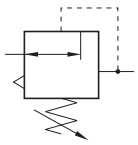
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

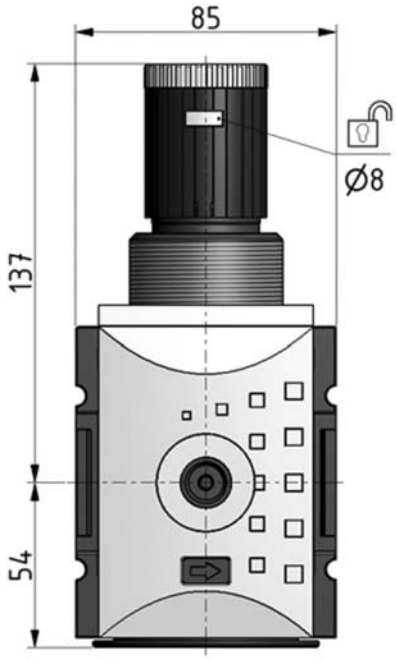
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

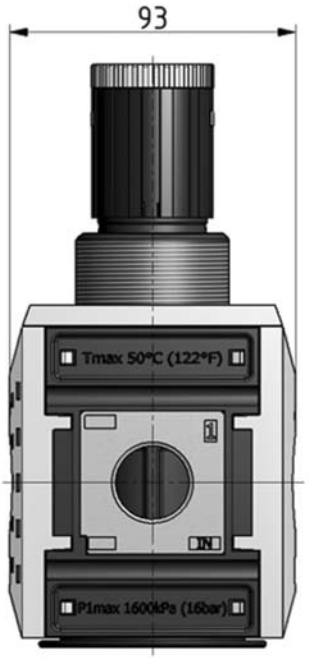
regolatore di pressione G1"

G1" pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Autocompensazione durante la regolazione
  Self-compensated regulation
- Installazione in linea o a pannello; staffa di fissaggio a richiesta
  In-line or panel mounting; bracket on request

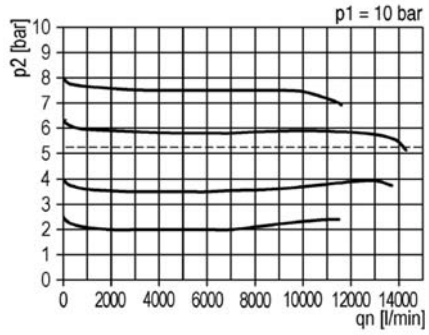




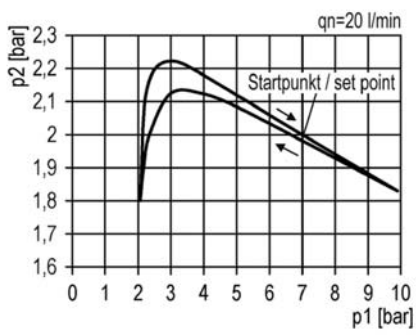


CODICE DI ORDINAZIONE *ORDER CODE*		**REG 6K-08** **16.359.0**
Attacchi *Ports*		G1"
Temperatura di esercizio *Temperature range*		0 ... +50°C
Pressione di alimentazione *Inlet pressure range*	$p_{1\ min}$ $p_{1\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*	$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	14000 Nl/min

Caratteristiche di portata
Flow characteristics



Isteresi
Hysteresis



La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

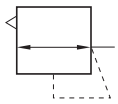
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

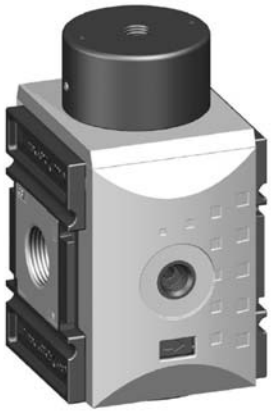
7

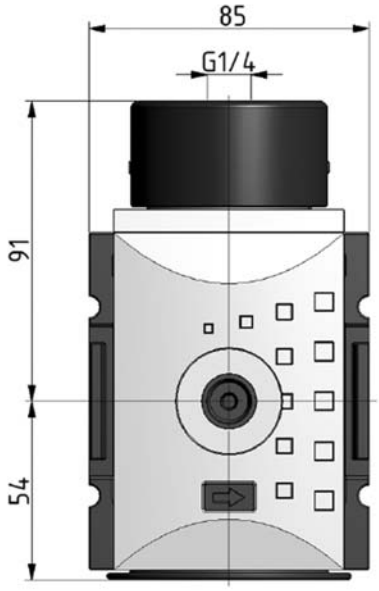
regolatore di pressione pilotato G1"

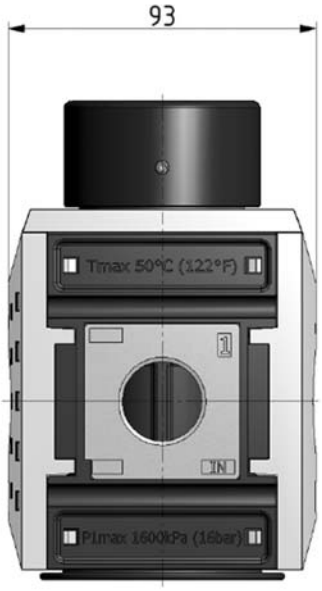
piloted G1" pressure regulator

- Regolatore a membrana con valvola di scarico sovrapressione (relieving)
  Diaphragm-type pressure regulator with relieving
- Si può pilotare in remoto e può essere installato in posizioni difficilmente accessibili
  It can be remotely piloted and therefore installed in difficult reachable positions
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request





