



## PRODUCT CARD



## FLOW DIVERTER VALVES

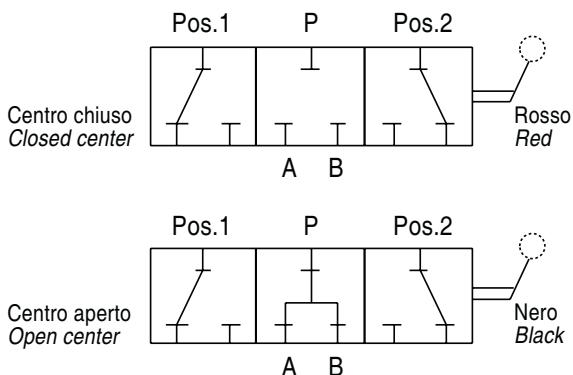
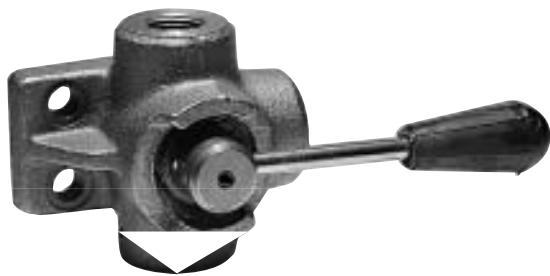
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**salami**

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### TECHNICAL FEATURES



#### ESEMPIO D'ORDINAZIONE

Dimensione 02 – Schema con centro aperto  
- Filetto 3/4-16 SAE **DDF3V 02 A S**

Dimensione 03 – Schema con centro chiuso  
- Filetto 1/2 GAS **DDF3V 03 C**

#### ORDERING CODE EXAMPLE

02 Dimension – Open center - 3/4-16 SAE Port thread  
**DDF3V 02 A S**

02 Dimension – Closed center - 3/8 GAS Port thread  
**DDF3V 02 C**

#### Codice d'ordinazione -

**DDF3V** – **[ ]**

#### Ordering code

—————

**[ ]** ————— **[ ]**

| Dimensione/Dimension |          |          |
|----------------------|----------|----------|
| GAS                  | NPT      | SAE      |
| 02                   | 3/8      | 3/8      |
| 03                   | 1/2      | 1/2      |
| 04                   | 3/4      | 3/4      |
| 05                   | 1        | 1        |
| 07                   | 1 1/2    | 1 1/2    |
|                      | 1 7/8-12 | 1 7/8-12 |

| Schema/Hydraulic Scheme |                             |
|-------------------------|-----------------------------|
| A                       | Centro aperto/Open center   |
| C                       | Centro chiuso/Closed center |

| Tipo Filetto/Port Type |     |
|------------------------|-----|
|                        | GAS |
| N                      | NPT |
| S                      | SAE |

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# 3 WAYS ROTARY DIVERTER FLOW VALVE

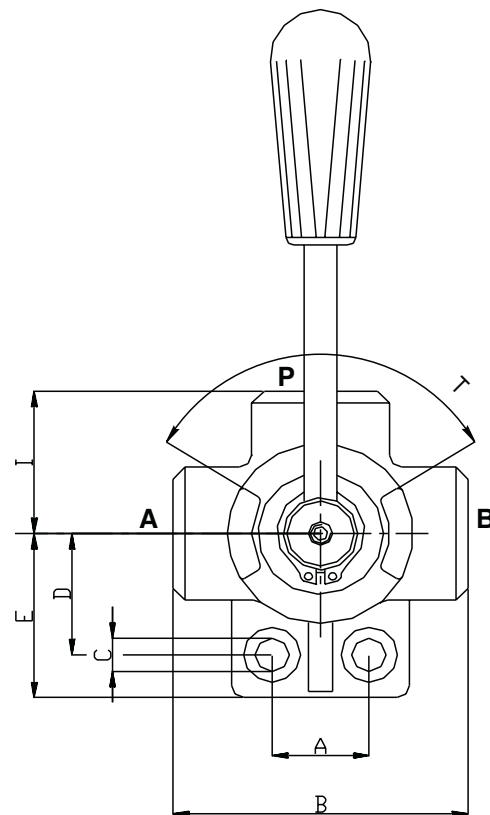
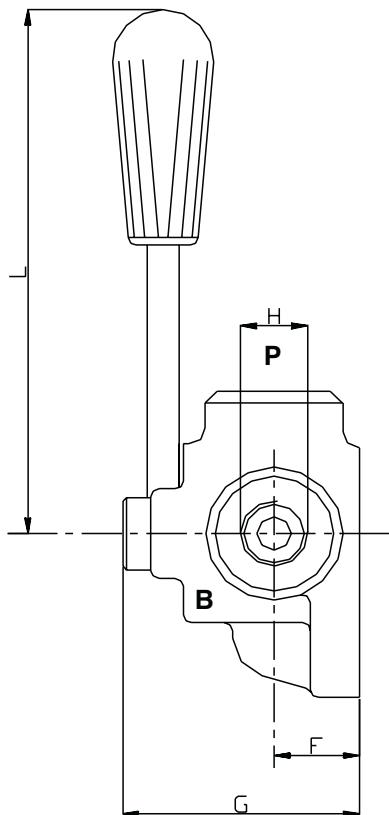
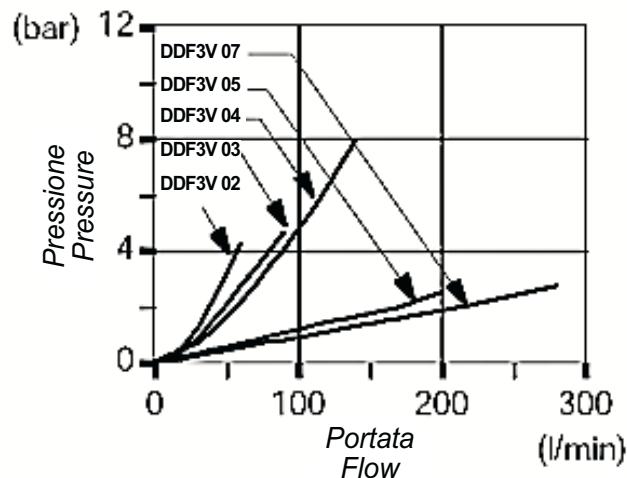
**DDF 3 V**

## TECHNICAL FEATURES

### Caratteristiche - Rating

| Dimensione/Dimension           | 02  | 03  | 04  | 05  | 07  |
|--------------------------------|-----|-----|-----|-----|-----|
| Pressione max/Max Pressure bar | 315 | 280 | 250 | 250 | 200 |
| Portata max/Max Flow l/min     | 60  | 90  | 120 | 180 | 280 |

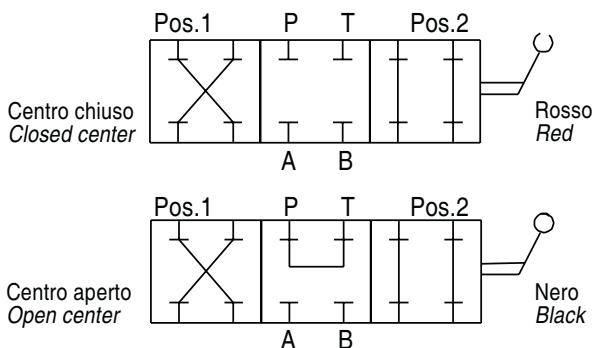
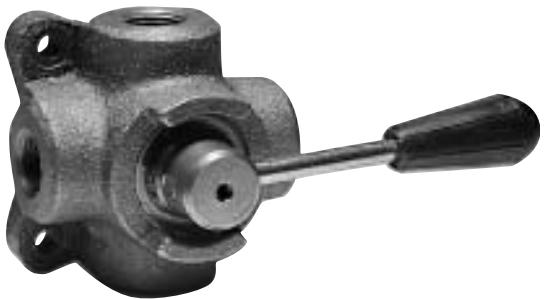
N.B.: per l'utilizzo di altri parametri vogliate consultarci  
Note : where measurements are critical request certified drawings



