

AFI è la serie di filtri particolarmente indicata per applicazioni industriali su linee di ritorno e aspirazione. Funzionando ad una pressione massima di 2.000.000 Pa (20 bar), trovano impiego anche su linee di mandata a bassa pressione.

Materiali e tecnologie avanzate, impiegate per la costruzione degli elementi filtranti, consentono elevate prestazioni ed efficienza conformi alle norme ISO vigenti relative alla qualità degli stessi elementi filtranti.

*The AFI series is particularly suitable for industrial use, to be installed on return and suction lines. Operating at a maximum pressure of 2.000.000 Pa (20 bar), they can be used also on low pressure delivery lines.*

*Materials and advanced technology used in the construction of filtering elements, guarantee a high level of performance and efficiency completely in conformity with the ISO regulations at present in force.*



## AFI (20 bar)

FILTRI IN ASPIRAZIONE  
E SUL RITORNO

SUCTION AND RETURN  
FILTER SERIES



**LA SERIE DI FILTRI AFI È  
 CONFORME ALLE SEGUENTI NORME ISO:**

- ISO 2941** - Oleoidraulica - Elementi filtranti - Verifica della resistenza allo schiacciamento o allo scoppio
- ISO 2942** - Oleoidraulica - Elementi filtranti - Verifica dell'integrità di fabbricazione e determinazione del punto di prima bolla
- ISO 2943** - Oleoidraulica - Elementi filtranti - Verifica della compatibilità dei materiali con i fluidi
- ISO 3723** - Oleoidraulica - Elementi filtranti - Verifica della resistenza alla deformazione assiale
- ISO 3724** - Oleoidraulica - Elementi filtranti - Verifica della resistenza a fatica per variazioni di portata
- ISO 3968** - Oleoidraulica - Filtri - Determinazione della perdita di carico in funzione della portata
- ISO 16889** - Oleoidraulica - Filtri - Metodo Multi-pass valutazione delle caratteristiche di filtrazione di un elemento filtrante

**AFI FILTER SERIES IS SUITABLE  
 TO THE FOLLOWING ISO STANDARDS:**

- ISO 2941** - Hydraulic fluid power - Filter elements - Verification of collapse / burst resistance
- ISO 2942** - Hydraulic fluid power - Filter elements - Verification of fabrication integrity and determination of the first bubble point
- ISO 2943** - Hydraulic fluid power - Filter elements - Verification of material compatibility with fluids
- ISO 3723** - Hydraulic fluid power - Filter elements - Method for end load test
- ISO 3724** - Hydraulic fluid power - Filter elements - Verification of flow fatigue characteristics
- ISO 3968** - Hydraulic fluid power - Filters - Evaluation of pressure drop versus flow characteristics
- ISO 16889** - Hydraulic fluid power - Filters - Multi-pass method for evaluating filtration performance of a filter element

**MATERIALI (elementi filtranti)**

|                         |  |
|-------------------------|--|
| <b>Fondelli</b>         | Lamiera zincata                                  |
| <b>Tubo di sostegno</b> | Lamiera zincata                                  |
| <b>Reti di supporto</b> | Acciaio galvanizzato con rivestimento epossidico |

**MATERIALS (filter elements)**

|                     |                                    |
|---------------------|------------------------------------|
| <b>End caps</b>     | Galvanized sheet iron              |
| <b>Support tube</b> | Galvanized sheet iron              |
| <b>Support mesh</b> | Galvanized steel with epox coating |

**SETTI FILTRANTI**
**FILTRATION MATERIALS**

| Elementi Filtranti<br>Filter elements | Descrizione<br>Description         | Materiale<br>Material                | Grado di filtrazione<br>Filtration<br>( $\mu\text{m}$ ) | Rapporto $\beta$ / $\beta$ Ratio |                                      |
|---------------------------------------|------------------------------------|--------------------------------------|---|----------------------------------|--------------------------------------|
|                                       |                                    |                                      |   | ISO 4572<br>$\beta_{x \geq 200}$ | ISO 16889<br>$\beta_{x(c) \geq 200}$ |
| C10                                   | Carta trattata / Treated paper     | Fibre di cellulosa / Cellulose fibre | 10  | -                                | -                                    |
| C25                                   | Carta trattata / Treated paper     | Fibre di cellulosa / Cellulose fibre | 25  | -                                | -                                    |
| F03                                   | Fibra inorganica / Inorganic fibre | Fibra di vetro / Glass fibre         | 3   | 3                                | 5                                    |
| F06                                   | Fibra inorganica / Inorganic fibre | Fibra di vetro / Glass fibre         | 6   | 6                                | 6                                    |
| F10                                   | Fibra inorganica / Inorganic fibre | Fibra di vetro / Glass fibre         | 10  | 10                               | 9                                    |
| F25                                   | Fibra inorganica / Inorganic fibre | Fibra di vetro / Glass fibre         | 25  | 25                               | 20                                   |
| R60                                   | Rete a maglia quadra / Square mesh | Aisi 304                             | 60  | -                                | -                                    |
| R90                                   | Rete a maglia quadra / Square mesh | Aisi 304                             | 90  | -                                | -                                    |
| R125                                  | Rete a maglia quadra / Square mesh | Aisi 304                             | 125   | -                                | -                                    |
| R250                                  | Rete a maglia quadra / Square mesh | Aisi 304                             | 250   | -                                | -                                    |

**SUPERFICI UTILI (cm<sup>2</sup>) ELEMENTI FILTRANTI**
**FILTRATION AREA (cm<sup>2</sup>) FILTER ELEMENTS**

| Elementi filtranti / Filter elements | CFI025 | CFI040 | CFI100 | CFI250 | CFI630 | CFI850 |
|--------------------------------------|--------|--------|--------|--------|--------|--------|
| C10 - C25                            | 500    | 890    | 1380   | 4650   | 7080   | 14930  |
| F03 - F06 - F10 - F25                | 380    | 820    | 1260   | 3780   | 7080   | 11150  |
| R60 - R90 - R125 - R250              | 280    | 450    | 700    | 1860   | 3620   | 15700  |

**MATERIALI (corpo)**

|                           |  |
|---------------------------|--|
| <b>Contenitore</b>        | AFI025/040/100/250/: Alluminio                       |
| <b>Coperchio</b>          | AFI025/040/100/250/: Alluminio                       |
| <b>Guarnizioni</b>        | N: Nitrilica (Buna-N)<br>V: Fluoroelastomero (viton) |
| <b>Valvola di by-pass</b> | Materiale plastico                                   |
| <b>Indicatore</b>         | Ottone   |

**MATERIALS (housing)**

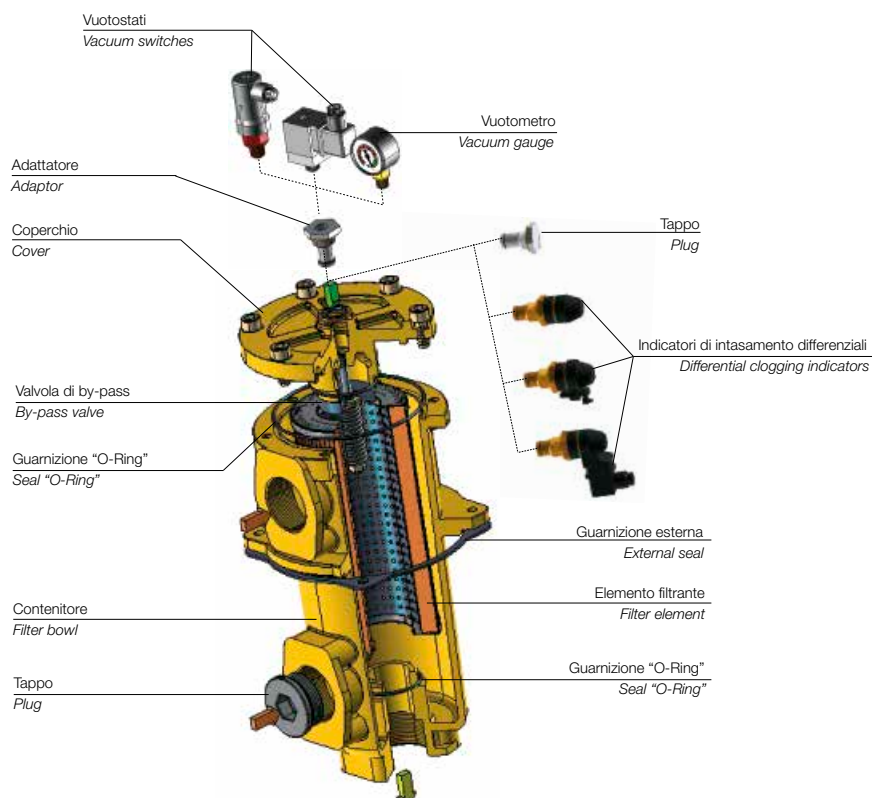
|                      |   |
|----------------------|---|
| <b>Housing</b>       | AFI025/040/100/250/: Aluminium                    |
| <b>Cover</b>         | AFI025/040/100/250/: Aluminium                    |
| <b>Seals</b>         | N: Nitrile (Buna-N)<br>V: Fluoroelastomer (viton) |
| <b>By-pass valve</b> | Plastic material                                  |
| <b>Indicator</b>     | Brass   |