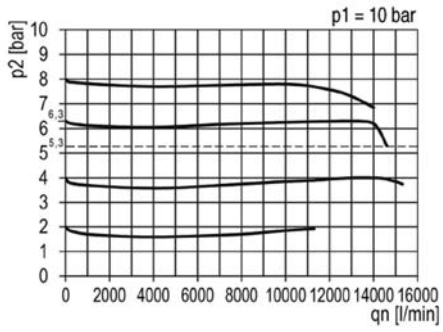




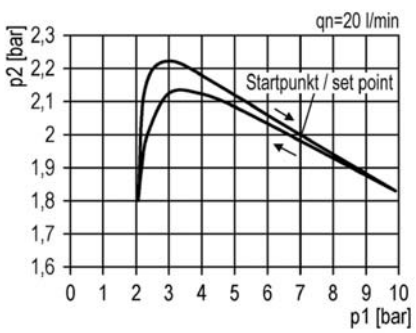
7

CODICE DI ORDINAZIONE *ORDER CODE*			**REGP 6K-08** **16.353.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	0 bar; 0 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	14000 Nl/min

Caratteristiche di portata
Flow characteristics



Isteresi
Hysteresis



La staffa di fissaggio e il manometro devono essere acquistati separatamente.
Mounting bracket and manometer are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

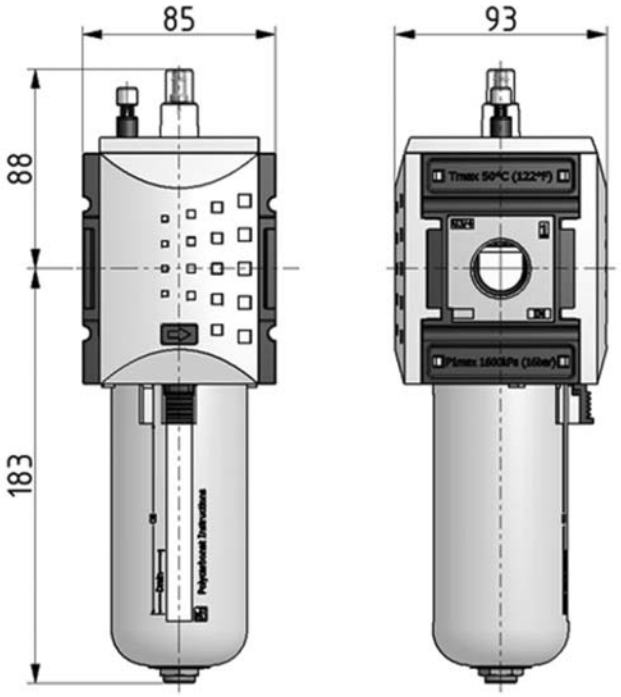
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

lubrificatore G1"

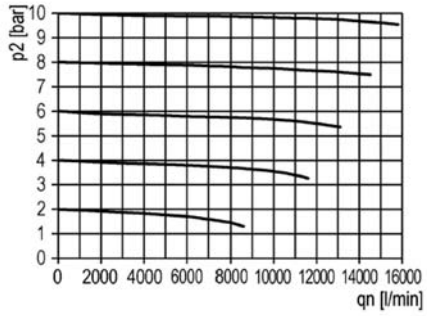
G1" lubricator

- Lubrificatore venturi con compensazione automatica della portata
  Oil mist lubricator with flow compensation
- Rifornimento olio manuale anche in presenza di pressione
  Manual oil refilling, possible also in presence of pressure
- Installazione verticale; staffa di fissaggio a richiesta
  Vertical installation; bracket on request
- Protezione della tazza di serie
  Bowl protection already mounted
- Capacità tazza: 181 cm³
  Bowl capacity: 181 cm³

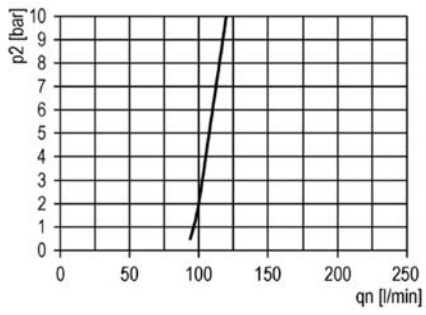


CODICE DI ORDINAZIONE *ORDER CODE*			**LUB 6K-00** **16.360.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	14000 Nl/min

Caratteristiche di portata
Flow characteristics



Rapporto olio/aria
Oil/air ratio



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

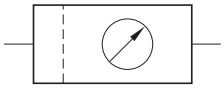
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

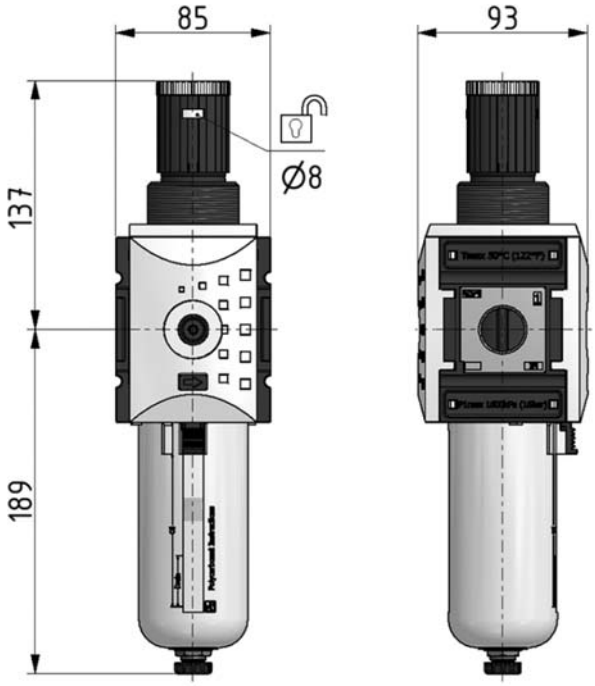
7

filtroregolatore G1"