### Dimensioni e pesi - External dimension and weight

| Dimensione/Dimension | A  | B   | C   | D  | E  | F    | G   | H<br>GAS | H<br>NPT | H<br>SAE | I  | L   | T°  | Peso<br>Weight<br>kg |
|----------------------|----|-----|-----|----|----|------|-----|----------|----------|----------|----|-----|-----|----------------------|
| 02                   | 24 | 73  | 8.5 | 31 | 42 | 21   | 62  | 3/8      | 3/8      | 3/4-16   | 36 | 125 | 100 | 0.87                 |
| 03                   | 30 | 85  | 11  | 36 | 53 | 24   | 70  | 1/2      | 1/2      | 7/8-14   | 43 | 125 | 100 | 1.45                 |
| 04                   | 32 | 91  | 11  | 41 | 58 | 28   | 80  | 3/4      | 3/4      | 11/16-12 | 47 | 125 | 100 | 1.84                 |
| 05                   | 32 | 98  | 11  | 50 | 64 | 31.5 | 90  | 1        | 1        | 15/16-12 | 51 | 160 | 100 | 2.51                 |
| 07                   | 42 | 130 | 11  | 64 | 80 | 44   | 115 | 1 1/2    | 1 1/2    | 1 7/8-12 | 65 | 160 | 100 | 6.10                 |

### TECHNICAL FEATURES



#### ESEMPIO D'ORDINAZIONE

Dimensione 02 – Schema con centro aperto  
- Filetto 3/4-16 SAE **IDF4V 02 A S**

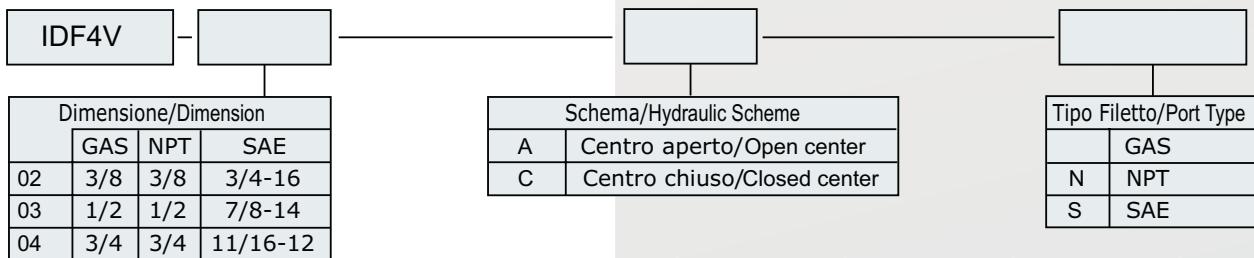
Dimensione 03 – Schema con centro chiuso  
- Filetto 1/2 GAS **IDF4V 03 C**

#### ORDERING CODE EXAMPLE

02 Dimension – Open center - 3/4-16 SAE Port thread  
**IDF4V 02 A S**

03 Dimension – Closed center - 1/2 GAS Port thread  
**IDF4V 03 C**

#### Codice d'ordinazione - Ordering code



#### Applicazione

Sono utilizzati come semplici distributori per azionare attuatori doppio effetto.

#### Montaggio

Collegare la bocca P con l'alimentazione e la bocca T con il ritorno al serbatoio. Le bocche A e B vengono collegate all'attuatore.

#### Funzionamento

Ruotando la leva in pos.1 P alimenta la bocca B e contemporaneamente T alimenta la bocca A.

Ruotando la leva in pos.2 P alimenta la bocca A e contemporaneamente T alimenta la bocca B.

Tipo C (centro chiuso): con la leva in posizione centrale tutte le bocche sono chiuse.

Tipo A (centro aperto): con la leva in posizione centrale l'alimentazione P va direttamente alla bocca T.

#### A richiesta

Corpo cromato – Corpo zincato – Perno nichelato - Fermo per posizioni – Kit per 8 vie.

#### NOTE COSTRUTTIVE

Corpo in ghisa – Componenti in acciaio trattati termicamente – Trafilamento contenuto – Predisposti per 8 vie.

#### Application

Flow diverter connects or takes out inlet flow towards two ports. This special hydraulic scheme is able to control a double action actuator.

#### Instruction

P port is connected with inlet flow and T port with tank line. A and B valve ports are connected with actuator ports.

#### Operation

Hand lever in pos.1 allows flow from P towards B and in the meantime T allows flow towards A.

Hand lever in pos.2 connects P with A and T with B.

C Type (closed center): when hand lever is in middle position every port is closed.

A Type (open center): when hand lever is in middle position P port allows flow towards T port.

#### Optional

Chromium plated body – Yellow zinc plated body – Nickel plated spindle – 8 Ways kit assembling.

#### FEATURES

Cast iron body – Hardened spindle – Low leakage – 8 Ways arranged .

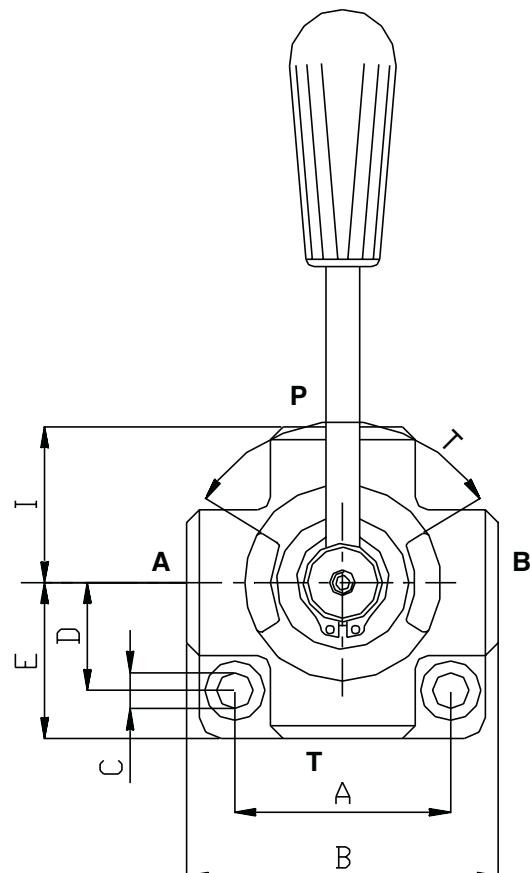
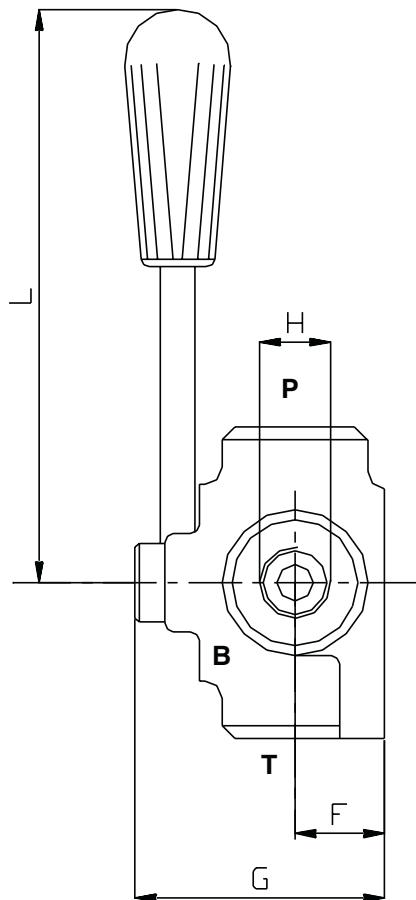
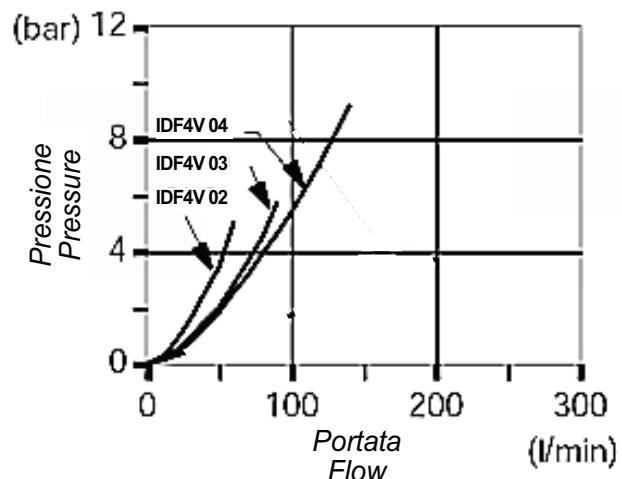