**CONDIZIONI DI ESERCIZIO**

|   |   |
|---|---|
| <b>Pressioni corpo filtro</b>                         | Pressione massima d'esercizio:<br>2.000.000 Pa (20 bar)<br>Pressione di collaudo:<br>3.000.000 Pa (30 bar)<br>Pressione di scoppio:<br>60.000.000 Pa (60 bar) |
| <b>Temperatura d'esercizio</b>                        | Da -25 a +95 C  |
| <b>Pressioni di collasso degli elementi filtranti</b> | 1.000.000 Pa (10 bar)   |
| <b>Pressione taratura valvola di by-pass</b>          | Ritorno: 300.000 Pa ±10% (3 bar) (inizio apertura)<br>Aspirazione: 25.000 Pa ±10% (0.25 bar) (inizio apertura)  |
| <b>Compatibilità con i liquidi - ISO 2943</b>         | Compatibili con oli minerali tipo (HH, HM, HR, HV, HG secondo ISO 6743/4)   |

**WORKING CONDITIONS**

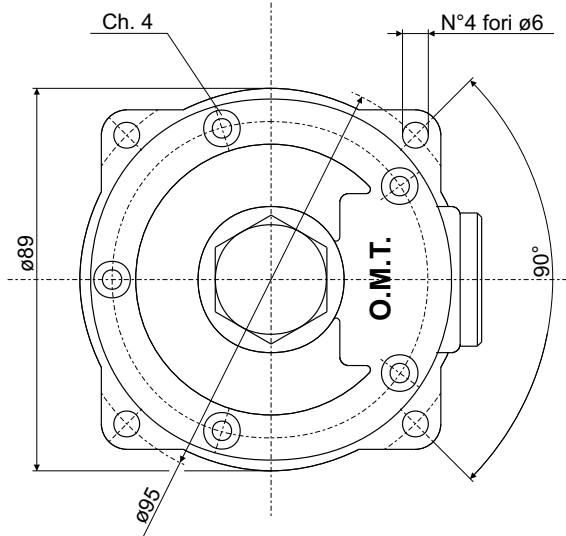
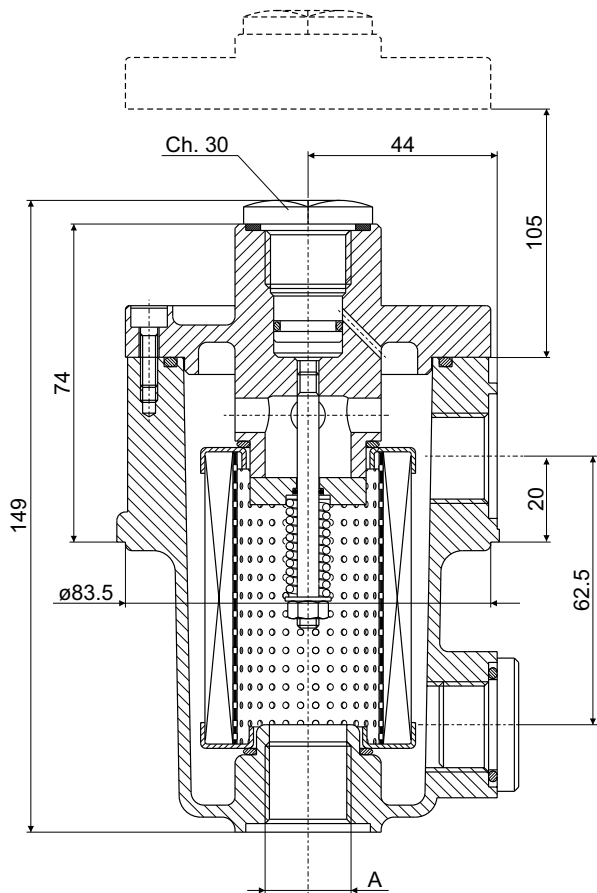
|  |   |
|--|---|
| <b>Filter pressure</b>                           | Max working pressure:<br>2.000.000 Pa (20 bar)<br>Test pressure:<br>3.000.000 Pa (30 bar)<br>Bursting pressure:<br>60.000.000 Pa (60 bar) |
| <b>Working temperature</b>                       | -25 to +95 C  |
| <b>Collapse pressure (filter element)</b>        | 1.000.000 Pa (10 bar)   |
| <b>By-pass valve setting pressure</b>            | Return: 300.000 Pa ±10% (3 bar) (starting of opening)<br>Suction: 25.000 Pa ±10% (0.25 bar) (starting of opening)                         |
| <b>Compatibly with hydraulic fluids ISO 2943</b> | Compatible with mineral oils type (HH, HM, HR, HV, HG according to ISO 6743/4)  |



Le portate sono state calcolate per avere una perdita di carico  $\Delta p \leq 60.000$  Pa (0.6 bar) per i filtri sul ritorno e  $\Delta p \leq 5.000$  Pa (0.05 bar) per i filtri in aspirazione.

I valori sono stati ottenuti con olio Minerale avente viscosità cinematica 30 cSt e densità  $860 \text{ kg/m}^3$ . (vedi note a pag.12)

Flows have been calculated just in order to obtain a pressure drop  $\Delta p \leq 60.000$  Pa (0.6 bar) for return lines and  $\Delta p \leq 5.000$  Pa (0.05 bar) for suction lines. The values have been obtained using mineral oil kinematic viscosity 30 cSt and  $860 \text{ kg/m}^3$  density. (See remarks on pag.12)

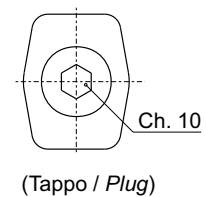
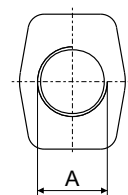


### PORTATE CONSIGLIATE RECOMMENDED FLOWS

| AFI | Elemento filtrante<br>Filter element | Portata / Flow (L/min) |                   | Peso<br>Weight (kg) |
|-----|--------------------------------------|------------------------|-------------------|---------------------|
|     |                                      | Aspirazione<br>Suction | Ritorno<br>Return |                     |
| 025 | C10                                  | -                      | 40                | 0,750               |
| 025 | C25                                  | -                      | 40                | 0,750               |
| 025 | F03                                  | -                      | 8                 | 0,750               |
| 025 | F06                                  | -                      | 12                | 0,750               |
| 025 | F10                                  | -                      | 28                | 0,750               |
| 025 | F25                                  | -                      | 39                | 0,750               |
| 025 | R60                                  | 30                     | 40                | 0,750               |
| 025 | R90                                  | 32                     | 40                | 0,750               |
| 025 | R125 / R250                          | 35                     | 40                | 0,750               |

