

OLEODINAMICA



N°206

# CATALOGO TECNICO

## DISTRIBUTORI OLEODINAMICI

TECHNICAL CATALOGUE - HYDRAULIC CONTROL VALVES





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# SOMMARIO

## SUMMARY

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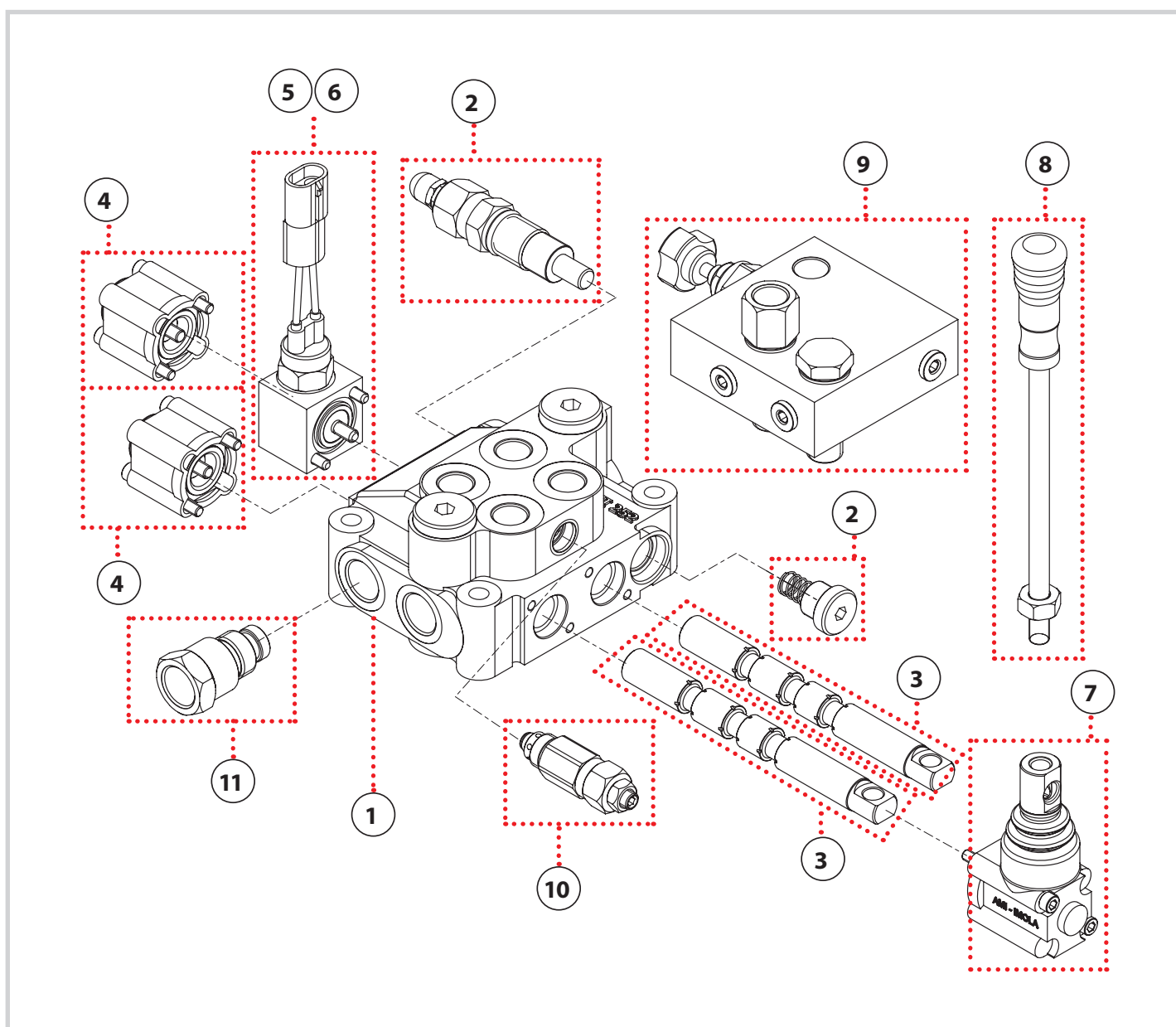


## ESEMPIO DI ORDINAZIONE PER VERSIONE STANDARD

EXAMPLE OF ORDER FOR STANDARD VERSION

AMI 252	P1D(160)	AB1	C1	H2	R10	R3	R4(200)	+H72I	AB1	C1	Z6(130)...	+H10
1	2	3	4	5	6	7	8	9	3	4	10	11

- 1 = modello/type (Pag. A)
- 2 = collettore/manifold (Pag. B)
- 3 = cursore/spool (Pag. C)
- 4 = controllo cursore/spool drive (Pag. D)
- 5 = predisposizione micro/presetting for ball micro-switch (Pag. E)
- 6 = micro a sfera/ ball micro-switch (Pag. E)
- 7 = gruppo leva/lever spool driving unit (Pag. E)
- 8 = asta leva/lever rod (Pag. E)
- 9 = regolatore con inversione/regulator block with reversal function (Pag. E)
- 10 = valvola max pressione e antiurto/pressure relief and antishock valve (Pag. E)
- 11 = carry-over/carry-over (Pag. E)