**TECHNICAL FEATURES**

Caratteristiche- Rating

| Dimensione/Dimension           | 02  | 03  | 04  |
|--------------------------------|-----|-----|-----|
| Pressione max/Max Pressure bar | 250 | 250 | 220 |
| Portata max/Max Flow l/min     | 35  | 50  | 90  |

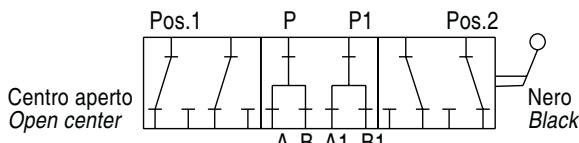
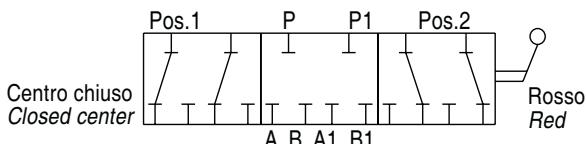
N.B.: per l'utilizzo di altri parametri vogliate consultarci  
Note: where measurements are critical request certified drawings



Dimensioni e pesi - External dimension and weight

| Dimensione/Dimension | A  | B  | C   | D  | E    | F  | G  | H<br>GAS | H<br>NPT | H<br>SAE | I    | L   | T°  | Peso<br>Weight<br>kg |
|----------------------|----|----|-----|----|------|----|----|----------|----------|----------|------|-----|-----|----------------------|
| 02                   | 54 | 77 | 8.5 | 27 | 38.5 | 24 | 71 | 3/8      | 3/8      | 3/4-16   | 38.5 | 125 | 100 | 1.23                 |
| 03                   | 68 | 90 | 8.5 | 32 | 45   | 28 | 80 | 1/2      | 1/2      | 7/8-14   | 45   | 125 | 100 | 1.89                 |
| 04                   | 74 | 95 | 8.5 | 38 | 47.5 | 32 | 90 | 3/4      | 3/4      | 11/16-12 | 45.5 | 125 | 100 | 2.56                 |

### TECHNICAL FEATURES



#### ESEMPIO D'ORDINAZIONE

Dimensione 02 – Schema con centro aperto

- Filetto 3/4-16 SAE                    **DDF6V 02 A S**

Dimensione 03 – Schema con centro chiuso

- Filetto 1/2 GAS                        **DDF6V 03 C**

#### ORDERING CODE EXAMPLE

02 Dimension – Open center - 3/4-16 SAE Port thread

**DDF6V 02 A S**

02 Dimension – Closed center - 3/8 GAS Port thread

**DDF6V 02 C**

Codice d'ordinazione -

Ordering code

|                             |     |                   |
|-----------------------------|-----|-------------------|
| <b>DDF6V</b>                | -   |                   |
| <b>Dimensione/Dimension</b> |     |                   |
| GAS                         | NPT | SAE               |
| 02                          | 3/8 | 3/8      3/4-16   |
| 03                          | 1/2 | 1/2      7/8-14   |
| 04                          | 3/4 | 3/4      11/16-12 |
| 05                          | 1   | 1      15/16-12   |

| Schema/Hydraulic Scheme |                             |
|-------------------------|-----------------------------|
| A                       | Centro aperto/Open center   |
| C                       | Centro chiuso/Closed center |

| Tipo Filetto/Port Type |     |
|------------------------|-----|
| GAS                    |     |
| N                      | NPT |
| S                      | SAE |

#### Applicazione

La singola sezione permette di collegare o escludere il flusso verso due utilizzatori usando una sola alimentazione. Una sola leva, tramite un accoppiamento meccanico, aziona due sezioni contemporaneamente. Questa particolare configurazione si presta anche per l'azionamento di due attuatori doppio effetto.

#### Montaggio

Collegare le alimentazioni alle bocche P e P1 e gli utilizzatori rispettivamente alle bocche A, B e A1, B1.

#### Funzionamento

Ruotando la leva in pos.1 si alimentano le bocche A e A1. Ruotando la leva in pos.2 si alimentano le bocche B e B1.

Tipo C (centro chiuso): con la leva in posizione centrale le bocche P, A, B e P1, A1, B1 sono tutte chiuse.

Tipo A (centro aperto): con la leva in posizione centrale ogni sezione ha le bocche collegate.

#### A richiesta

Corpo cromato – Corpo zincato – Perno nichelato – Fermo per posizioni.

#### NOTE COSTRUTTIVE

Corpo in ghisa – Componenti in acciaio trattati termicamente – Trafilamento contenuto.

#### Application

Every single 3 ways flow diverter connects or takes out inlet flow towards two ports. When hand lever turns, it moves together all two spindles by mechanical connection. This special hydraulic scheme controls a double action actuators.

#### Instruction

P And P1 ports are connected with inlet flow and A, A1 and B, B1 with actuator ports.

#### Operation

Hand lever in pos.1 allows flow towards A and A1 ports.

Hand lever in pos.2 allows flow towards B and B1 ports.

C Type (closed center): when hand lever is in middle position every port is closed.

A Type (open center): when hand lever is in middle position all ports are connected (with the same body).

#### Optional

Chromium plated body – Yellow zinc plated body – Nickel plated spindle.

#### FEATURES

Cast iron body – Hardened spindle – Low leakage .