### ATTACCHI FILETTATI THREADED CONNECTIONS

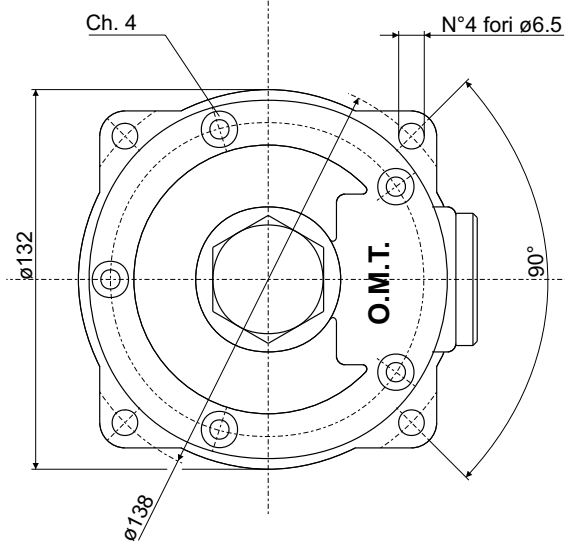
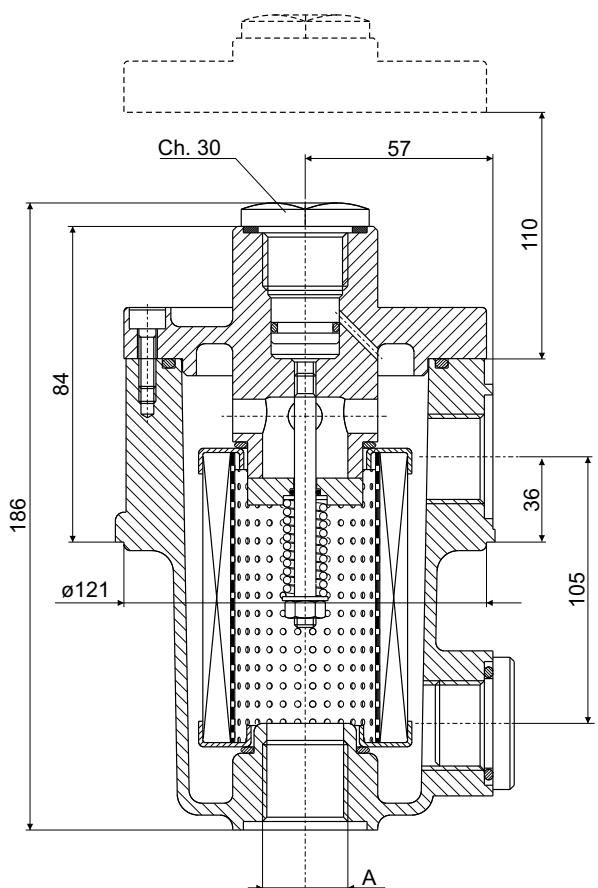
| Codice<br>Code | A                   |
|----------------|---------------------|
| 025            | 1/2" BSP            |
| 025            | 1/2" NPT            |
| 025            | SAE 8-3/4" - 16 UNF |



Le portate sono state calcolate per avere una perdita di carico  $\Delta p \leq 60.000$  Pa (0.6 bar) per i filtri sul ritorno e  $\Delta p \leq 5.000$  Pa (0.05 bar) per i filtri in aspirazione.

I valori sono stati ottenuti con olio Minerale avente viscosità cinematica 30 cSt e densità 860 kg/m<sup>3</sup>. (vedi note a pag.13)

Flows have been calculated just in order to obtain a pressure drop  $\Delta p \leq 60.000$  Pa (0.6 bar) for return lines and  $\Delta p \leq 5.000$  Pa (0.05 bar) for suction lines. The values have been obtained using mineral oil kinematic viscosity 30 cSt and 860 kg/m<sup>3</sup> density. (See remarks on pag.13)

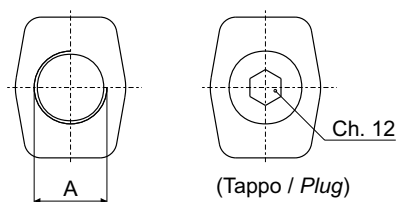


### PORTATE CONSIGLIATE RECOMMENDED FLOWS

| AFI | Elemento filtrante<br>Filter element | Portata / Flow (L/min) |                | Peso Weight (kg) |
|-----|--------------------------------------|------------------------|----------------|------------------|
|     |                                      | Aspirazione Suction    | Ritorno Return |                  |
| 040 | C10                                  | -                      | 80             | 2,5              |
| 040 | C25                                  | -                      | 80             | 2,5              |
| 040 | F03                                  | -                      | 18             | 2,5              |
| 040 | F06                                  | -                      | 29             | 2,5              |
| 040 | F10                                  | -                      | 42             | 2,5              |
| 040 | F25                                  | -                      | 75             | 2,5              |
| 040 | R60                                  | 40                     | 80             | 2,5              |
| 040 | R90                                  | 43                     | 80             | 2,5              |
| 040 | R125 / R250                          | 50                     | 80             | 2,5              |

### ATTACCHI FILETTATI THREADED CONNECTIONS

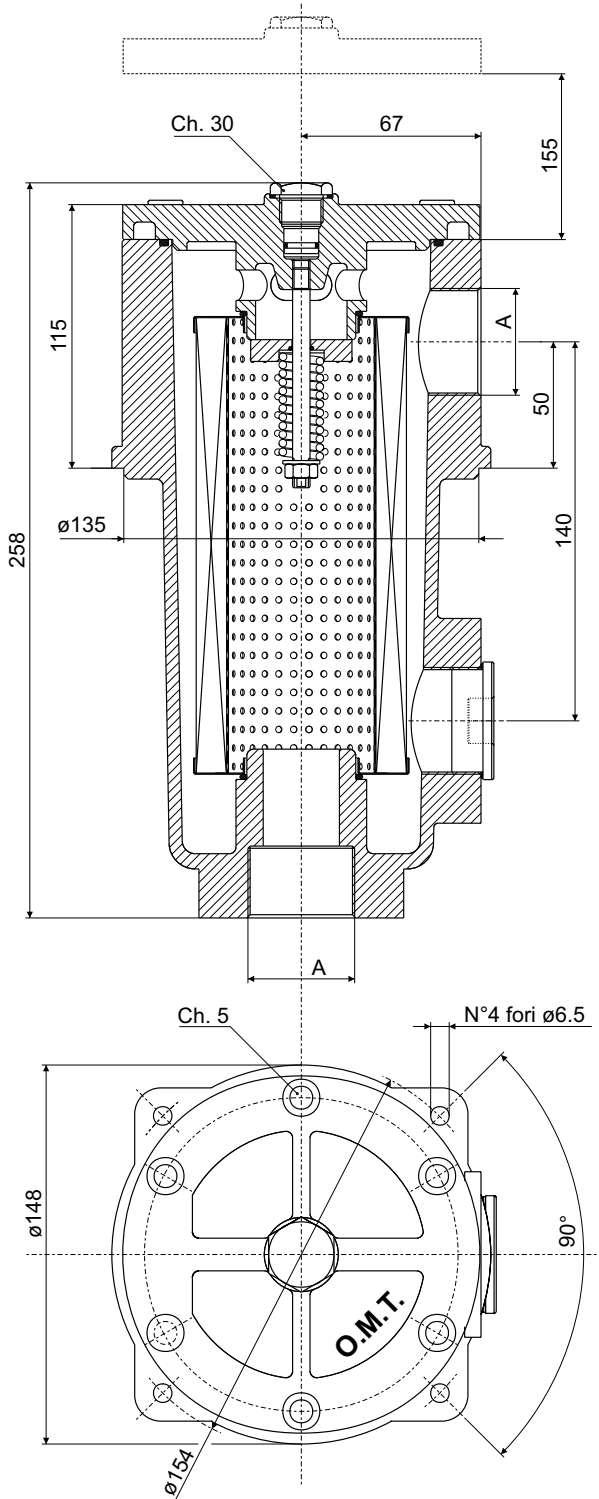
| Codice Code | A                       |
|-------------|-------------------------|
| -           | 3/4" BSP                |
| 1           | 3/4" NPT                |
| 2           | SAE 12-1 1/16" - 12 UNF |



Le portate sono state calcolate per avere una perdita di carico  $\Delta p \leq 60.000$  Pa (0.6 bar) per i filtri sul ritorno e  $\Delta p \leq 5.000$  Pa (0.05 bar) per i filtri in aspirazione.