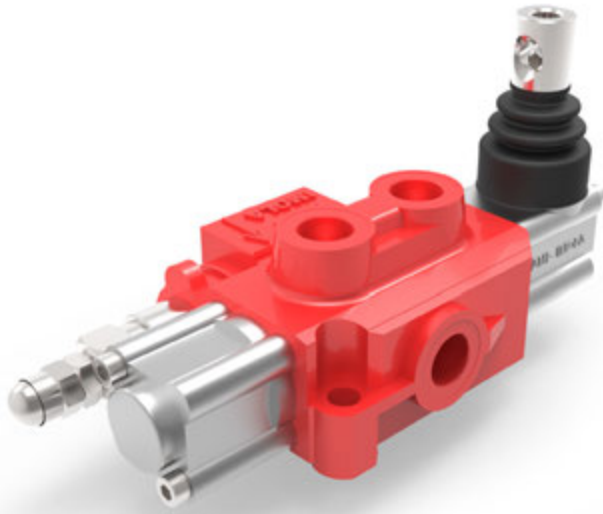


Esempio riferito a filettatura standard  
Example referred to standard threads

# DISTRIBUTORE MONOBLOCCO

## MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 3



**Costruito ad una sola sezione**  
*Manufactured in one section only*

**Portata nominale**  
*Nominal flow rate* ..... 40 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 300 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 60 a 300 bar  
**(a richiesta tarabile da 10 a 250 bar)**  
*(on request may be set from 10 to 250 bar)*

**Valvola di ritegno unidirezionale in entrata / Single-acting check valve on inlet**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

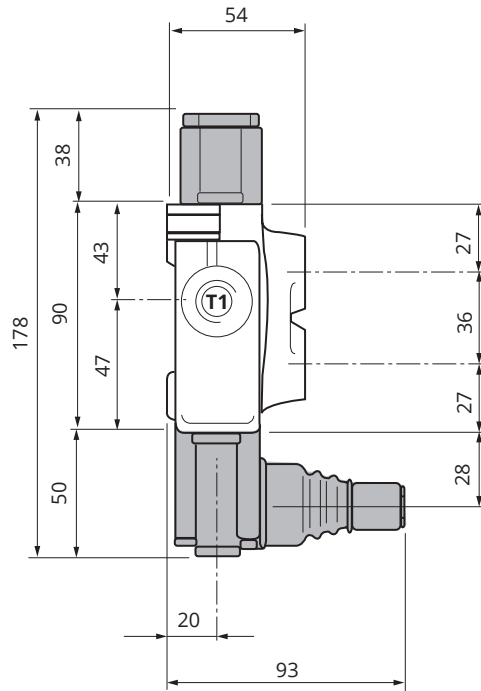
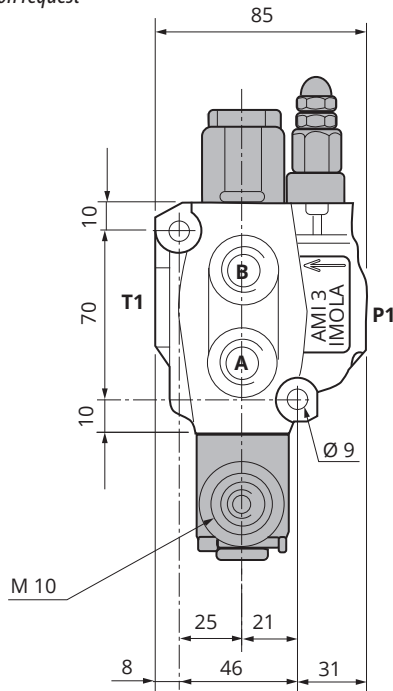
**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 18 ml/min

**Peso**  
*Weight* ..... 1,900 kg

**Versione standard: entrata DESTRA**  
*Standard version: RIGHT-HAND inlet*

**Trattamento antiruggine - a richiesta**  
*Rust-preventive treatment - on request*



### FILETTATURE DISPONIBILI / AVAILABLE THREADS

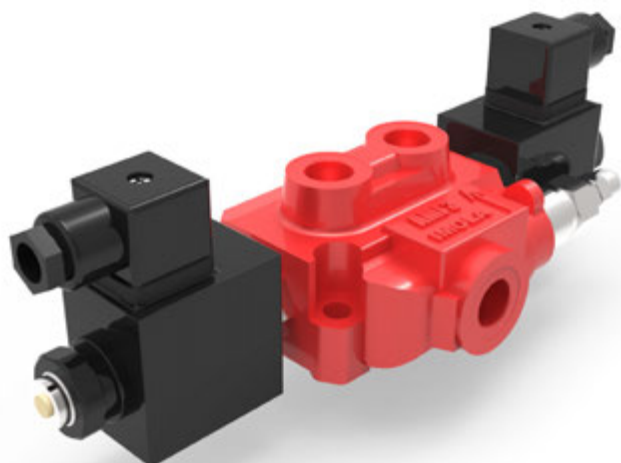
UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND			
<b>P1</b>	3/8" BSP	3/8" - 18 NPT	1/2" BSP	18x1,5	1/4"
<b>A - B</b>	3/8" BSP	3/8" - 18 NPT	1/2" BSP	18x1,5	1/4"
<b>T1</b>	3/8" BSP	3/8" - 18 NPT	1/2" BSP	18x1,5	1/4"
PILOTAGGI/CONTROL PILOT PORTS					
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP				
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"				

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# DISTRIBUTORE MONOBLOCCO ELETTRICO

## ELECTRIC MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 3



### Costruito ad una sola sezione

*Manufactured in one section only*

### Portata nominale

*Nominal flow rate* ..... 25 l/min

### Pressione MAX di esercizio

*MAX working pressure* ..... 200 bar

### Contropressione MAX allo scarico

*MAX return backpressure* ..... 10 - 12 bar

### Valvola di MAX PRESSIONE standard tarabile

*Standard PRESSURE RELIEF valve, may be set* ..... da 60 a 300 bar  
**(a richiesta tarabile da 10 a 250 bar)**  
*(on request may be set from 10 to 250 bar)*

**Valvola di ritegno unidirezionale in entrata / Single-acting check valve on inlet**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