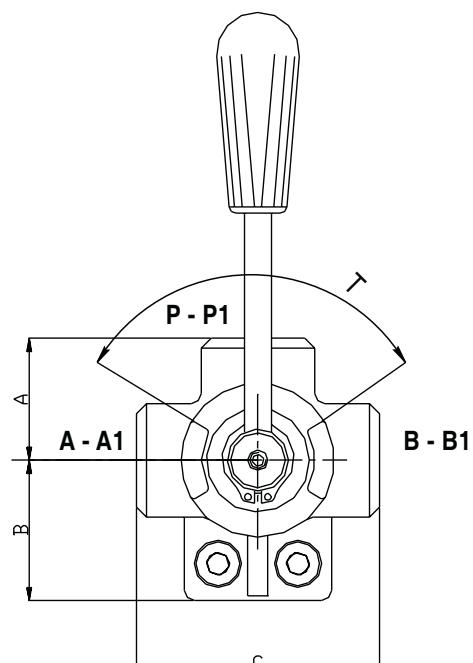
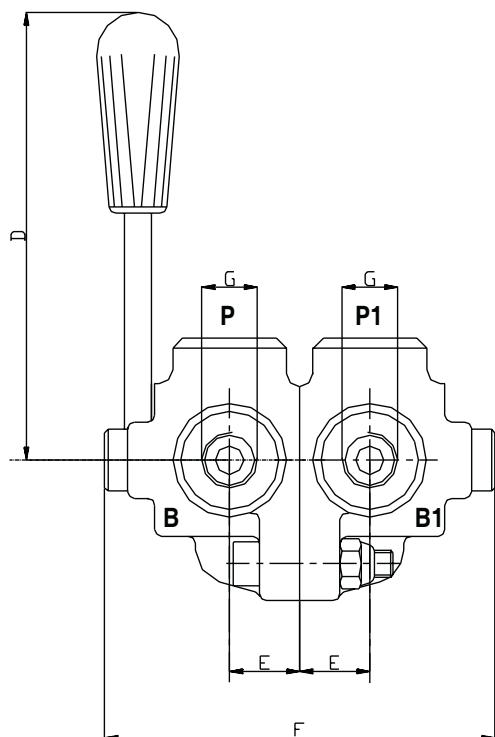
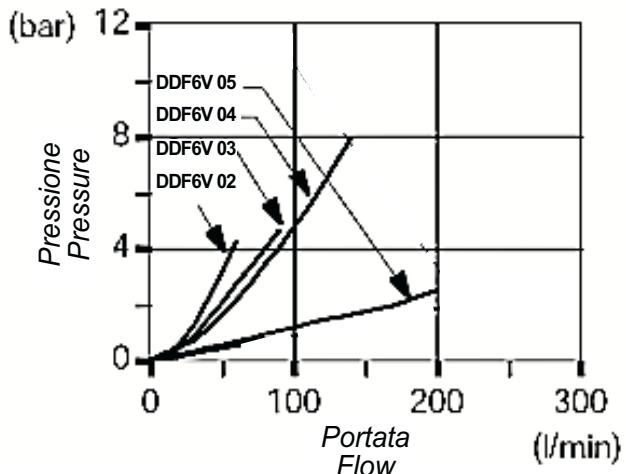


**TECHNICAL FEATURES**

**Caratteristiche - Rating**

| Dimensione/Dimension           | 02  | 03  | 04  | 05  |
|--------------------------------|-----|-----|-----|-----|
| Pressione max/Max Pressure bar | 315 | 280 | 250 | 250 |
| Portata max/Max Flow l/min     | 60  | 90  | 120 | 180 |

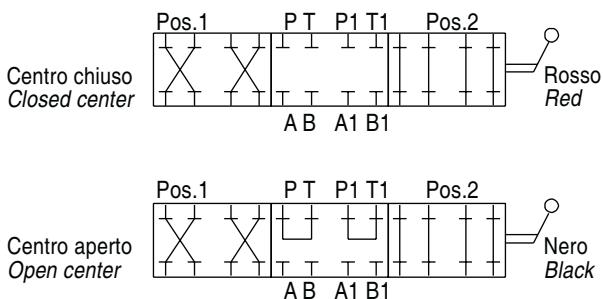
N.B.: per l'utilizzo di altri parametri vogliate consultarci  
Note: where measurements are critical request certified drawings



**Dimensioni e pesi - External dimension and weight**

| Dimensione/Dimension | A  | B  | C  | D   | F    | G   | G<br>GAS | G<br>NPT | G<br>SAE | T°  | Peso<br>Weight<br>kg |
|----------------------|----|----|----|-----|------|-----|----------|----------|----------|-----|----------------------|
| 02                   | 36 | 42 | 73 | 125 | 21   | 124 | 3/8      | 3/8      | 3/4-16   | 100 | 1.76                 |
| 03                   | 43 | 53 | 85 | 125 | 24   | 140 | 1/2      | 1/2      | 7/8-14   | 100 | 2.90                 |
| 04                   | 47 | 58 | 91 | 125 | 28   | 160 | 3/4      | 3/4      | 11/16-12 | 100 | 3.70                 |
| 05                   | 51 | 64 | 98 | 160 | 31.5 | 180 | 1        | 1        | 15/16-12 | 100 | 5.20                 |

## TECHNICAL FEATURES



## ESEMPIO D'ORDINAZIONE

Dimensione 02 – Schema con centro aperto  
- Filetto 3/4-16 SAE **IDF8V 02 A S**

Dimensione 03 – Schema con centro chiuso  
- Filetto 1/2 GAS **IDF8V 03 C**

## ORDERING CODE EXAMPLE

02 Dimension – Open center - 3/4-16 SAE Port Thread  
**IDF8V 02 A S**

03 Dimension – Closed center - 1/2 GAS Port Thread  
**IDF8V 03 C**

## Codice d'ordinazione - Ordering code

|                                |     |                             |          |  |
|--------------------------------|-----|-----------------------------|----------|--|
| <b>IDF8V</b>                   | -   |                             |          |  |
| <b>Dimensione/Dimension</b>    |     |                             |          |  |
|                                | GAS | NPT                         | SAE      |  |
| 02                             | 3/8 | 3/8                         | 3/4-16   |  |
| 03                             | 1/2 | 1/2                         | 7/8-14   |  |
| 04                             | 3/4 | 3/4                         | 11/16-12 |  |
| <b>Schema/Hydraulic Scheme</b> |     |                             |          |  |
|                                | A   | Centro aperto/Open center   |          |  |
|                                | C   | Centro chiuso/Closed center |          |  |
| <b>Tipo Filetto/Port Type</b>  |     |                             |          |  |
|                                |     | GAS                         |          |  |
|                                |     | NPT                         |          |  |
|                                |     | SAE                         |          |  |

## Applicazione

La singola sezione permette di utilizzarli come semplici distributori per azionare attuatori doppio effetto.

Una sola leva, tramite un accoppiamento meccanico, aziona due sezioni contemporaneamente. Questa particolare configurazione si presta anche per l'azionamento di due attuatori doppio effetto.

## Montaggio

Collegare le bocche P e P1 con l'alimentazione e le bocche T e T1 con il ritorno al serbatoio.

Le bocche A, B e A1, B1 vengono collegate agli attuatori.

## Funzionamento

Ruotando la leva in pos.1 P e P1 alimentano le bocche B e B1, contemporaneamente T e T1 alimentano A e A1. Ruotando la leva in pos.2 P e P1 alimentano le bocche A e A1, contemporaneamente T e T1 alimentano B e B1.

Tipo C (centro chiuso): con la leva in posizione centrale tutte le bocche sono chiuse.

Tipo A (centro aperto): con la leva in posizione centrale le alimentazioni P e P1 vanno direttamente alle bocche T e T1.

## A richiesta

Corpo cromato – Corpo zincato – Perno nichelato - Fermo per posizioni.

## NOTE COSTRUTTIVE

Corpo in ghisa – Componenti in acciaio trattati termicamente – Trafilamento contenuto.