G1" filter-regulator

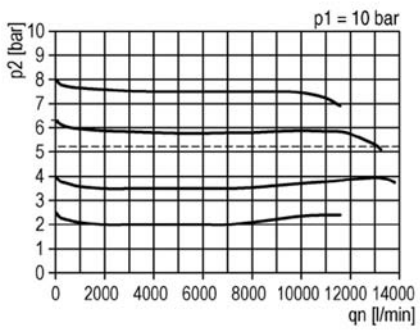
- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 µm
- Protezione della tazza di serie
  Bowl protection already mounted
- Installazione in linea o a pannello; staffa di fissaggio a richiesta
  In-line or panel mounting; bracket on request



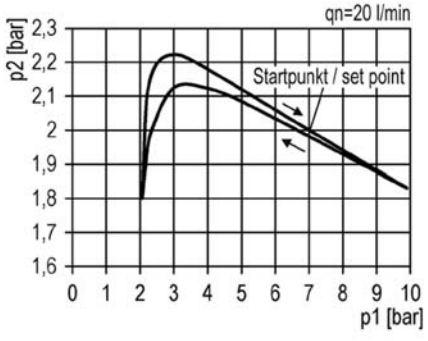


CODICE DI ORDINAZIONE *ORDER CODE*		scarico semiautomatico *semi-automatic moisture exhaust*	**FR 6K-08-05-S** **16.363.0**
		scarico automatico *automatic moisture exhaust*	**FR 6K-08-05-A** **16.364.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	13000 Nl/min

Caratteristiche di portata
Flow characteristics



Isteresi
Hysteresis



La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".

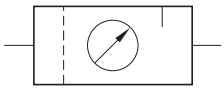
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

gruppo trattam. aria FR+L G1"

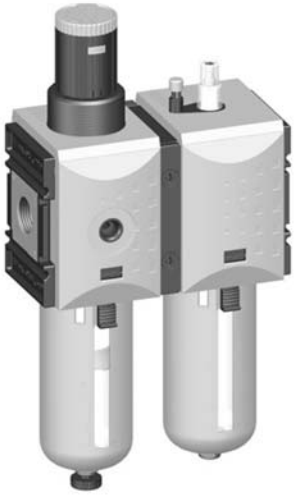
G1" FR+L air preparation unit

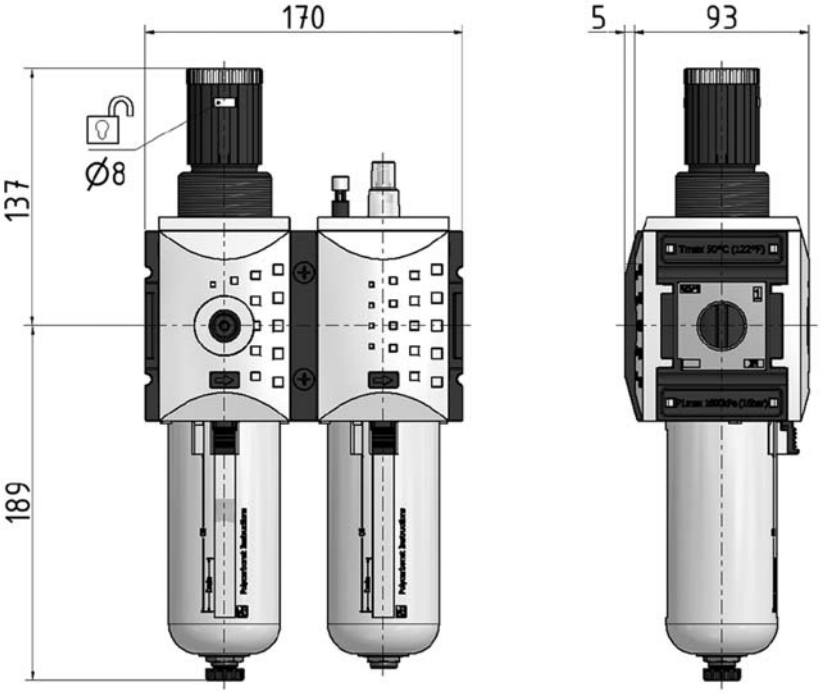
- Regolatore a membrana con valvola di scarico sovrapressione (relieving); filtro 5 μm
  Diaphragm-type pressure regulator with relieving; filter 5 µm
- Capacità tazza: 181 cm³; protezione della tazza di serie
  Bowl capacity: 181 cm³; bowl protection already mounted



La staffa e la ghiera di fissaggio devono essere acquistate separatamente.
Mounting bracket and ring are bought separately.

Filetto per manometro: G1/4".
Thread for manometer: G1/4".