### Temperatura di esercizio

*Working temperature* ..... min. -30°C ÷ max. 80°C

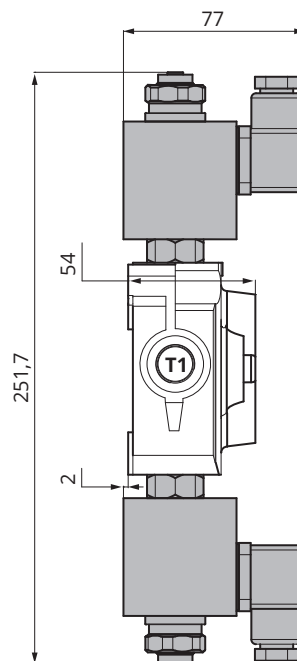
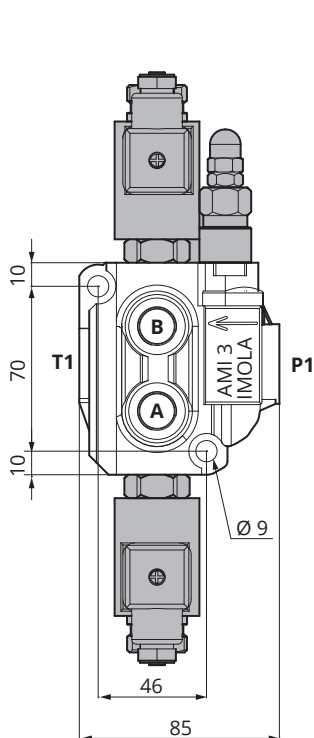
### Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)

*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 30 - 35 ml/min

**Assorbimento / Absorption: per 12 Vcc (H70) / for 12 Vdc (H70) ..... 36 Watt, 3 Ampere**  
**per 24 Vcc (H71) / for 24 Vdc (H71) ..... 36 Watt, 1,50 Ampere**

### Peso

*Weight* ..... 2,500 kg



### VERSIONE H70 - H71

Dispositivo per azionamento elettrico (diretto) a 12 ÷ 24Vcc

**N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo.**

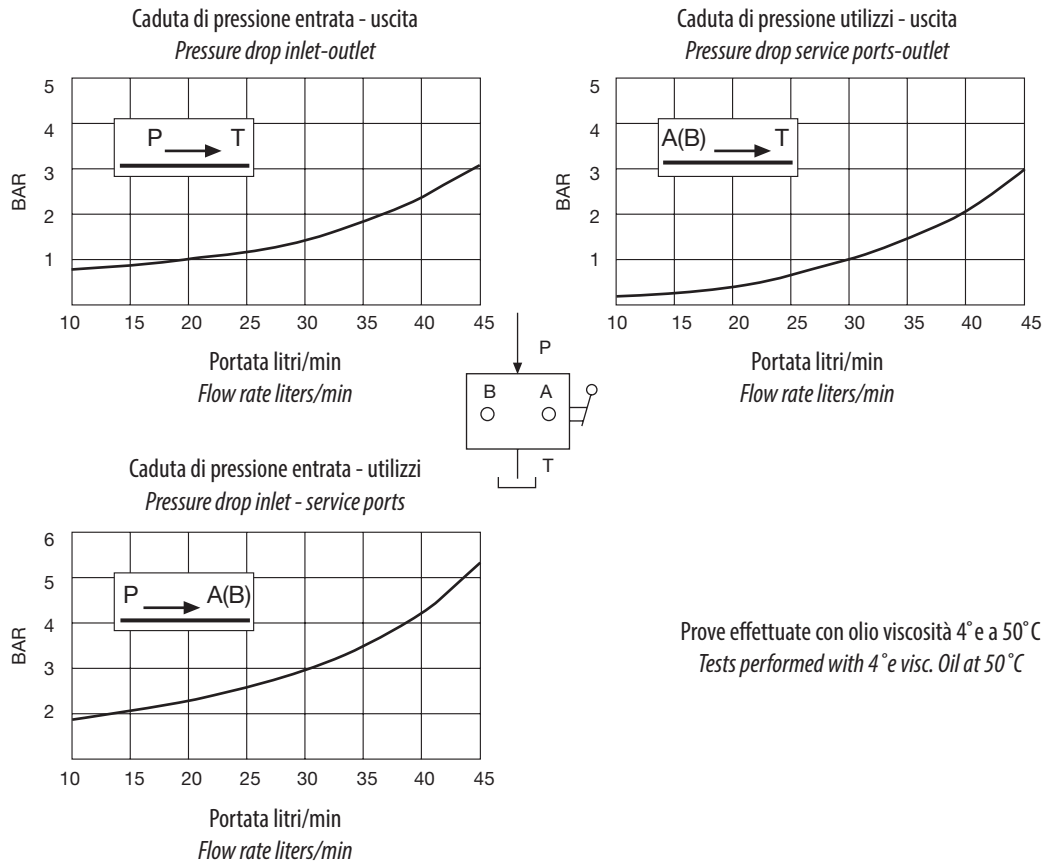
### VERSION H70-H71

Electric drive 12 - 24Vdc (direct)

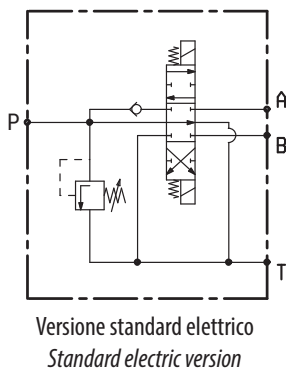
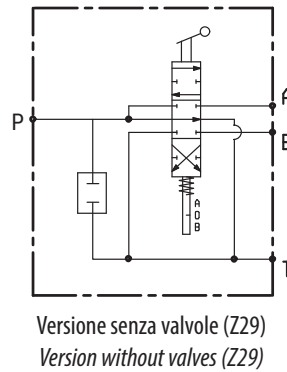
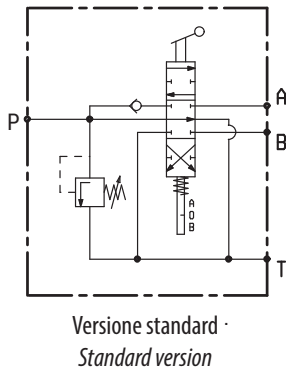
**N.B. The electromagnet application requires a special machining of the body.**