## Application

*Every single 4 ways flow diverter connects or takes out inlet flow towards two ports. When hand lever turns, it moves together all two spindles by mechanical connection . This special hydraulic scheme is able to control two double action actuators.*

## Instruction

*P and P1 ports are connected with inlet flow and T and T1 ports with tank line. A, B and A1, B1 ports are connected with actuator ports.*

## Operation

*Hand lever in pos.1 allows flow from P and P1 towards B and B1 and in the meantime T and T1 allows flow towards A and A1.*

*Hand lever in pos.2 connects P and P1 with A and A1 and T and T1 with B and B1.*

*C Type (closed center): when hand lever is in middle position every port is closed.*

*A Type (open center): when hand lever is in middle position P and P1 ports allows flow towards T and T1 ports.*

## Optional

*Chromium plated body – Yellow zinc plated body – Nickel plated spindle.*

## FEATURES

*Cast iron body – Hardened spindle – Low leakage.*

# 8 WAYS ROTARY DIVERTER FLOW VALVE

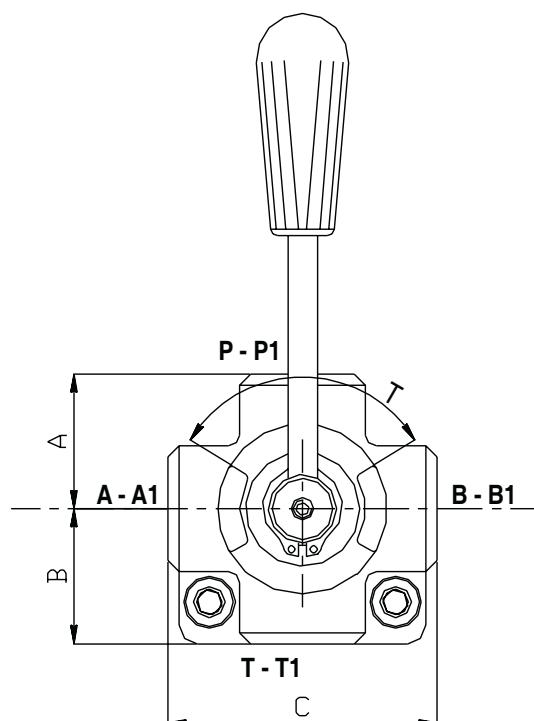
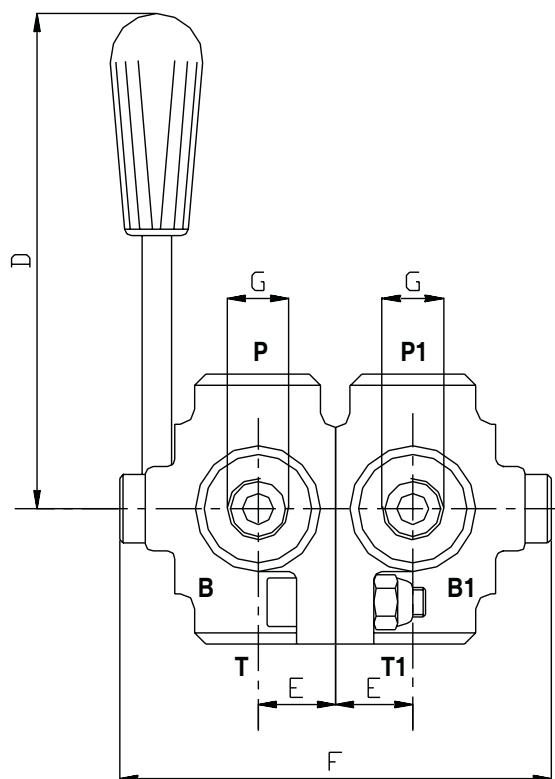
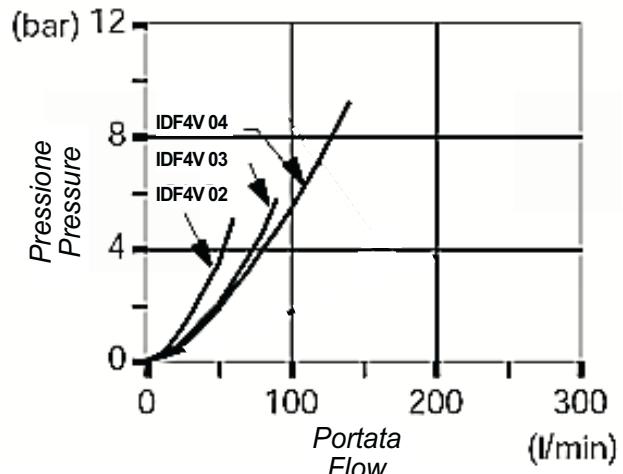
**IDF 8 V**

## TECHNICAL FEATURES

Caratteristiche- Rating

| Dimensione/Dimension           | 02  | 03  | 04  |
|--------------------------------|-----|-----|-----|
| Pressione max/Max Pressure bar | 250 | 250 | 220 |
| Portata max/Max Flow l/min     | 35  | 50  | 90  |

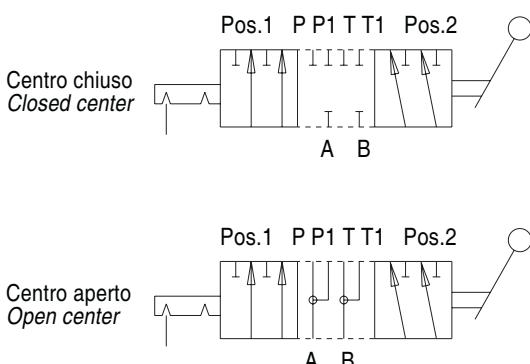
N.B.: per l'utilizzo di altri parametri vogliate consultarci  
Note: where measurements are critical request certified drawings



Dimensioni e pesi - External dimension and weight

| Dimensione/Dimension | A    | B    | C  | D   | E  | F   | G GAS | G NPT | G SAE    | T°  | Peso Weight kg |
|----------------------|------|------|----|-----|----|-----|-------|-------|----------|-----|----------------|
| 02                   | 38.5 | 38.5 | 77 | 125 | 24 | 142 | 3/8   | 3/8   | 3/4-16   | 100 | 2.50           |
| 03                   | 45   | 45   | 90 | 125 | 28 | 160 | 1/2   | 1/2   | 7/8-14   | 100 | 3.80           |
| 04                   | 47.5 | 47.5 | 95 | 125 | 32 | 180 | 3/4   | 3/4   | 11/16-12 | 100 | 5.20           |

## TECHNICAL FEATURES



ESEMPIO D'ORDINAZIONE  
Schema con centro aperto  
- Filetto 3/4-16 SAE

DF06/6-A-S

Schema con centro chiuso  
- Filetto 3/8 GAS

DF06/6-C-G

ORDERING CODE EXAMPLE  
Open center - 3/4-16 SAE Port thread

DF06/6-A-S

Closed center - 3/8 GAS Port thread

DF06/6-C-G

Codice d'ordinazione - Ordering code

|                         |                             |                        |
|-------------------------|-----------------------------|------------------------|
| DF 06/6                 |                             |                        |
|                         |                             |                        |
| Schema/Hydraulic Scheme |                             | Tipo Filetto/Port Type |
| A                       | Centro aperto/Open center   | G 3/8 GAS (BSP)        |
| C                       | Centro chiuso/Closed center | M M18x1.5              |
|                         |                             | S 3/4 16 UNF (SAE8)    |

**Applicazione**

La singola sezione permette di collegare o escludere il flusso verso due utilizzzi usando una sola alimentazione. Una sola leva, tramite un accoppiamento meccanico, aziona due sezioni contemporaneamente. Questa particolare configurazione si presta anche per l'azionamento di due attuatori doppio effetto.

**Montaggio**

Collegare le alimentazioni alle bocche A e B e gli utilizzzi rispettivamente alle bocche P, T e P1, T1.