I valori sono stati ottenuti con olio Minerale avente viscosità cinematica 30 cSt e densità  $860 \text{ kg/m}^3$ . (vedi note a pag. 14)

Flows have been calculated just in order to obtain a pressure drop  $\Delta p \leq 60.000$  Pa (0.6 bar) for return lines and  $\Delta p \leq 5.000$  Pa (0.05 bar) for suction lines. The values have been obtained using mineral oil kinematic viscosity 30 cSt and  $860 \text{ kg/m}^3$  density. (See remarks on pag. 14)

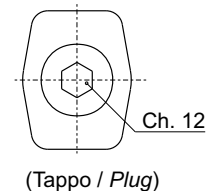
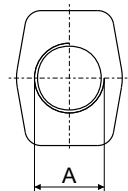


### PORTATE CONSIGLIATE RECOMMENDED FLOWS

| AFI | Elemento filtrante<br>Filter element | Portata / Flow (L/min) |                   | Peso Weight (kg) |
|-----|--------------------------------------|------------------------|-------------------|------------------|
|     |                                      | Aspirazione<br>Suction | Ritorno<br>Return |                  |
| 100 | C10                                  | -                      | 120               | 3,6              |
| 100 | C25                                  | -                      | 120               | 3,6              |
| 100 | F03                                  | -                      | 40                | 3,6              |
| 100 | F06                                  | -                      | 53                | 3,6              |
| 100 | F10                                  | -                      | 82                | 3,6              |
| 100 | F25                                  | -                      | 120               | 3,6              |
| 100 | R60                                  | 60                     | 120               | 3,6              |
| 100 | R90                                  | 70                     | 120               | 3,6              |
| 100 | R125 / R250                          | 85                     | 120               | 3,6              |

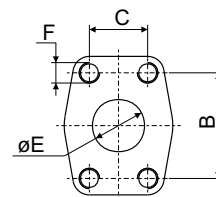
### ATTACCHI FILETTATI THREADED CONNECTIONS

| Codice Code | A                       |
|-------------|-------------------------|
| -           | 1" BSP                  |
| 1           | 1" NPT                  |
| 2           | SAE 16-1 5/16" - 12 UNF |



### ATTACCHI FLANGIATI FLANGED CONNECTIONS

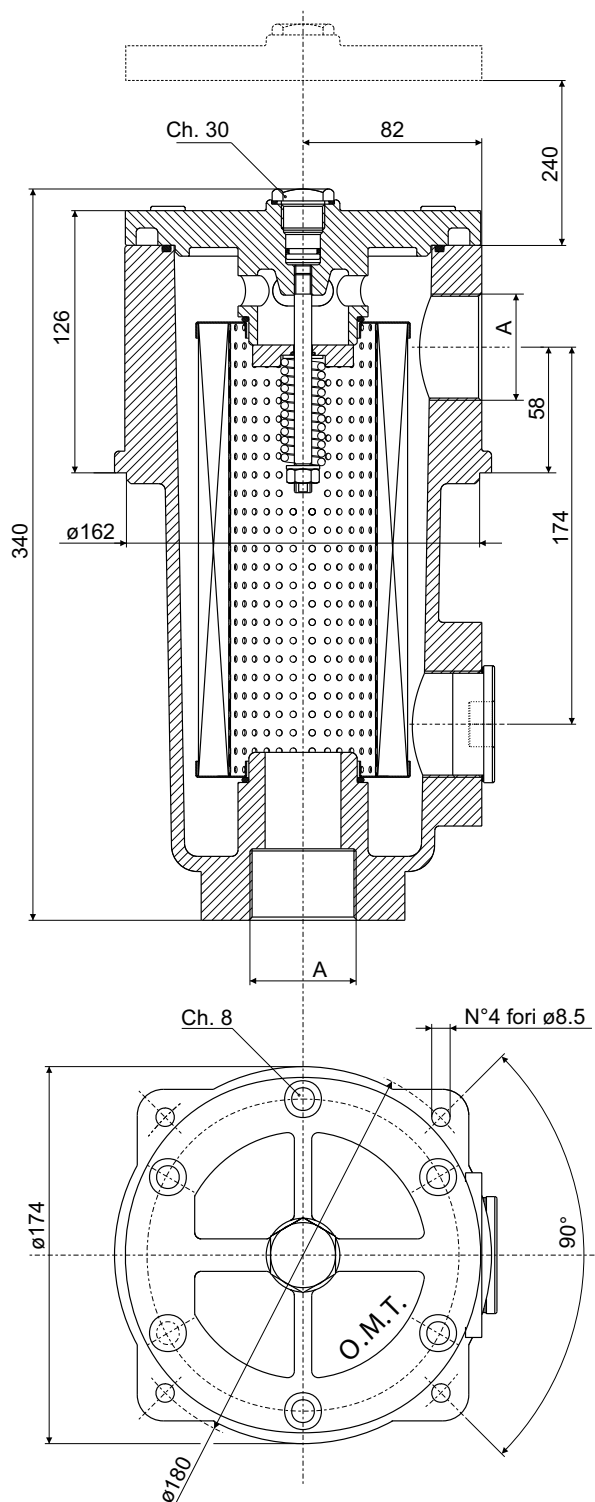
| Codice Code | A                  | øE | B    | C    | F       |
|-------------|--------------------|----|------|------|---------|
| 3           | 1" SAE3000 PSI/M   | 25 | 52,4 | 26,2 | M10     |
| 4           | 1" SAE3000 PSI/UNC | 25 | 52,4 | 26,2 | 3/8"UNC |



Le portate sono state calcolate per avere una perdita di carico  $\Delta p \leq 60.000$  Pa (0.6 bar) per i filtri sul ritorno e  $\Delta p \leq 5.000$  Pa (0.05 bar) per i filtri in aspirazione.

I valori sono stati ottenuti con olio Minerale avente viscosità cinematica 30 cSt e densità 860 kg/m<sup>3</sup>. (vedi note a pag.15)

Flows have been calculated just in order to obtain a pressure drop  $\Delta p \leq 60.000$  Pa (0.6 bar) for return lines and  $\Delta p \leq 5.000$  Pa (0.05 bar) for suction lines. The values have been obtained using mineral oil kinematic viscosity 30 cSt and 860 Kg/m<sup>3</sup> density. (See remarks on pag.15)

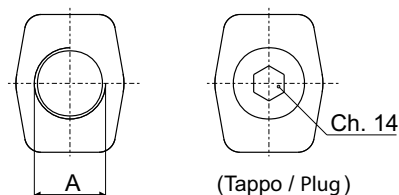


### PORTATE CONSIGLIATE RECOMMENDED FLOWS

| AFI | Elemento filtrante<br>Filter element | Portata / Flow (L/min) |                | Peso Weight (kg) |
|-----|--------------------------------------|------------------------|----------------|------------------|
|     |                                      | Aspirazione Suction    | Ritorno Return |                  |
| 250 | C10                                  | -                      | 300            | 5,2              |
| 250 | C25                                  | -                      | 300            | 5,2              |
| 250 | F03                                  | -                      | 120            | 5,2              |
| 250 | F06                                  | -                      | 190            | 5,2              |
| 250 | F10                                  | -                      | 250            | 5,2              |
| 250 | F25                                  | -                      | 300            | 5,2              |
| 250 | R60                                  | 110                    | 300            | 5,2              |
| 250 | R90                                  | 130                    | 300            | 5,2              |
| 250 | R125 / R250                          | 150                    | 300            | 5,2              |

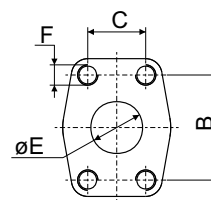
### ATTACCHI FILETTATI THREADED CONNECTIONS

| Codice Code | A                      |
|-------------|------------------------|
| -           | 1 1/2" BSP             |
| 1           | 1 1/2" NPT             |
| 2           | SAE 24-1 7/8" - 12 UNF |



### ATTACCHI FLANGIATI FLANGED CONNECTIONS

| Codice Code | A                      | øE | B  | C    | F       |
|-------------|------------------------|----|----|------|---------|
| 3           | 1 1/2" SAE3000 PSI/M   | 38 | 70 | 35,7 | M10     |
| 4           | 1 1/2" SAE3000 PSI/UNC | 38 | 70 | 35,7 | 1/2"UNC |





La caduta di pressione completa si ottiene sommando la caduta di pressione del corpo filtro e quella dell'elemento filtrante.