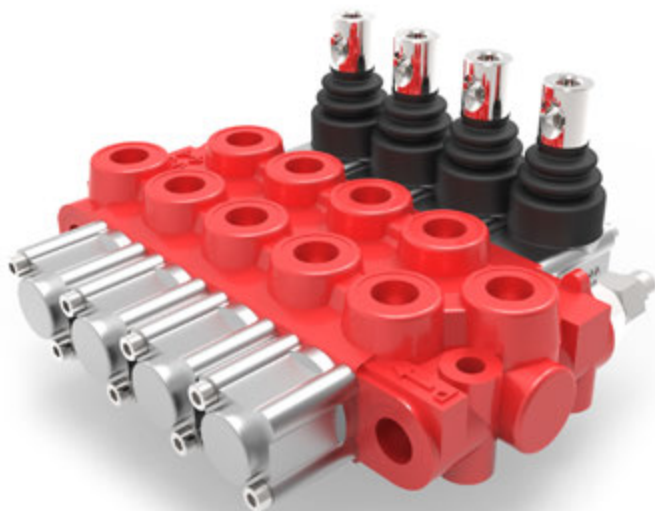
**VERSIONE MANUALE**  
**MANUAL VERSION**



**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



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**Versione standard: entrata SINISTRA**  
Standard version: LEFT-HAND inlet

**Trattamento antiruggine - a richiesta**  
Rust-preventive treatment - on request

**Costruito da 2 a 7 sezioni**  
Manufactured in 2 to 7 sections

**Portata nominale**  
Nominal flow rate.....35 l/min

**Pressione MAX di esercizio**  
MAX working pressure ..... 300 bar

**Contropressione MAX allo scarico**  
MAX return backpressure..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
Standard PRESSURE RELIEF valve, may be set ..... da 60 a 300 bar  
(a richiesta tarabile da 10 a 250 bar)  
(on request may be set from 10 to 250 bar)

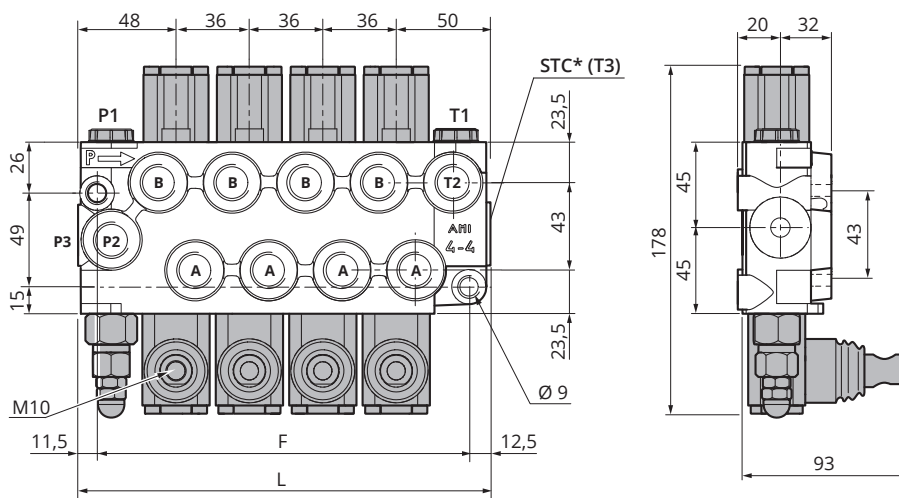
**Cursore reversibile per entrata destra o sinistra**  
Reversing spool for right-hand or left-hand inlet

**Ricoprimento positivo del cursore / Positive spool overlapping**

**Temperatura di esercizio**  
Working temperature ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST) ..... 18 ml/min

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 4 (a 2 sezioni / 2 sections)	134	110	4,200
AMI 4 (a 3 sezioni / 3 sections)	170	146	5,400
AMI 4 (a 4 sezioni / 4 sections)	206	182	6,600
AMI 4 (a 5 sezioni / 5 sections)	242	218	7,800
AMI 4 (a 6 sezioni / 6 sections)	278	254	9,100
AMI 4 (a 7 sezioni / 7 sections)	314	290	10,400



STC=\* N.B.: Predisposizione per la continuazione della linea di pressione (CARRY - OVER) solo a richiesta  
STC=\* N.B.: Presetting for CARRY - OVER only on request

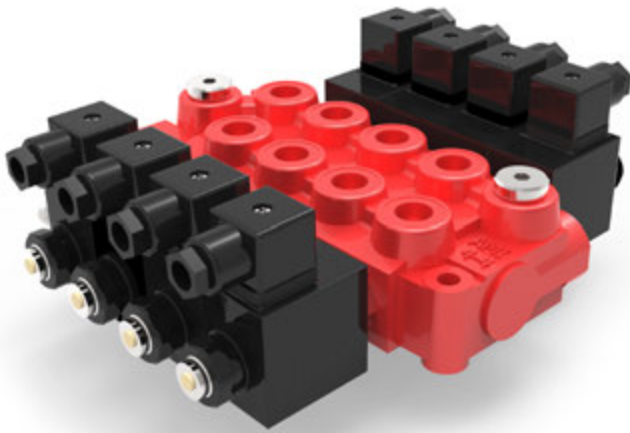
**FILETTATURE DISPONIBILI / AVAILABLE THREADS**