**Funzionamento**

Il comando dispone di ritenuta nelle posizioni 1 e 2. Spingendo la leva in pos.1 si alimentano le bocche P1 e T1. Tirando la leva in pos.2 si alimentano le bocche P e T.  
Tipo C (centro chiuso): con la leva in posizione centrale le bocche P, A, B e P1, A1, B1 sono tutte chiuse.  
Tipo A (centro aperto): con la leva in posizione centrale ogni sezione ha le bocche collegate.

**NOTE COSTRUTTIVE**

Corpo in ghisa – Componenti in acciaio trattati termicamente – Trafilamento contenuto.

**Application**

The single diverter connects or takes out inlet flow towards two ports. When hand lever is pushed or pulled, it moves together all two spindles by mechanical connection. This special hydraulic scheme controls a double action actuators.

**Instruction**

A And B ports are connected with inlet flow and P, T and P1, T1 with actuator ports.

**Operation**

Detent on positions 1 and 2

Hand lever in pos.1 allows flow towards P1 and T1 ports.

Hand lever in pos.2 allows flow towards P and T ports.

C Type (closed center): when hand lever is in middle position every port is closed.

A Type (open center): when hand lever is in middle position all ports are connected (with the same body).

**FEATURES**

Cast iron body – Hardened spindle – Low leakage .

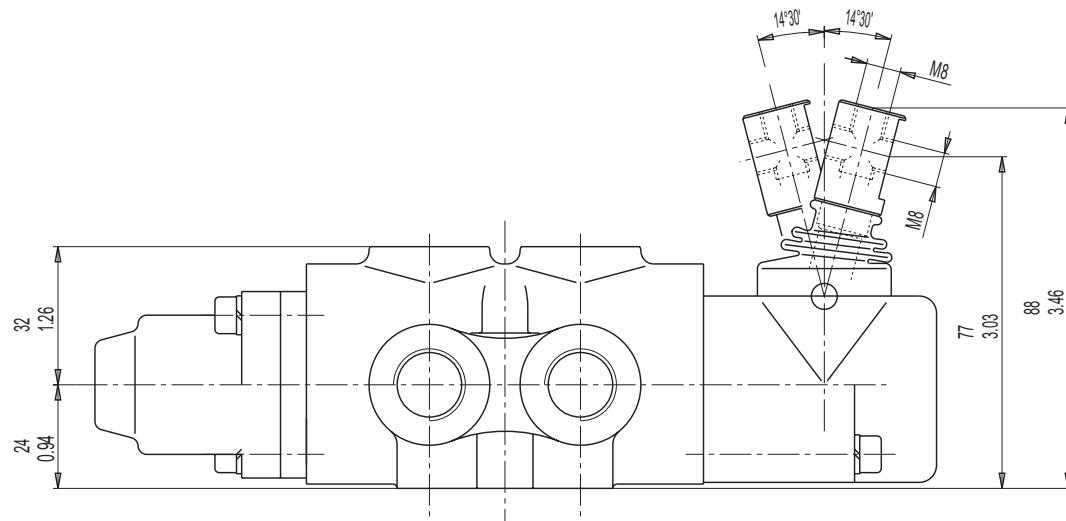
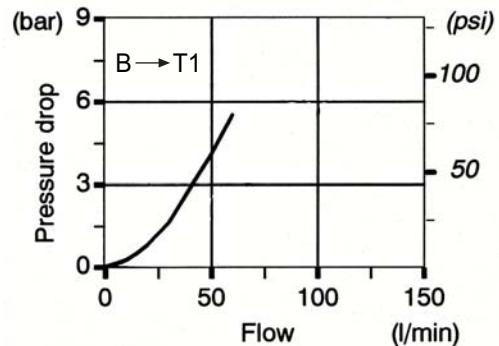
**TECHNICAL FEATURES**

**Caratteristiche - Rating**

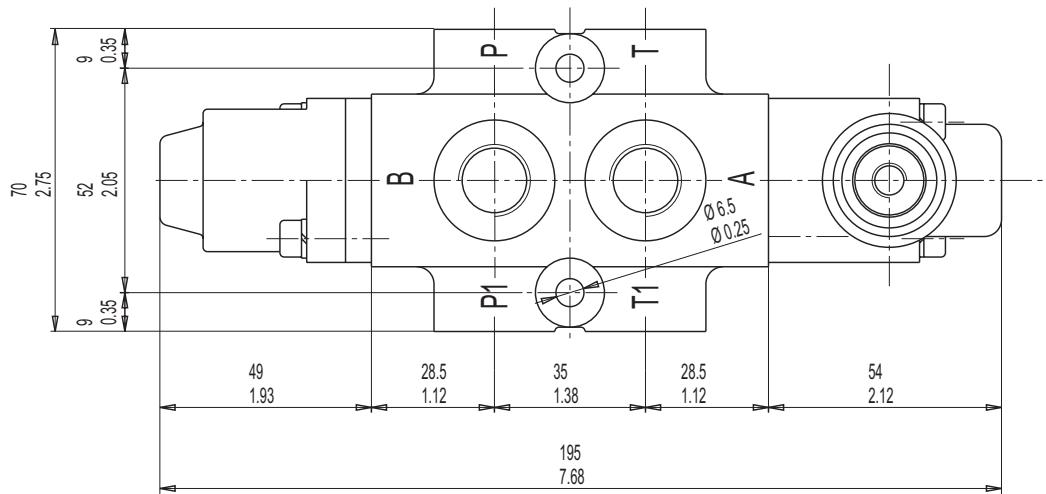
| Limiti di funzionamento/Working limits                                       |
|--|
| 60 l/min per $\Delta p$ fino 210 bar - 16 gpm (US) $\Delta p$ up to 3000 psi |
| 50 l/min per $\Delta p$ fino 250 bar - 13 gpm (US) $\Delta p$ up to 3600 psi |

N.B.: la portata in ingresso si intende come somma delle portate alle bocche A e B.

Note: the inlet oil flow is the sum of the inlet oil flows on ports A and B



CORSA SPOLA 11mm - SPOOL STROKE 11 mm



## TECHNICAL FEATURES

**Applicazione**

La singola sezione permette di collegare o escludere il flusso verso due utilizzatori usando una sola alimentazione. Una sola leva, tramite un accoppiamento meccanico, aziona due sezioni contemporaneamente. Questa particolare configurazione si presta anche per l'azionamento di due attuatori doppio effetto.

**Montaggio**

Collegare le alimentazioni alle bocche A e B e gli utilizzatori rispettivamente alle bocche P, T e P1, T1.

**Funzionamento**

Il comando dispone di ritenuta nelle posizioni 1 e 2 e di perno filettato M8 per secondo comando.

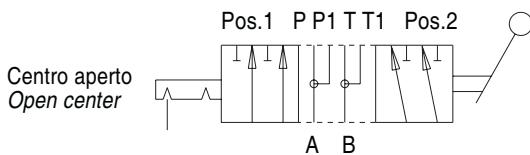
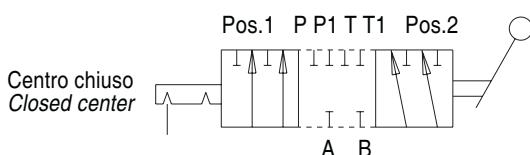
Spingendo la leva in pos.1 si alimentano le bocche P1 e T1. Tirando la leva in pos.2 si alimentano le bocche P e T.

Tipo C (centro chiuso): con la leva in posizione centrale le bocche P, A, B e P1, A1, B1 sono tutte chiuse.

Tipo A (centro aperto): con la leva in posizione centrale ogni sezione ha le bocche collegate.