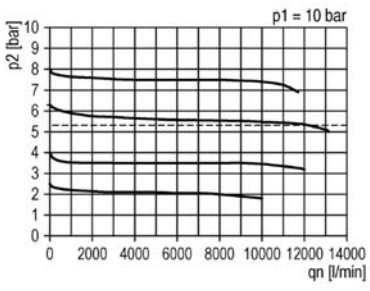


CODICE DI ORDINAZIONE *ORDER CODE*			
	scarico semiautomatico *semi-automatic moisture exhaust*		**FR+L 6K-08-05-S** **16.365.0**
	scarico automatico *automatic moisture exhaust*		**FR+L 6K-08-05-A** **16.366.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di alimentazione *Inlet pressure range*		$p_{1\ min}$ $p_{1\ max}$	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Pressione di utilizzo *Outlet pressure range*		$p_{2\ min}$ $p_{2\ max}$	0 bar; 0 MPa 8 bar; 0.8 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	12000 Nl/min

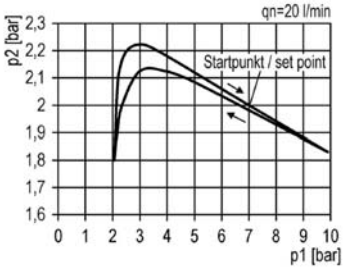
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

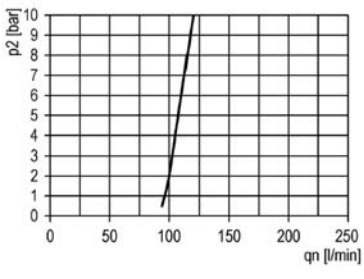
Caratteristiche di portata
Flow characteristics



Isteresi
Hysteresis



Rapporto olio/aria
Oil/air ratio

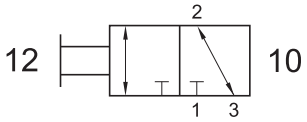


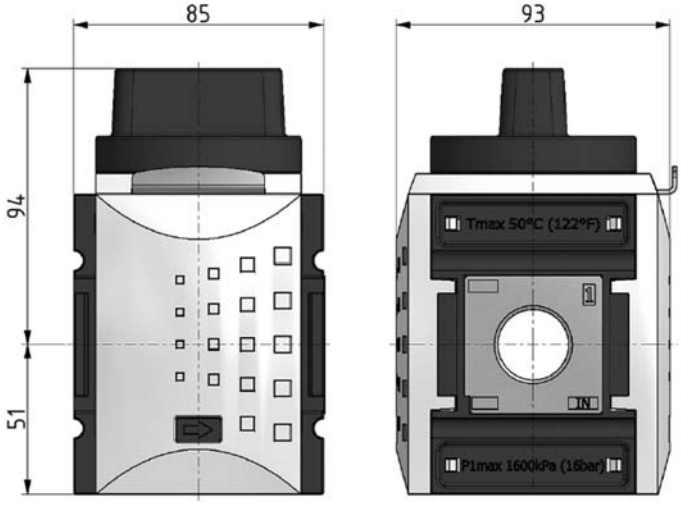
7

valv. sezionam. circuito 3/2 G1"

3/2 G1" shut-off valve

- Elemento modulare ad alte prestazioni
  High performance modular element
- Elevata portata in scarico
  High exhaust flow rate
- Comando manuale; possibilità di chiusura a lucchetto
  Manual actuation; it can be secured with a padlock
- Installazione in qualsiasi posizione
  Installation in any position





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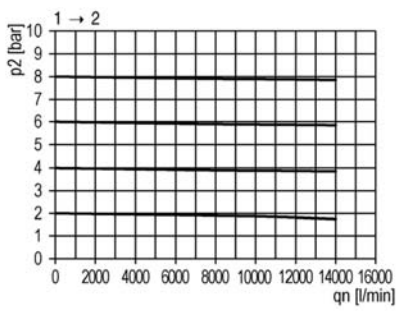
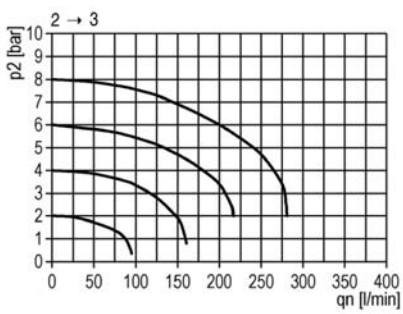
CODICE DI ORDINAZIONE *ORDER CODE*		**SR-M6K** **16.369.0**
Attacchi *Ports*		G1"
Temperatura di esercizio *Temperature range*		0 ... +50°C
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	14000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	400 Nl/min