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND	
<b>P1 - P2</b>	<b>3/8" BSP</b>	<b>3/8" - 18 NPT</b>	<b>1/4" BSP</b>
<b>A - B</b>	<b>3/8" BSP</b>	<b>3/8" - 18 NPT</b>	<b>1/4" BSP</b>
<b>T1 - T2</b>	<b>3/8" BSP</b>	<b>3/8" - 18 NPT</b>	<b>1/4" BSP</b>
<b>STC (T3)</b>	<b>1/2" BSP (a richiesta/on request)</b>	<b>1/2" BSP</b>	<b>1/2" BSP</b>
<b>P3</b>	<b>3/8" BSP (a richiesta/on request)</b>	<b>3/8" - 18 NPT</b>	<b>1/4" BSP</b>
<b>PILOTAGGI/CONTROL PILOT PORTS</b>			
<b>PNEUMATICI/PNEUMATICS</b>	<b>1/8" BSP</b>		
<b>IDRAULICI/HYDRAULICS</b>	<b>G 1/4"</b>		

# DISTRIBUTORE MONOBLOCCO ELETTRICO

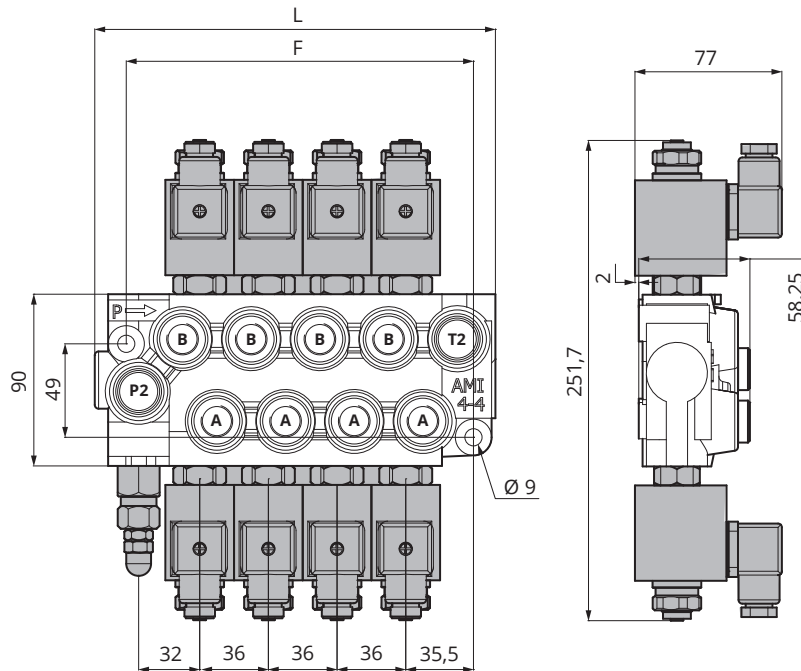
## ELECTRIC MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 4



- Costruito da 2 a 7 sezioni**  
*Manufactured in 2 to 7 sections*
- Portata nominale**  
*Nominal flow rate* .....25 l/min
- Pressione MAX di esercizio**  
*MAX working pressure* ..... 200 bar
- Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 10 - 12 bar
- Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 60 a 300 bar  
**(a richiesta tarabile da 10 a 250 bar)**  
*(on request may be set from 10 to 250 bar)*
- Cursore reversibile per entrata destra o sinistra**  
*Reversing spool for right-hand or left-hand inlet*
- Ricoprimento positivo del cursore / Positive spool overlapping**
- Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C
- Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* .....30 - 35 ml/min
- Assorbimento / Absorption: per 12 Vcc (H70) / for 12 Vdc (H70) .....36 Watt, 3 Ampere**  
**per 24 Vcc (H71) / for 24 Vdc (H71) .....36 Watt, 1,50 Ampere**

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 4 (a 2 sezioni / 2 sections)	134	110	4,800
AMI 4 (a 3 sezioni / 3 sections)	170	146	6,600
AMI 4 (a 4 sezioni / 4 sections)	206	182	8,500
AMI 4 (a 5 sezioni / 5 sections)	242	218	10,400
AMI 4 (a 6 sezioni / 6 sections)	278	254	12,000
AMI 4 (a 7 sezioni / 7 sections)	314	290	13,900



### VERSIONE H70 - H71

Dispositivo per azionamento elettrico (diretto) a 12 ÷ 24Vcc

N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo.