**NOTE COSTRUTTIVE**

Corpo in ghisa – Componenti in acciaio trattati termicamente – Trafilamento contenuto.

**ESEMPIO D'ORDINAZIONE**

Schema con centro aperto  
- Filetto 3/4-16 SAE

DF06/6-A-S-C3

Schema con centro chiuso  
- Filetto 3/8 GAS

DF06/6-C-G-C3

ORDERING CODE EXAMPLE  
Open center - 3/4-16 SAE Port thread

DF06/6-A-S-C3

Closed center - 3/8 GAS Port thread

DF06/6-C-G-C3

**Application**

The single diverter connects or takes out inlet flow towards two ports. When hand lever is pushed or pulled, it moves together all two spindles by mechanical connection. This special hydraulic scheme controls a double action actuators.

**Instruction**

A And B ports are connected with inlet flow and P, T and P1, T1 with actuator ports.

**Operation**

Detent on positions 1 and 2, threaded pivot M8 for second control  
Hand lever in pos.1 allows flow towards P1 and T1 ports.

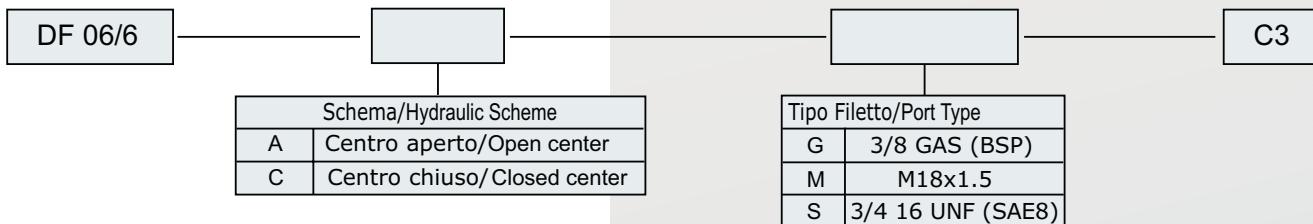
Hand lever in pos.2 allows flow towards P and T ports.

C Type (closed center): when hand lever is in middle position every port is closed.

A Type (open center): when hand lever is in middle position all ports are connected (with the same body).

**FEATURES**

Cast iron body – Hardened spindle – Low leakage .

**Codice d'ordinazione - Ordering code**

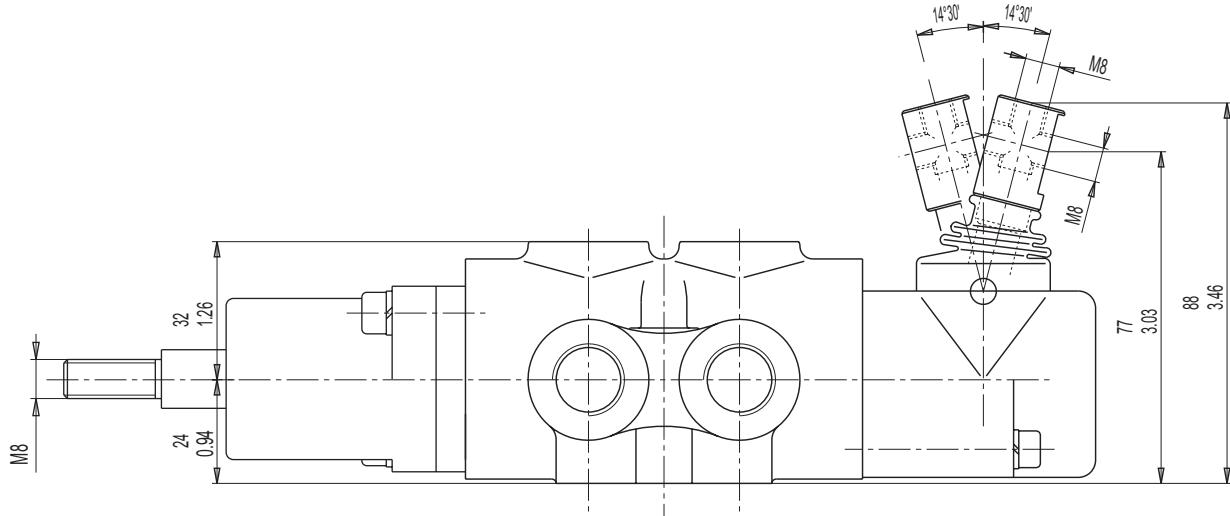
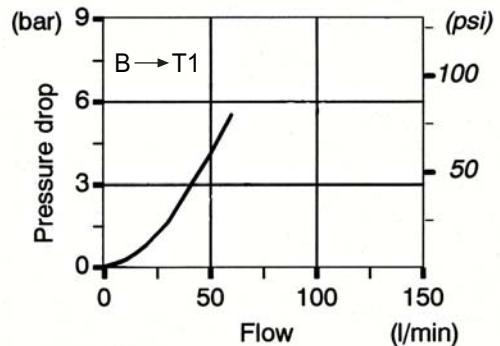
**TECHNICAL FEATURES**

**Caratteristiche - Rating**

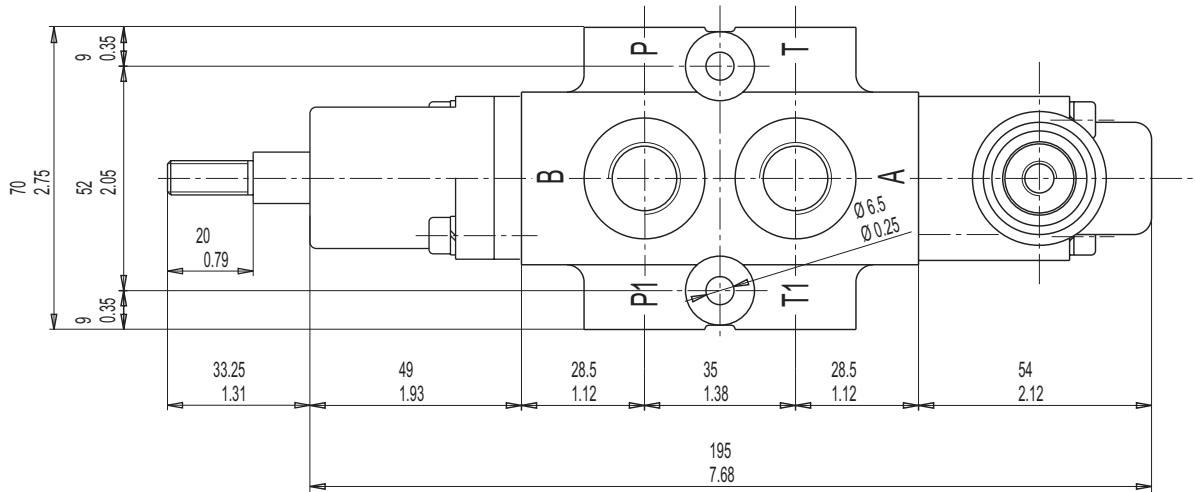
| Limiti di funzionamento/Working limits                                       |
|--|
| 60 l/min per $\Delta p$ fino 210 bar - 16 gpm (US) $\Delta p$ up to 3000 psi |
| 50 l/min per $\Delta p$ fino 250 bar - 13 gpm (US) $\Delta p$ up to 3600 psi |

N.B.: la portata in ingresso si intende come somma delle portate alle bocche A e B.