#### Cadute di pressione nel corpo filtro

Le curve sono valide con olio minerale avente massa volumica di  $860 \text{ kg/m}^3$ . La caduta di pressione è direttamente proporzionale alla massa volumica.

#### Cadute di pressione negli elementi filtranti

Le curve sono valide con olio minerale avente viscosità cinematica di 30 cSt. La variazione di caduta di pressione è proporzionale alla viscosità cinematica.

The pressure drop of the complete filter is calculated by adding the pressure drop of the housing to that of the filter element.

#### Pressure drops in the housing

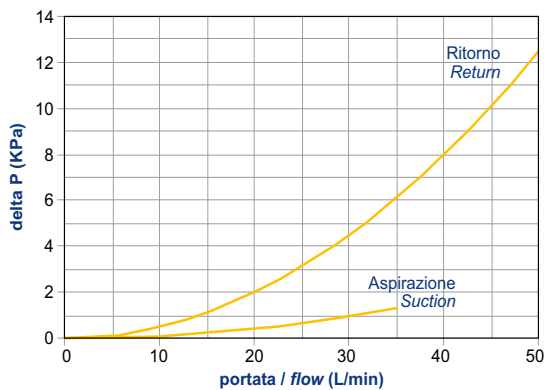
The graphics refer to the use of mineral oil with a mass density of  $860 \text{ kg/m}^3$ . The pressure drop is directly proportional to the mass density.

#### Pressure drops in the filter elements

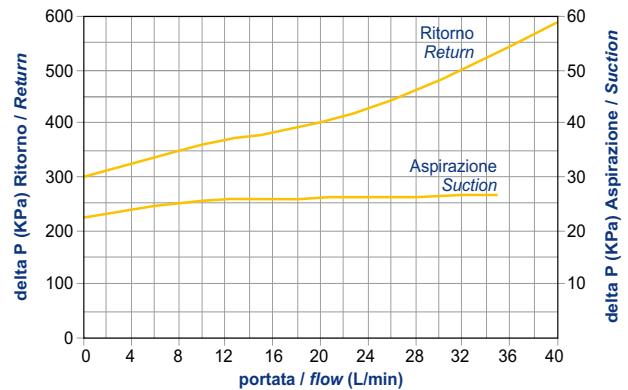
The graphics refer to mineral oil with a kinematic viscosity of 30 cSt. The variation of the pressure drop is proportional to the kinematic viscosity.

## AFI serie/series 025

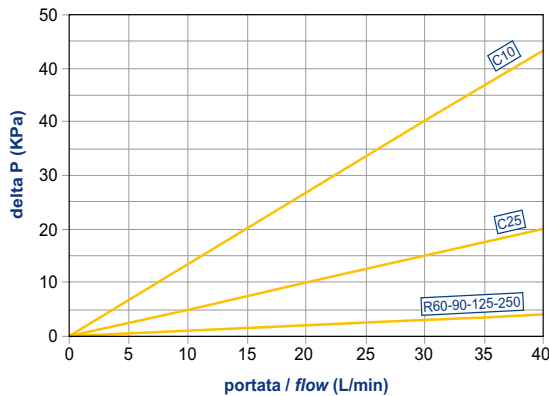
$\Delta P$  CORPI /  $\Delta P$  HOUSINGS



BY-PASS / BY-PASS

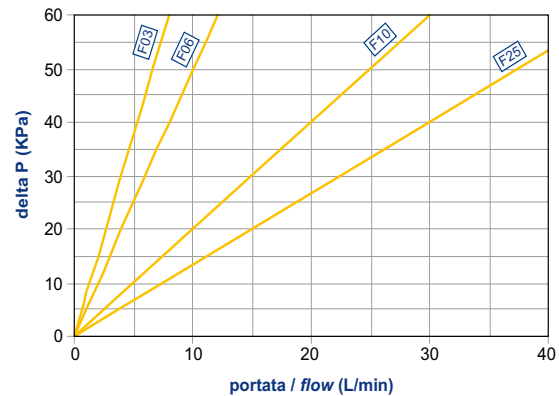


$\Delta P$  ELEMENTI (ritorno)

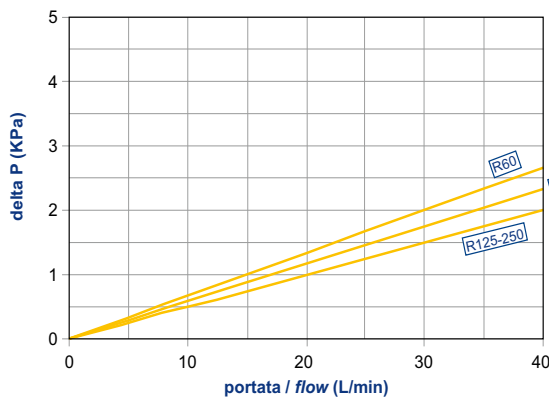


tipo CFI025 (R) series

$\Delta P$  ELEMENTS (return)



$\Delta P$  ELEMENTI (aspirazione)

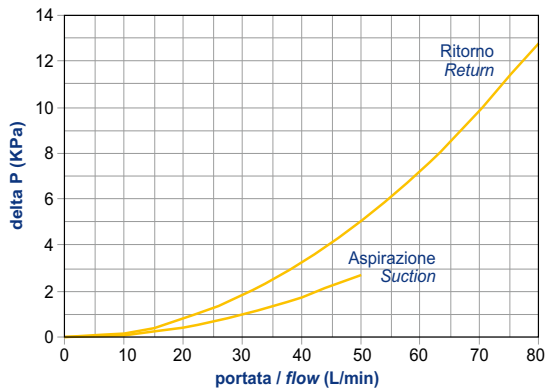


tipo CFI025 (A) series

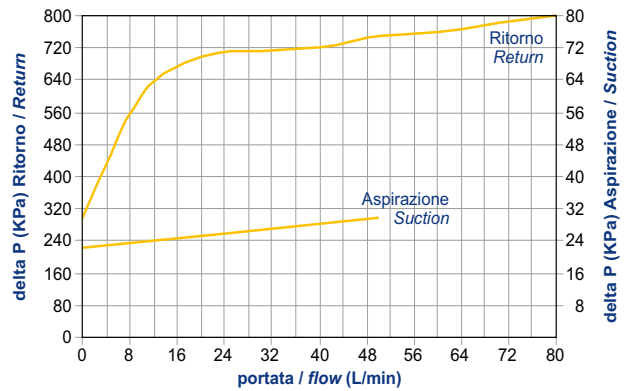
$\Delta P$  ELEMENTS (suction)