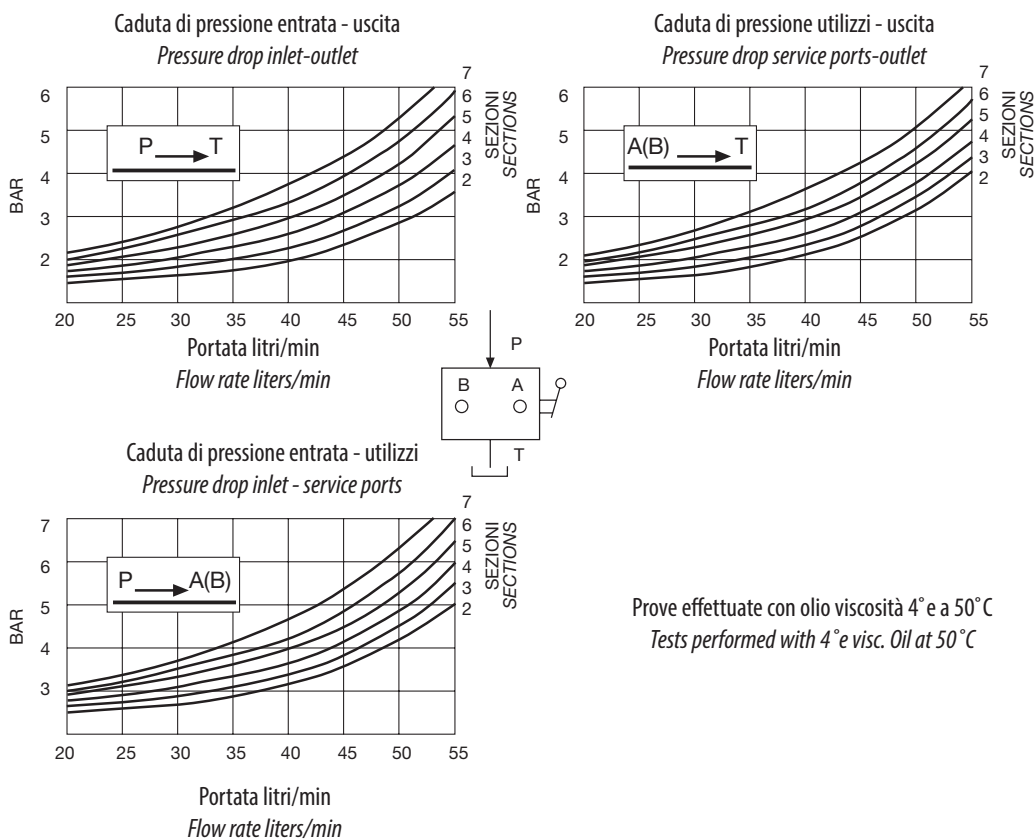
### VERSION H70-H71

Electric drive 12 - 24Vdc (direct)

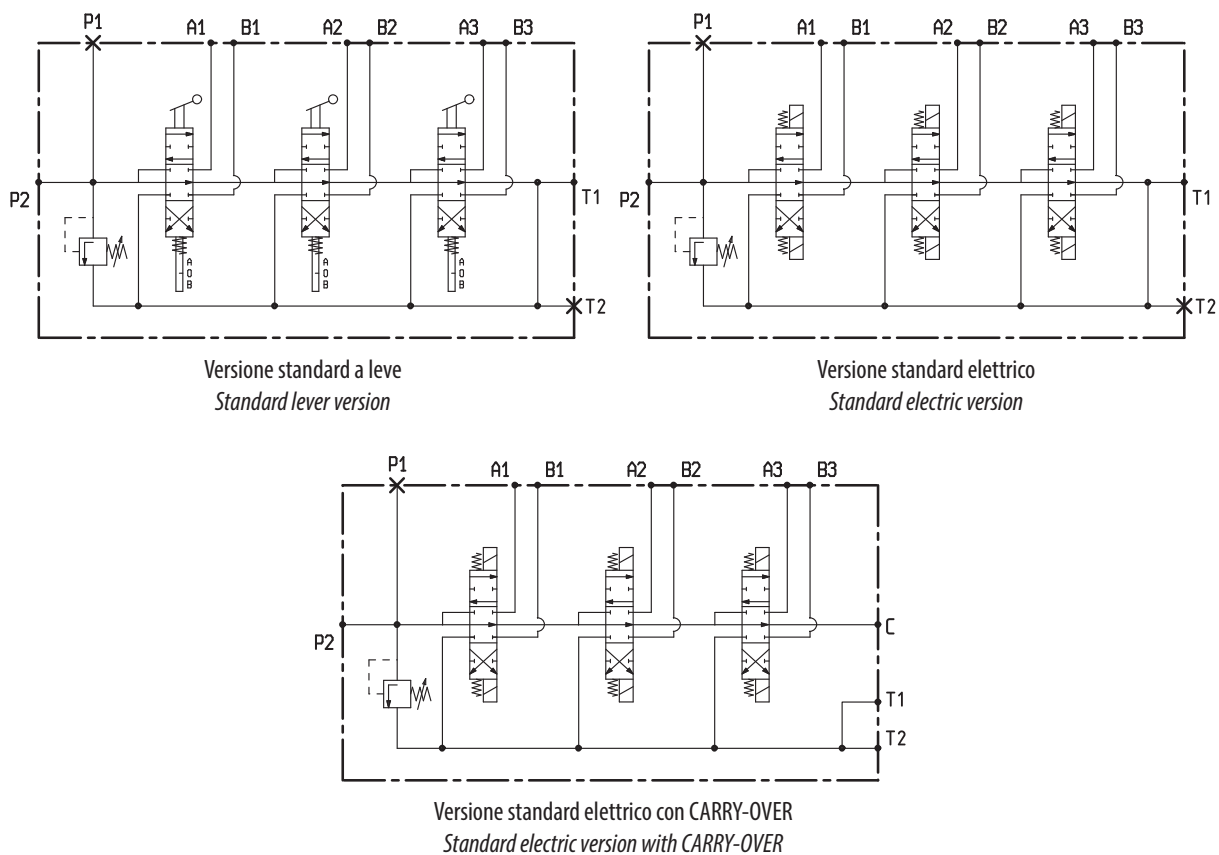
N.B. The electromagnet application requires a special machining of the body.

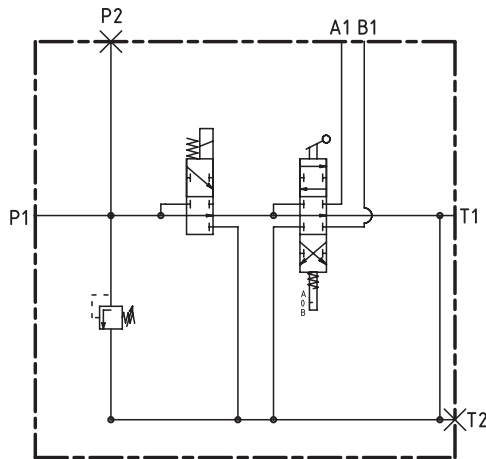
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**VERSIONE MANUALE**  
**MANUAL VERSION**