Portata in entrata
Inlet flow rate



Portata in scarico
Exhaust flow rate



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

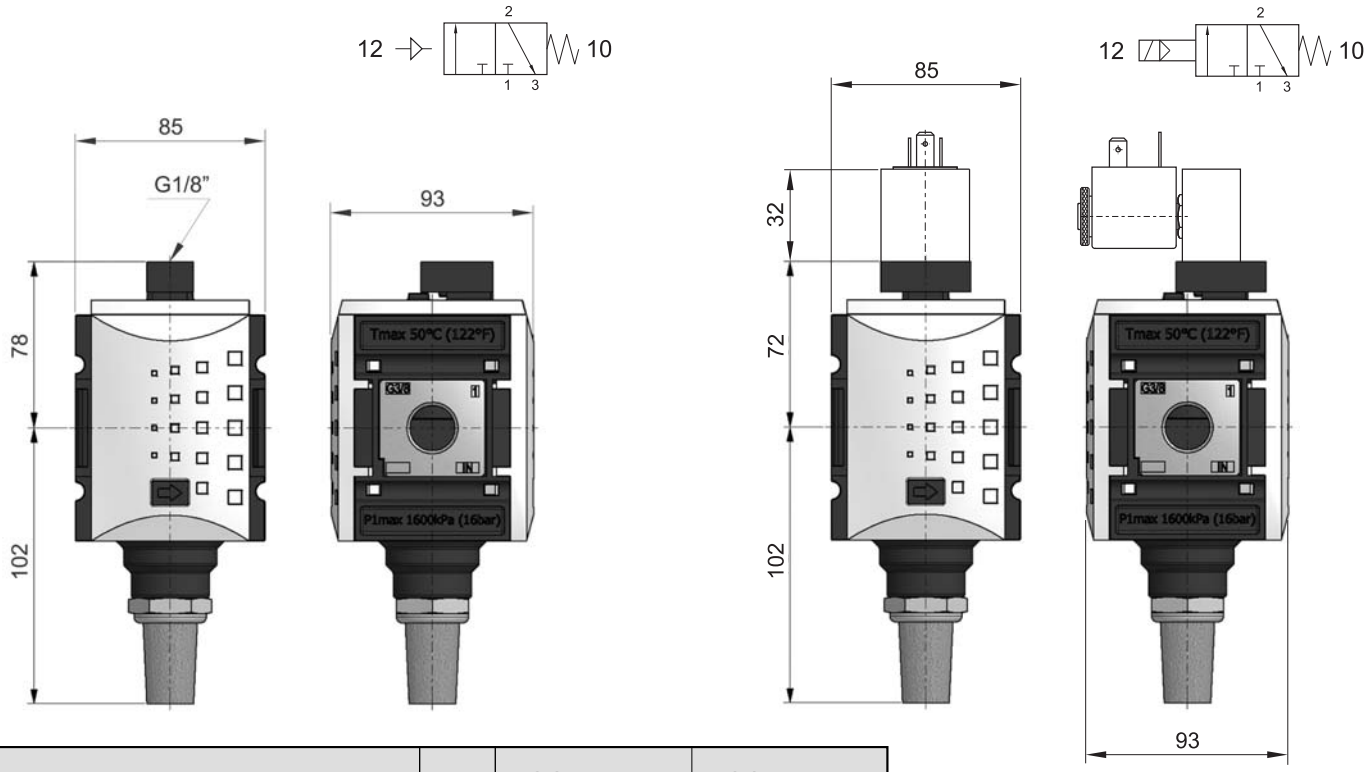
Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

valvola di scarico rapido G1"

G1" quick exhaust valve

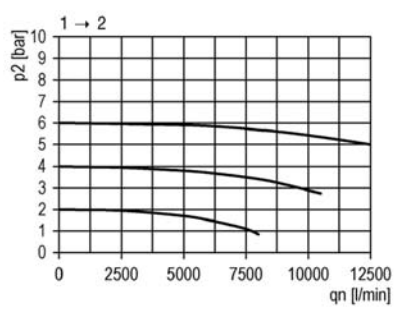
- Valvola 3/2 di scarico rapido e sezionamento circuito a **comando pneumatico** e **elettrico**
  Pneumatically and solenoid actuated 3/2 quick exhaust and shut-off valve

- Elevata portata in scarico
  High exhaust flow rate

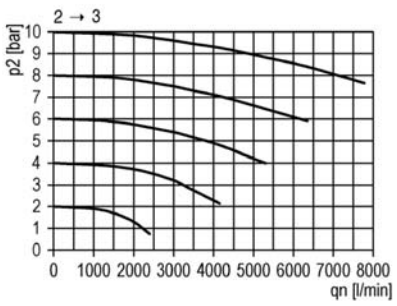


CODICE DI ORDINAZIONE *ORDER CODE*		**SCR 6K-P** **16.370.0**	**SCR 6K-E** **16.370.3**
Azionamento *Actuation*		pneumatico *pneumatic*	elettrico* *solenoid**
Attacchi *Ports*		G1"	G1"
Temperatura di esercizio *Temperature range*		0 ... +50°C	0 ... +50°C
Pressione di esercizio *Working pressure range*	p_{min} p_{max}	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa
Portata massima in entrata *Inlet maximum flow rate* p = 6.3 bar; Δp = 1 bar	Q_{max}	11000 Nl/min	11000 Nl/min
Portata massima in scarico *Exhaust maximum flow rate*	Q_{max}	4000 Nl/min	4000 Nl/min

Portata in entrata
Inlet flow rate



Portata in scarico
Exhaust flow rate



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

* Il prodotto è venduto senza bobina, da acquistarsi separatamente (vedi pag. 357).
** The product is sold without coil, which is bought separately (refer to page 357).*

Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

7

avviatore progressivo G1"

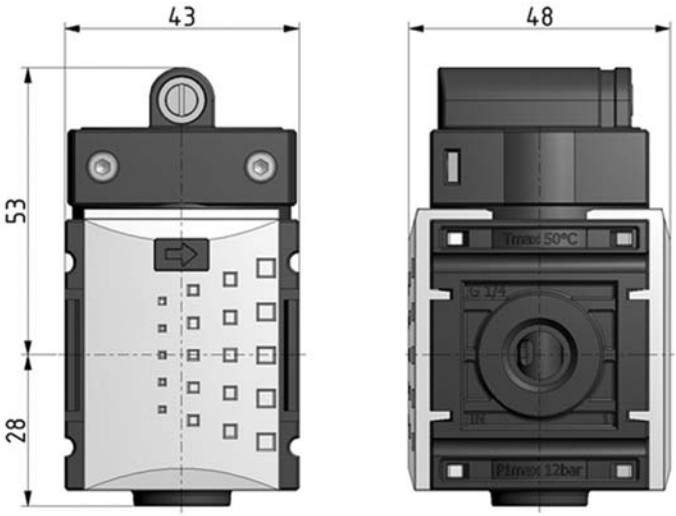
G1" slow-start valve

Modalità di funzionamento

La valvola fornisce a un circuito pneumatico aria a pressione progressivamente crescente fino a raggiungere la metà della pressione di rete nel tempo impostato con la vite di regolazione integrata. Durante questa fase non devono essere attivi gli elementi del circuito che consumano aria. Raggiunta la soglia di commutazione, l'avviatore progressivo passa automaticamente a fornire la pressione di rete.
L'avviatore progressivo impedisce eventuali movimenti improvvisi dei dispositivi pneumatici montati nel circuito, che si potrebbero avere se venisse fornita immediatamente la pressione di rete.