## AFI serie/series 040

$\Delta P$  CORPI /  $\Delta P$  HOUSINGS



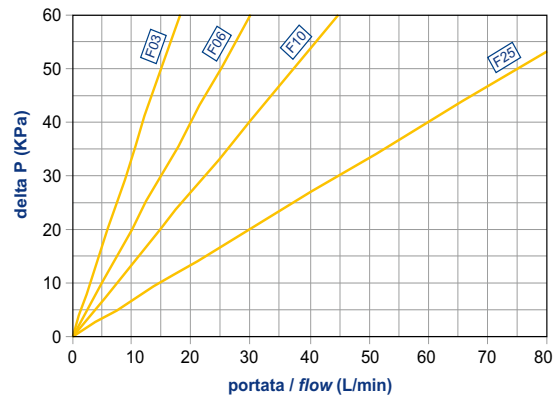
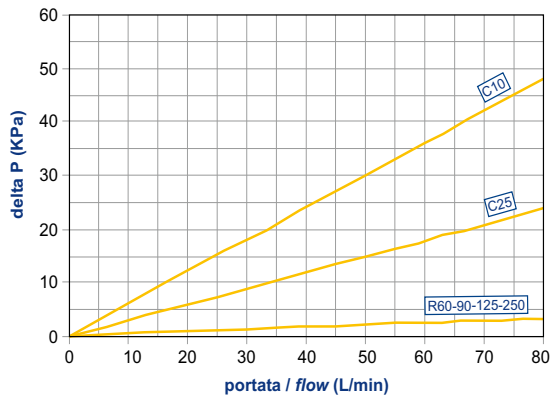
BY-PASS / BY-PASS



$\Delta P$  ELEMENTI (ritorno)

tipo CFI040 (R) series

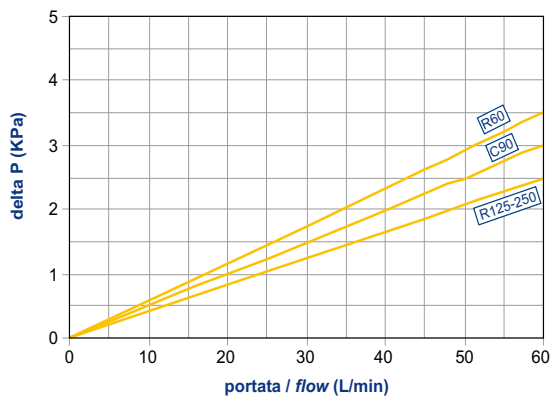
$\Delta P$  ELEMENTS (return)



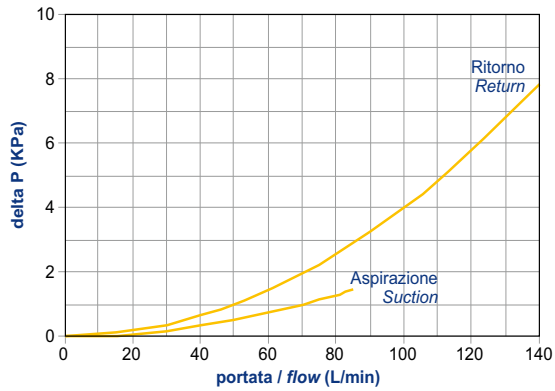
$\Delta P$  ELEMENTI (aspirazione)

tipo CFI040 (A) series

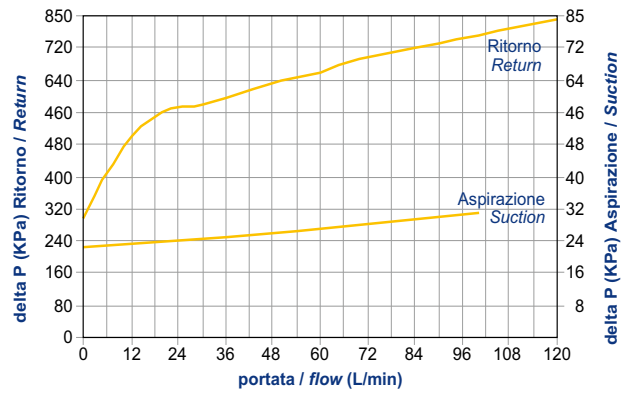
$\Delta P$  ELEMENTS (suction)



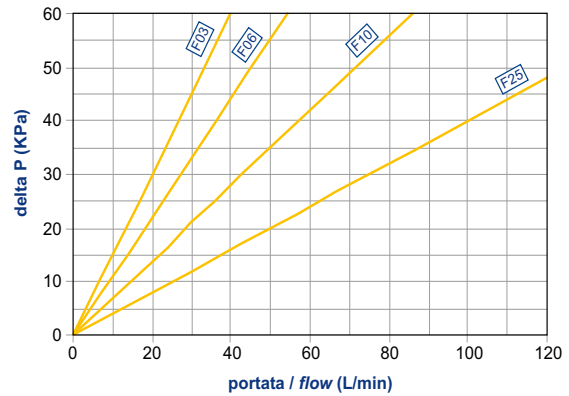
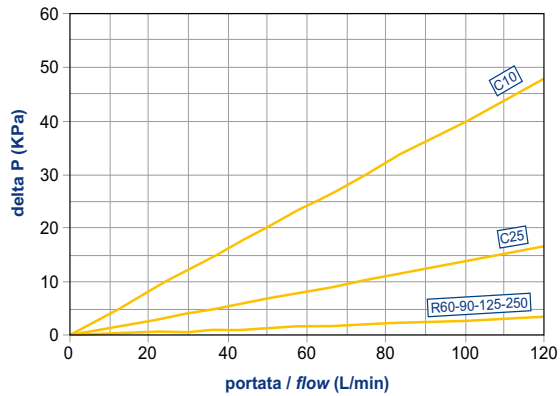
## AFI serie/series 100

 $\Delta P$  CORPI /  $\Delta P$  HOUSINGS

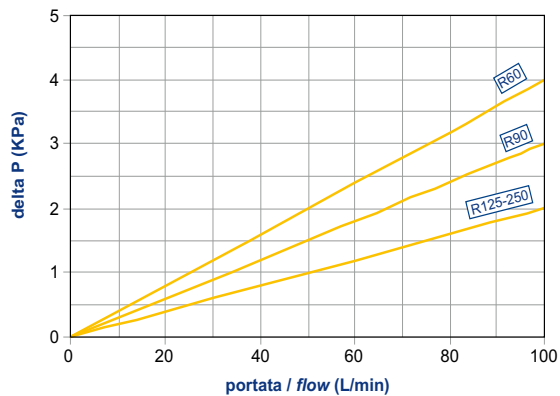
BY-PASS / BY-PASS

 $\Delta P$  ELEMENTI (ritorno)

tipo CFI100 (R) series

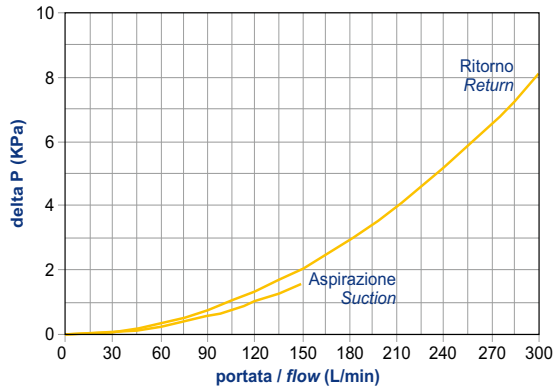
 $\Delta P$  ELEMENTS (return) $\Delta P$  ELEMENTI (aspirazione)

tipo CFI100 (A) series

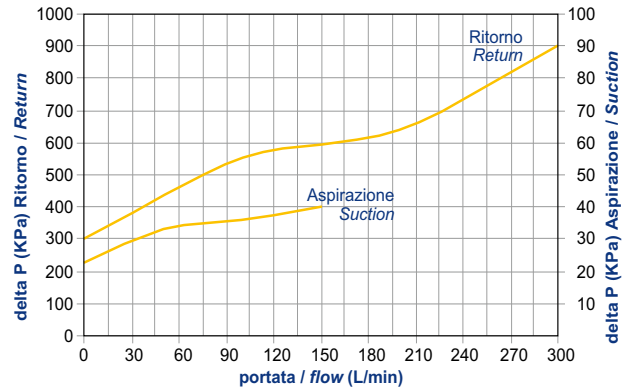
 $\Delta P$  ELEMENTS (suction)