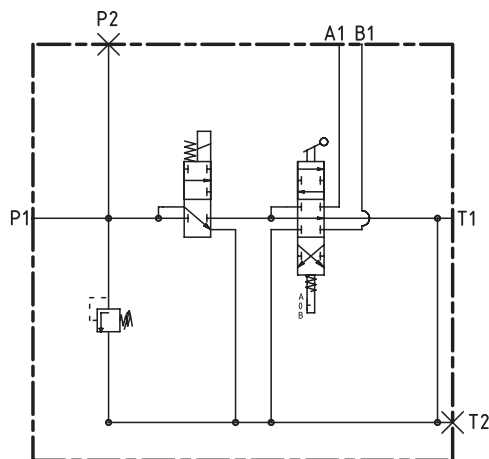


**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**





Versione V3 con bobina di messa a scarico dell'impianto 12Vcc o 24Vcc (V3 (12V); V3 (24V))  
 V3 version with system draining coil, 12Vdc or 24Vdc (V3 (12V); V3 (24V))



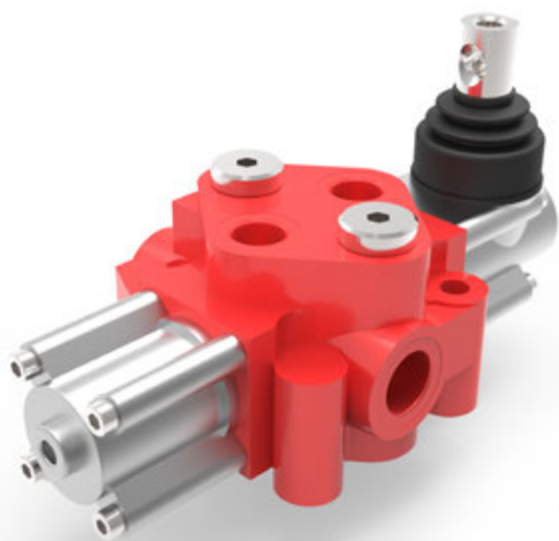
Versione V6 con bobina di messa in pressione dell'impianto 12Vcc o 24Vcc (V6 (12V); V6 (24V))  
 V6 version with system pressurising coil, 12Vdc or 24Vdc (V6 (12V); V6 (24V))

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# DISTRIBUTORE MONOBLOCCO

## MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 21R



**Versione standard: entrata DESTRA**  
Standard version: RIGHT-HAND inlet

**Trattamento antiruggine - a richiesta**  
Rust-preventive treatment - on request

**Costruito ad una sola sezione**  
Manufactured in one section only

**Portata nominale**  
Nominal flow rate ..... 45 l/min

**Pressione MAX di esercizio**  
MAX working pressure ..... 350 bar

**Contropressione MAX allo scarico**  
MAX return backpressure ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
Standard PRESSURE RELIEF valve, may be set ..... da 60 a 300 bar  
(a richiesta tarabile da 10 a 250 bar)  
(on request may be set from 10 to 250 bar)

**Valvola di ritegno unidirezionale in entrata / Single-acting check valve on inlet**  
Ricoprimento negativo del cursore / Negative spool overlapping

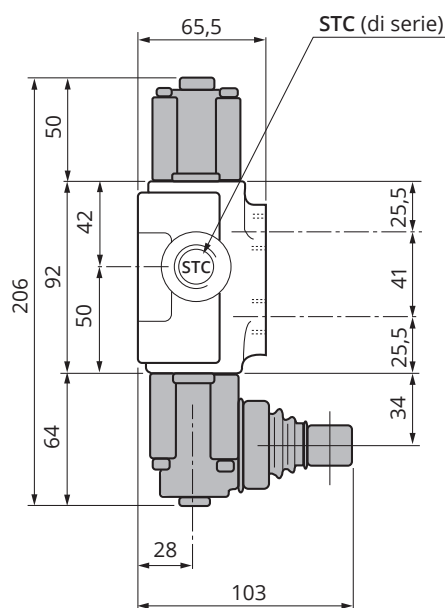
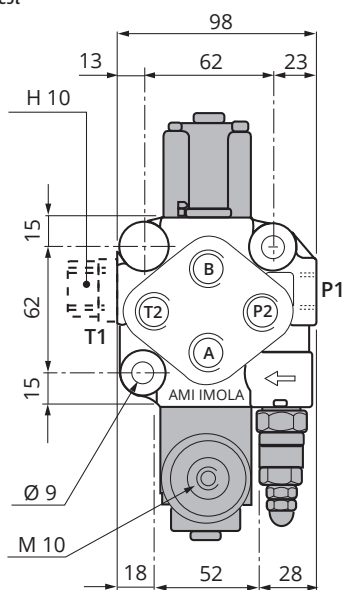
**Cursore reversibile per entrata destra o sinistra escluso cursore tipo AB2**  
Reversing spool for right-hand or left-hand inlet except AB2 spool

**Predisposto per la continuazione della linea di pressione (STC)**  
STC: presetting for CARRY-OVER

**Temperatura di esercizio**  
Working temperature ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST) ..... 18 ml/min

**Peso**  
Weight ..... 3,400 kg



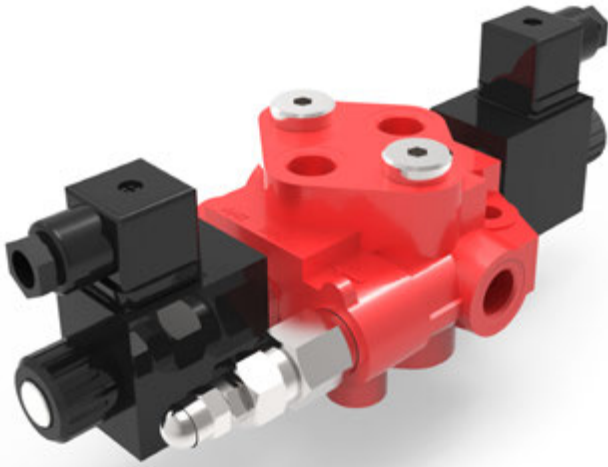
### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND		
<b>P1 - P2</b>	3/8" BSP	3/8" - 18 NPT	1/2" BSP	18x1,5
<b>A - B</b>	3/8" BSP	3/8" - 18 NPT	1/2" BSP	18x1,5
<b>T2</b>	3/8" BSP	3/8" - 18 NPT	1/2" BSP	18x1,5
<b>T1 - STC</b>	1/2" BSP	1/2" BSP	1/2" BSP	1/2" BSP
PILOTAGGI/CONTROL PILOT PORTS				
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP			
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"			