Valve operation

The valve applies to a pneumatic circuit a progressively increasing pressure over a period of time set by the integrated screw. During this phase no air consumption is allowed in the circuit. After having reached the half of the system pressure, the slow-start valve begins to automatically feed the circuit with the system pressure.
The slow-start valve prevents from unexpected motions of the pneumatic devices in the circuit, which could happen by applying directly the system pressure.



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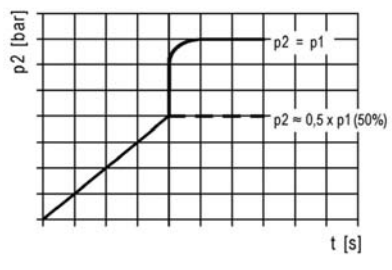
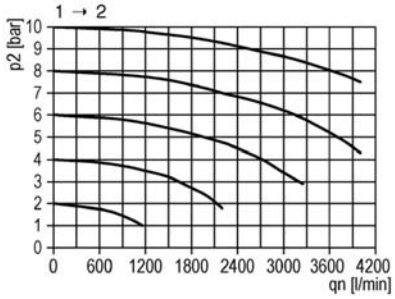
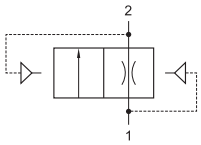
CODICE DI ORDINAZIONE *ORDER CODE*			**AVP 6K-00** **16.371.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	2.5 bar; 0.25 MPa 16 bar; 1.6 MPa
Portata massima *Maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	1900 Nl/min

Rapporto tempo/pressione
Time/pressure ratio



Portata in scarico
Exhaust flow rate





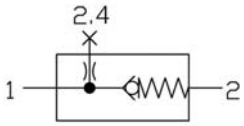
La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

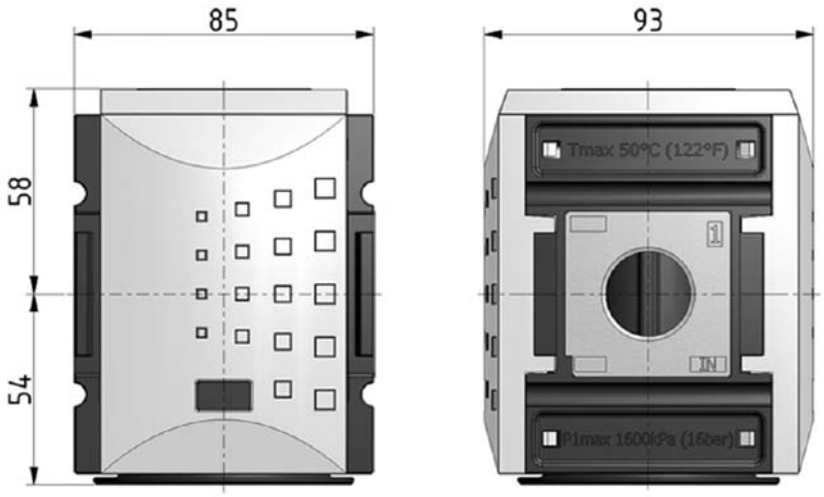
Materiali
Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX

Materials
Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel

valvola di non ritorno G1"

G1" non-return valve





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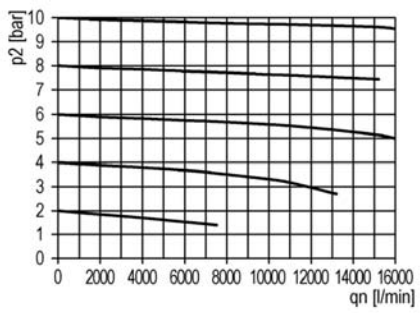
CODICE DI ORDINAZIONE *ORDER CODE*			**VNR 6K** **16.376.0**
Attacchi *Ports*			G1"
Temperatura di esercizio *Temperature range*			0 ... +50°C
Pressione di esercizio *Working pressure range*		p_{min} p_{max}	0.4 bar; 0.04 MPa 16 bar; 1.6 MPa
Portata massima diretta *Direct maximum flow rate*	p = 6.3 bar; Δp = 1 bar	Q_{max}	14000 Nl/min

Portata diretta

Direct flow rate



La staffa di fissaggio deve essere acquistata separatamente.

Mounting bracket is bought separately.