Note: the inlet oil flow is the sum of the inlet oil flows on ports A and B



CORSA SPOLA 11mm - SPOOL STROKE 11 mm



### TECHNICAL FEATURES



#### Applicazione

La singola sezione permette di collegare o escludere il flusso verso due utilizzi usando una sola alimentazione. Un comando elettromagnetico, tramite un accoppiamento meccanico, aziona due sezioni contemporaneamente. Questa particolare configurazione si presta anche per l'azionamento di due attuatori doppio effetto.

#### Montaggio

Collegare le alimentazioni alle bocche A e B e gli utilizzi rispettivamente alle bocche P, T e P1, T1.

#### Funzionamento

Ad elettromagnete disaccendito la valvola si trova in pos. 1.  
In pos.1 si alimentano le bocche P1 e T1.  
Eccitando l'elettromagnete la valvola si pone in pos. 2.  
In pos.2 si alimentano le bocche P e T.  
Tipo A (centro aperto): con la leva in posizione centrale ogni sezione ha le bocche collegate.

#### NOTE COSTRUTTIVE

Corpo in ghisa – Componenti in acciaio trattati termicamente –  
Trafilamento contenuto.

#### Application

The single diverter connects or takes out inlet flow towards two ports. When solenoid is energized, it moves together all two spindles by mechanical connection. This special hydraulic scheme controls a double action actuators.

#### Instruction

A And B ports are connected with inlet flow and P, T and P1, T1 with actuator ports.

#### Operation

Solenoid de-energized.

Pos.1 allows flow towards P1 and T1 ports.

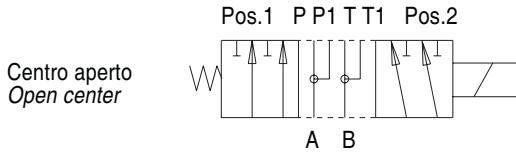
Solenoid energized.

Pos.2 allows flow towards P and T ports.

A Type (open center): when hand lever is in middle position all ports are connected (with the same body).

#### FEATURES

Cast iron body – Hardened spindle – Low leakage .



ESEMPIO D'ORDINAZIONE  
Schema con centro aperto  
- Filetto 3/4-16 SAE  
- Elettromagnete 12 Vdc

DF06/6-AE-12-S

ORDERING CODE EXAMPLE  
Open center - 3/4-16 SAE Port thread  
Solenoid 12 Vdc

DF06/6-AE-12-S

Codice d'ordinazione - Ordering code

|            |                 |                   |                   |
|------------|-----------------|-------------------|-------------------|
| DF 06/6-AE |                 |                   |                   |
|            |                 | Tensione/ Voltage |                   |
| 12         | Solenoid 12 Vdc | G                 | 3/8 GAS (BSP)     |
| 24         | Solenoid 24 Vdc | M                 | M18x1.5           |
|            |                 | S                 | 3/4 16 UNF (SAE8) |

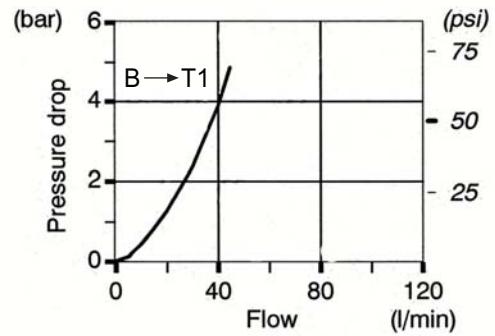
**TECHNICAL FEATURES**

Caratteristiche - Rating

| Limiti di funzionamento/Working limits                                       |  |
|--|--|
| 50 l/min per $\Delta p$ fino 200 bar - 13 gpm (US) $\Delta p$ up to 2900 psi |  |
| 35 l/min per $\Delta p$ fino 250 bar - 9 gpm (US) $\Delta p$ up to 3600 psi  |  |

N.B.: la portata in ingresso si intende come somma delle portate alle bocche A e B.

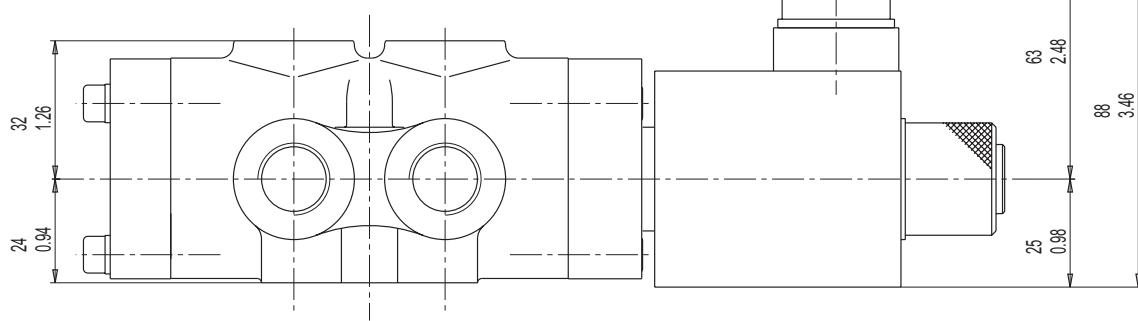
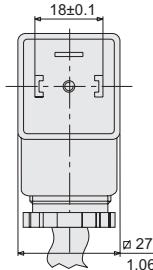
Note: the inlet oil flow is the sum of the inlet oil flows on ports A and B



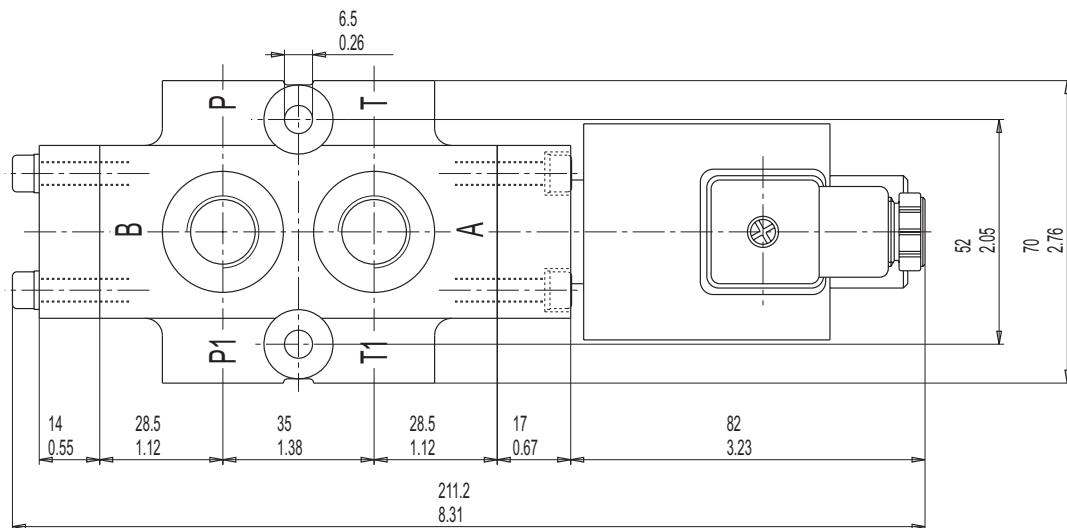
**SOLENOID SPECIFICATIONS**

|  |               |
|--|---------------|
| - SOLENOID TYPE                            | single acting |
| - AVAILABLE VOLTAGE                        | 12 - 24 Vdc   |
| - ABSORBED POWER                           | 36 W          |
| - RELATIVE DUTY CYCLE                      | 100%          |
| - PROTECTION INDEX WITH STANDARD CONNECTOR | IP 65         |

**CONNECTOR  
DIN 43650 - A/ISO 4400**



CORSA SPOLA 4.5 mm - SPOOL STROKE 4.5 mm





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