## AFI serie/series 250

$\Delta P$  CORPI /  $\Delta P$  HOUSINGS



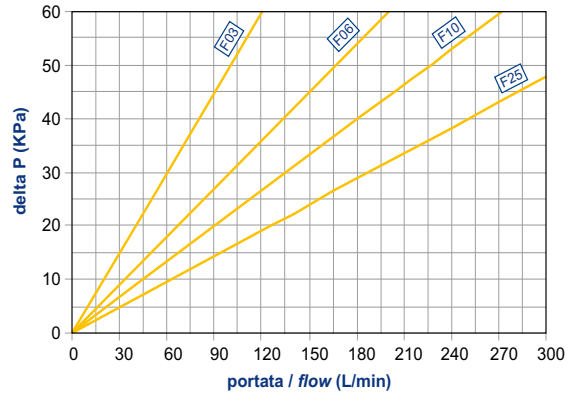
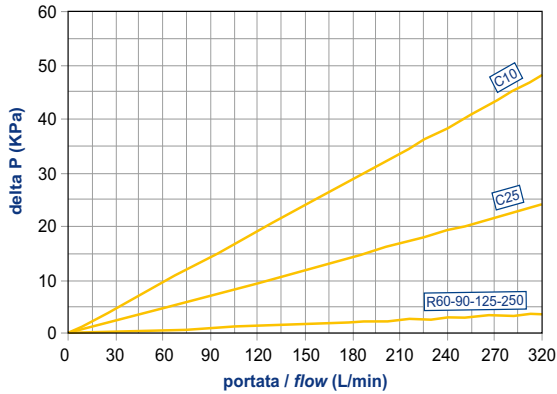
BY-PASS / BY-PASS



$\Delta P$  ELEMENTI (ritorno)

tipo CFI250 (R) series

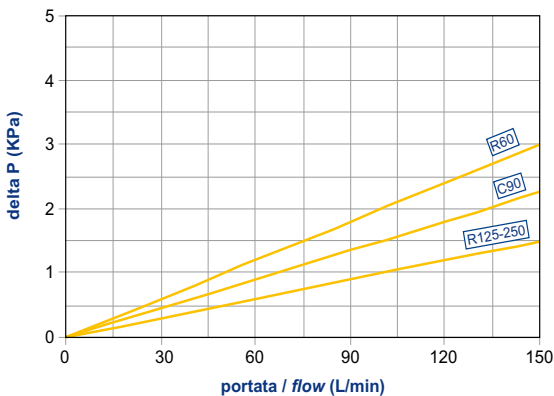
$\Delta P$  ELEMENTS (return)

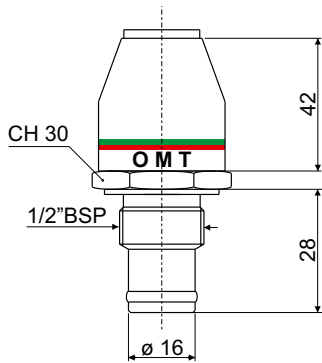
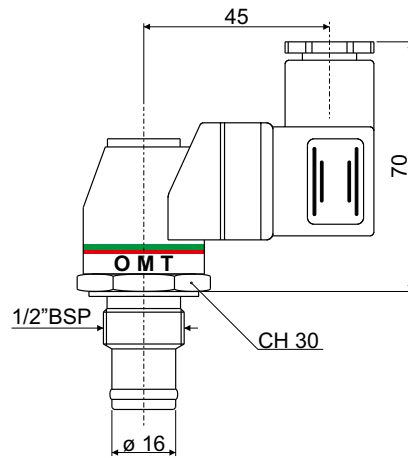
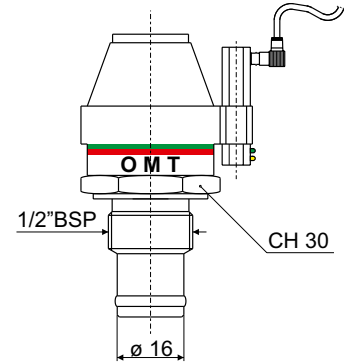


$\Delta P$  ELEMENTI (aspirazione)

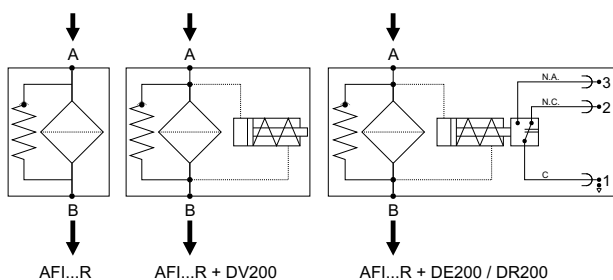
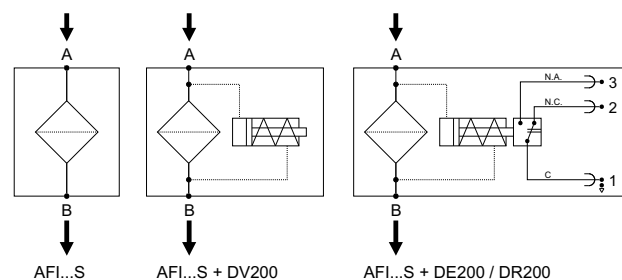
tipo CFI250 (A) series

$\Delta P$  ELEMENTS (suction)



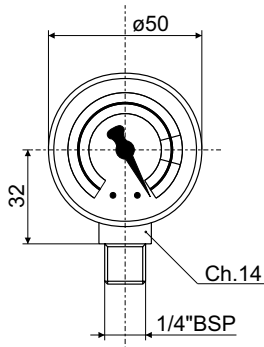
**DV200**Indicatore visivo  
Visual Indicator**DE200**Indicatore visivo-elettrico  
Electrical visual Indicator**DR200**Indicatore visivo-elettrico  
con contatti REED  
Electrical visual Indicator  
with REED contacts**CARATTERISTICHE TECNICHE  
TECHNICAL DATA**

| Codice<br>Part number | Descrizione<br>Description  | Taratura<br>Setting  | Contatti elettrici<br>Electrical Contacts | Tensioni di rottura per DR200<br>Breakdown voltage for DR200 |   |  |
|-----------------------|---|----------------------|---|--|---|--|
|                       |   |                      |   | Tensione di alimen. (V)<br>Feeder voltage (V)                | Potenza con carico induttivo (VA)<br>Power with inductive load (VA) |  |
| D V 200               | visivo / visual   | 200.000Pa<br>(2 bar) | -   | A.C. 3-115   | 20  |  |
|                       |   |                      |   | D.C. 3-115   | 20  |  |
| D E 200               | visivo- elettrico<br>electrical-visual  |                      |   |  |   |  |
|                       |   |                      | Scambio<br>Changeover                     | Tensioni di rottura per DE200<br>Breakdown voltage for DE200 |   |  |
|                       |   |                      |   | Tensione di alimen. (V)<br>Feeder voltage (V)                | Carico resistivo (A)<br>Resistive load (A)                          | Carico induttivo (A)<br>Inductive load (A) |
| D R 200               | visivo- elettrico<br>con contatti "reed"<br>Visual-electrical<br>with "reed" contacts |                      |   | C.A. 125   | 5   | 5  |
|                       |   |                      |   | C.A. 250   | 5   | 5  |
|                       |   |                      |   | C.C. 15  | 10  | 10   |
|                       |   |                      |   | C.C. 30  | 5   | 5  |
|                       |   |                      |   | C.C. 50  | 2   | 2  |
|                       |   |                      |   | C.C. 125   | 0.5   | 0.06                                       |