Materiali

Corpo: tecnopolimero

Guarnizioni: NBR

Parti interne: ottone e INOX

Materials

Body: technopolymer

Seals: NBR

Internal parts: brass and stainless steel

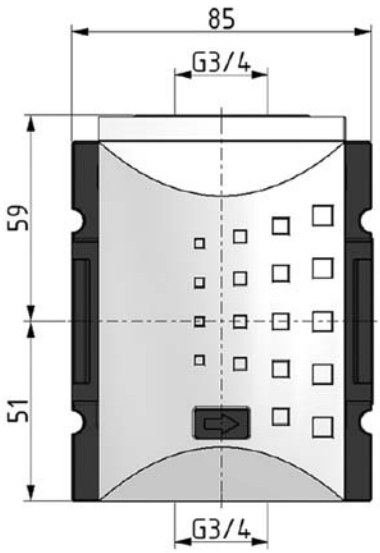
PRESA D'ARIA

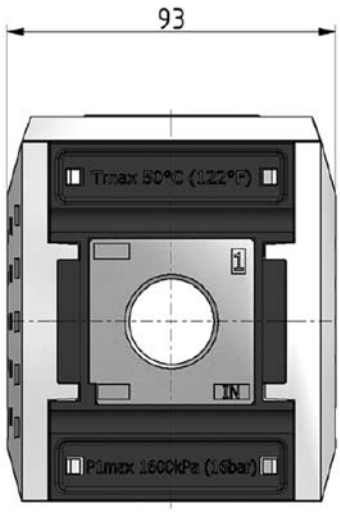
porting block

Può essere utilizzata per prelevare aria non lubrificata e/o non regolata

It can be used to provide unlubricated and/or unregulated air

G1" **PAI 6K-00** **16.372.0**

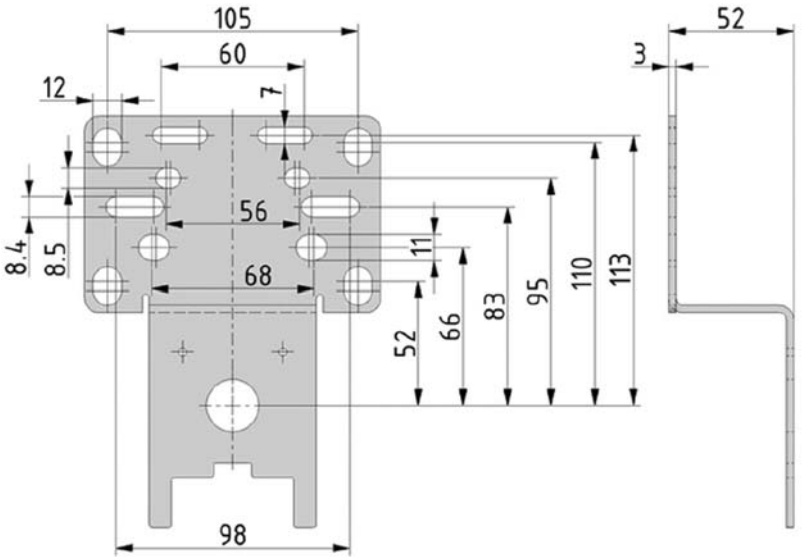




STAFFA DI FISSAGGIO

mounting bracket

G1" **16.375.0**



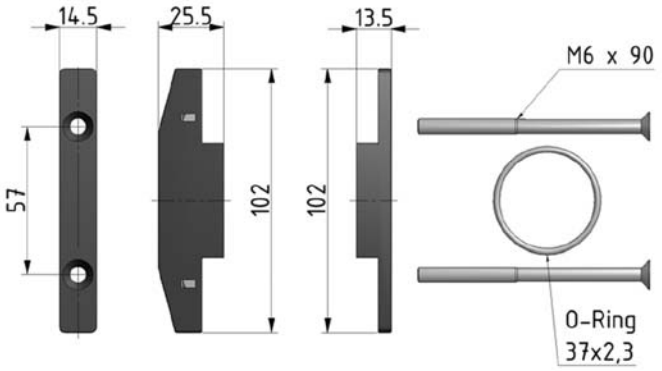
Ogni pezzo è venduto in kit con i particolari necessari al suo assemblaggio

Each element is sold in kit with all necessary pieces for installation

KIT MONTAGGIO
coupling kit

KIT 6K-00
16.373.0

G1″

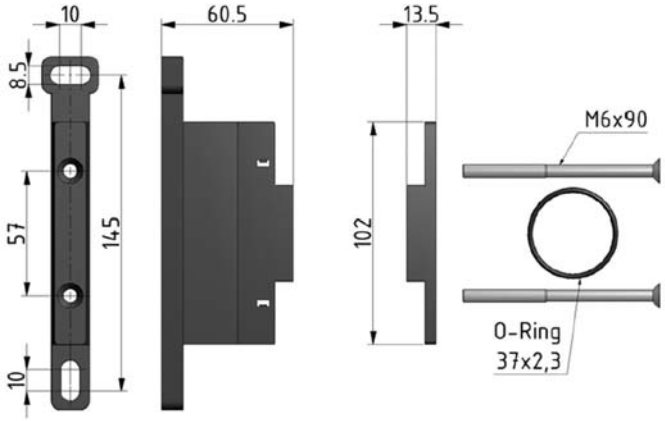


Ogni pezzo è venduto in kit con i particolari necessari al suo assemblaggio
Each element is sold in kit with all necessary pieces for installation

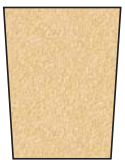
KIT MONTAGGIO CON STAFFA DI FISSAGGIO
coupling kit with mounting bracket

KIT 6K-01
16.374.0

G1″



Ogni pezzo è venduto in kit con i particolari necessari al suo assemblaggio
Each element is sold in kit with all necessary pieces for installation

descrizione *description*			dimensione *size*	codice di ordinazione *order code*
	**TAZZA PER LUBRIFICATORE** *bowl for lubricator*		G1/4" MINI	**16.284.0**
			G1/4"-G3/8"	**16.309.0**
			G1/2"	**16.275.0**
			G1"	**16.271.0**
	**TAZZA PER FILTRO** *bowl for filter*	scarico semiautomatico *semi-automatic exhaust*	G1/4" MINI	**16.282.0**
			G1/4"-G3/8"	**16.320.0**
			G1/2"	**16.349.0**
			G1"	**16.270.0**
	**TAZZA PER FILTRO** *bowl for filter*	scarico automatico *automatic exhaust*		
			G1/4"-G3/8"	**16.319.0**
			G1/2"	**16.337.0**
			G1"	**16.357.0**
	**ELEMENTO FILTRANTE** *filter element*	5 μm	G1/4" MINI	**16.285.0**
		5 μm	G1/4"-G3/8"	**16.285.0**
		5 μm	G1/2"	**16.276.0**
		5 μm	G1"	**16.272.0**

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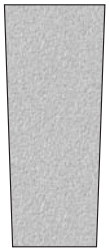
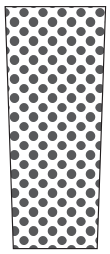
descrizione *description*		dimensione *size*	codice di ordinazione *order code*
	**CARTUCCIA MICROFILTRO** *sub-micro-filter element*	G1/4"-G3/8"	**16.280.0**
		G1/2"	**16.277.0**
		G1"	**16.273.0**
	**ELEMENTO FILTRANTE CARBONE ATTIVO** *activated carbon filter element*	G1/4"-G3/8"	**16.281.0**
		G1/2"	**16.278.0**
		G1"	**16.274.0**

KIT MONTAGGIO CON STAFFA DI FISSAGGIO E FILETTO INCORPORATO

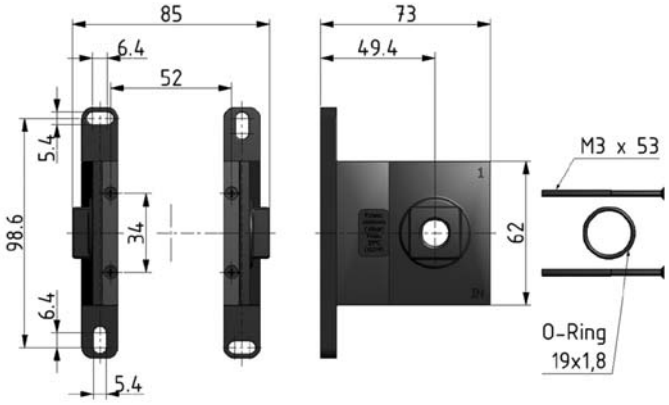
coupling kit with mounting bracket and embedded thread

Consente di sostituire il gruppo trattamento aria senza smontare i tubi e i fissaggi dal pannello.
It allows to replace the air treatment units without removing the tubes and the mounting brackets from the panel.

Ogni pezzo è venduto in kit con i particolari necessari al suo assemblaggio.
Each element is sold in kit with all necessary pieces for installation.

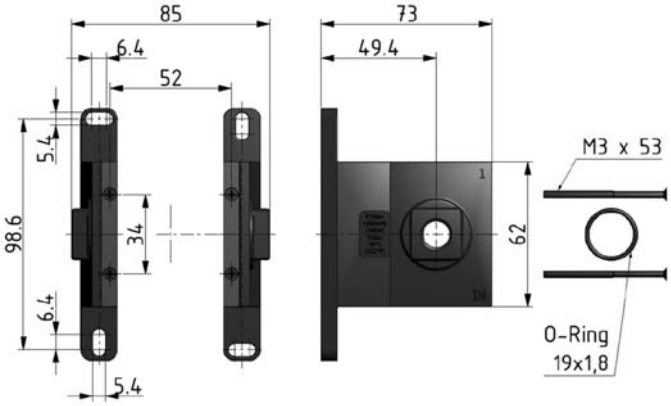
16.267.0

G1/4"



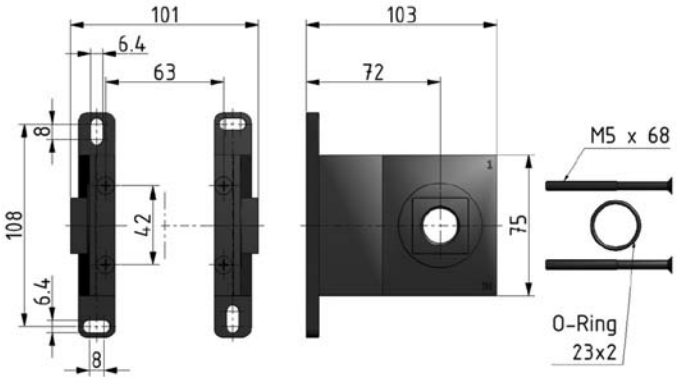
16.268.0

G3/8"



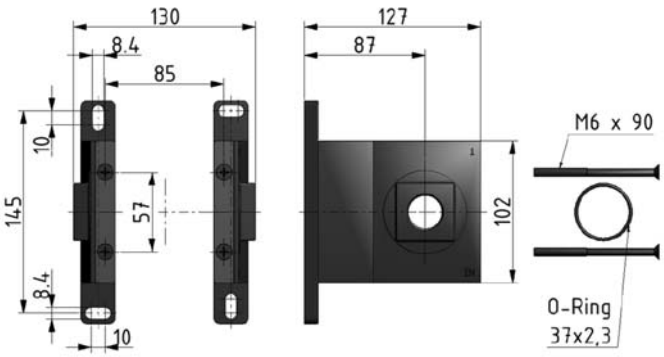
16.269.0

G1/2"



16.279.0

G1"



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