**SIMBOLOGIA / SIMBOLOGY****Con By-pass / With By-pass****Senza By-pass / Without By-pass**

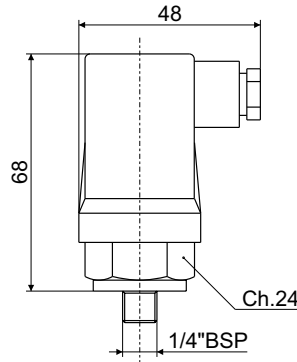
### VV2

Vuotometro  
Vacuum gauge



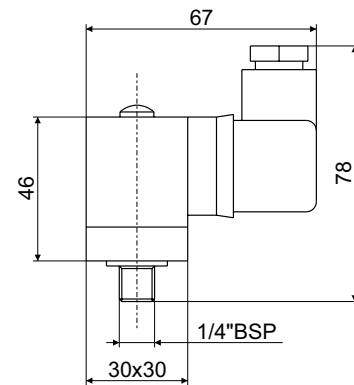
### VE2

Vuotostato con contatti  
in scambio FAST-ON  
Vacuum switch  
with contacts FAST-ON



### VE3

Vuotostato con contatti  
in scambio DIN 42560  
Vacuum switch  
with contacts DIN 42560



### CARATTERISTICHE TECNICHE TECHNICAL DATA

| Codice<br>Part<br>number | Descrizione<br>Description | Scala<br>taratura<br>Setting | Contatti<br>elettrici<br>Electrical<br>Contacts | Tipo<br>Type            |
|--------------------------|----------------------------|------------------------------|---|-------------------------|
| VV2                      | visivo / visual            | 0-76 cm Hg                   | -   | Puntuale<br>On the spot |
| VE2                      | elettrico<br>electrical    | -20000 Pa<br>(-0,2 bar)      | Scambio<br>Changeover                           |                         |
| VE3                      |                            |                              |   |                         |

### CARATTERISTICHE ELETTRICHE ELECTRICAL DATA

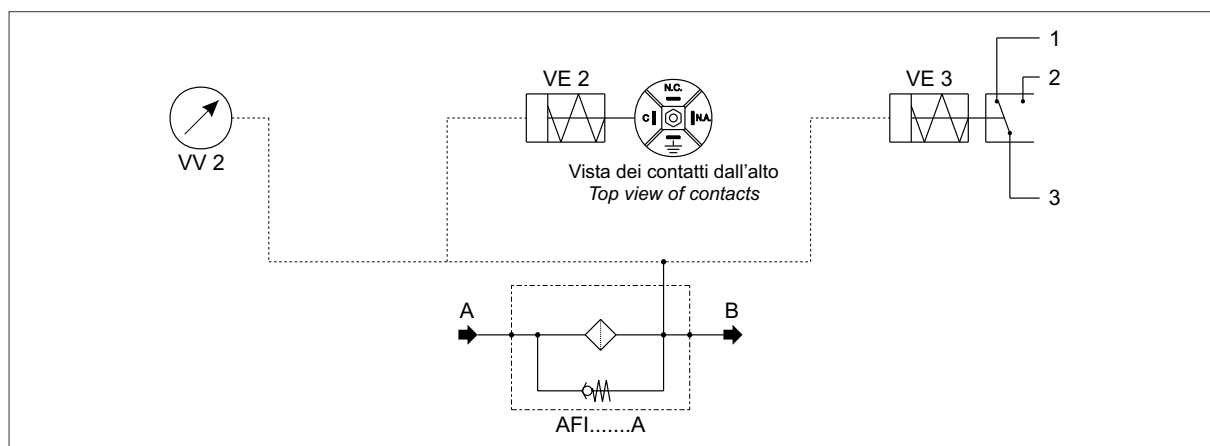
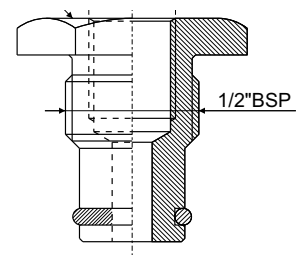
| Codice<br>Part<br>number | Tensione max<br>di lavoro (V)<br>Max feeder<br>voltage (V) | Carico<br>resistivo (A)<br>Resistive<br>load (A) | Carico<br>induttivo (A)<br>Inductive<br>load (A) | Protezione<br>(completo)<br>Protection<br>(complete) |
|--------------------------|--|--|--|--|
| VE2                      | C.A. 220   | 6  | 2  | IP 65  |
| VE3                      | C.A. 250   | 3  | 2  | IP 65  |

### ADATTATORE / ADAPTOR

Necessario per utilizzare gli indicatori di intasamento con attacco da 1/4" BSP, l'adattatore è fornito standard in tutti i Filtri completi con by-pass in aspirazione. Esempio: AFI040C25NA (Adattatore incluso) Codice adattatore: AFI 850-04-G

To be used with 1/4" BSP clogging indicators, the adaptor is supplied standard into complete filters with suction by-pass.

Example: AFI040C25NA (Adaptor included) Adaptor part number: AFI 850-04-G



AFI 250 C25 N A 2

| Grandezza nominale<br>filtro completo<br>Nominal Size<br>complete filter | Grandezza nominale<br>Elemento filtrante<br>Nominal size<br>Replacement element |
|--|---|
| 025  | 025   |
| 040  | 040   |
| 100  | 100   |
| 250  | 250   |

| Elemento filtrante<br>Filtration Element |        |  |
|--|--------|--|
| -  |        | Senza elemento filtrante<br>Without filtration elements                                    |
| C10                                      | 10 µm  | Carta trattata con resine $\beta_{x \geq 2}$<br>Resin treated cellulose $\beta_{x \geq 2}$ |
| C25                                      | 25 µm  | Carta trattata con resine $\beta_{x \geq 2}$<br>Resin treated cellulose $\beta_{x \geq 2}$ |
| F03                                      | 3 µm   | Fibre inorganiche $\beta_{x \geq 200}$<br>Inorganic fibre $\beta_{x \geq 200}$             |
| F06                                      | 6 µm   | Fibre inorganiche $\beta_{x \geq 200}$<br>Inorganic fibre $\beta_{x \geq 200}$             |
| F10                                      | 10 µm  | Fibre inorganiche $\beta_{x \geq 200}$<br>Inorganic fibre $\beta_{x \geq 200}$             |
| F25                                      | 25 µm  | Fibre inorganiche $\beta_{x \geq 200}$<br>Inorganic fibre $\beta_{x \geq 200}$             |
| R60                                      | 60 µm  | Rete a maglia quadra (Aisi 304)<br>Square mesh (Aisi 304)                                  |
| R90                                      | 90 µm  | Rete a maglia quadra (Aisi 304)<br>Square mesh (Aisi 304)                                  |
| R125                                     | 125 µm | Rete a maglia quadra (Aisi 304)<br>Square mesh (Aisi 304)                                  |

| Elemento filtrante<br>Filtration Element |                  |
|--|------------------|
| N  | Nitrile / Buna-N |
| V  | Viton            |

| Valvola di By-pass<br>By-pass valve |   |
|-------------------------------------|---|
| S                                   | Senza by-pass<br>Without by-pass                              |
| R                                   | By-pass sul ritorno<br>Return by-pass $\Delta p$ 3 bar        |
| A                                   | By-pass in aspirazione<br>Suction by-pass $\Delta p$ 0,25 bar |

CFI 250 C25

Codice per l'ordinazione dell'elemento filtrante di ricambio  
How to order the replacement elementATTACCHI  
CONNECTIONS

| A | 025             | 040                | 100                 | 250                     |
|---|-----------------|--------------------|---------------------|-------------------------|
| - | 1/2" BSP        | 3/4" BSP           | 1" BSP              | 1 1/2" BSP              |
| 1 | 1/2" NPT        | 3/4" NPT           | 1" NPT              | 1 1/2" NPT              |
| 2 | SAE8-3/4"-16UNF | SAE12-1 1/16"-12UN | SAE16-1 5/16"-12UN  | SAE24-1 7/8"-12UN       |
| 3 |                 |                    | 1" SAE 3000 PSI/M   | 1 1/2" SAE 3000 PSI/M   |
| 4 |                 |                    | 1" SAE 3000 PSI/UNC | 1 1/2" SAE 3000 PSI/UNC |

\* Per l'ordinazione degli indicatori di intasamento, guardare pag. 16 - 17

\* See page 16 - 17 for information how to order clogging indicators