# DISTRIBUTORE MONOBLOCCO ELETTRICO

## ELECTRIC MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 21R



**Costruito ad una sola sezione**  
*Manufactured in one section only*

**Portata nominale**  
*Nominal flow rate* ..... 35 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 220 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 10 - 12 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 60 a 300 bar  
**(a richiesta tarabile da 10 a 250 bar)**  
*(on request may be set from 10 to 250 bar)*

**Valvola di ritegno unidirezionale in entrata / Single-acting check valve on inlet**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

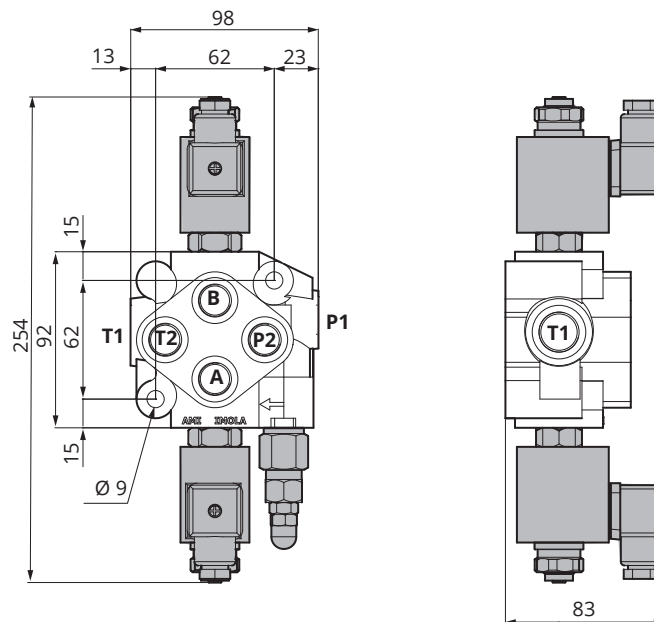
**Predisposto per la continuazione della linea di pressione (STC)**  
*STC: presetting for CARRY-OVER*

**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 30 - 35 ml/min

**Assorbimento / Absorption: per 12 Vcc (H70) / for 12 Vdc (H70) ..... 36 Watt, 3 Ampere**  
**per 24 Vcc (H71) / for 24 Vdc (H71) ..... 36 Watt, 1,50 Ampere**

**Peso**  
*Weight* ..... 3,500 kg



### VERSIONE H70 - H71

Dispositivo per azionamento elettrico (diretto) a 12 ÷ 24Vcc

N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo.

### VERSION H70-H71

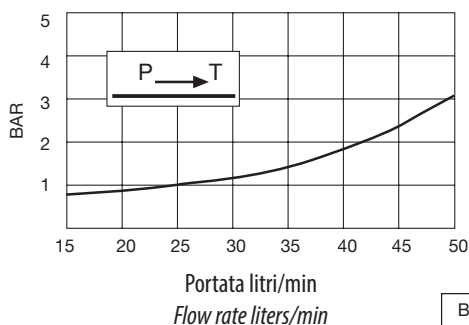
Electric drive 12 - 24Vdc (direct)

N.B. The electromagnet application requires a special machining of the body.

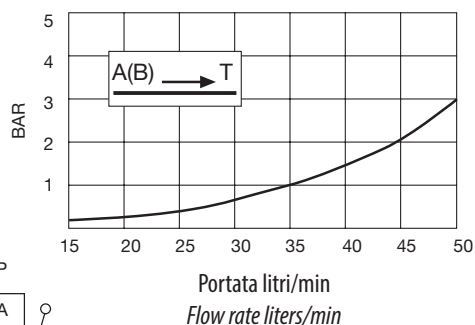
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**VERSIONE MANUALE**  
**MANUAL VERSION**

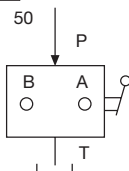
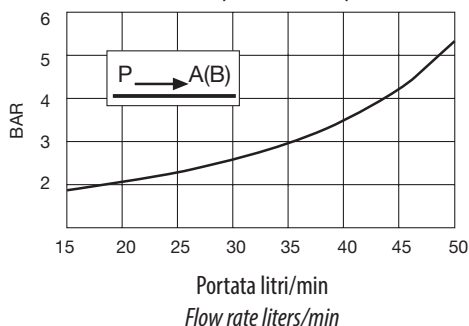
Caduta di pressione entrata - uscita  
*Pressure drop inlet-outlet*



Caduta di pressione utilizzi - uscita  
*Pressure drop service ports-outlet*

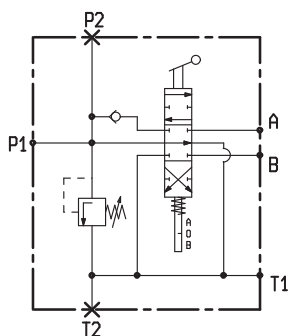


Caduta di pressione entrata - utilizzi  
*Pressure drop inlet - service ports*

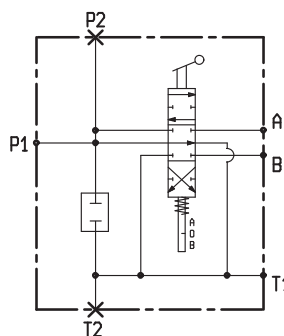


Prove effettuate con olio viscosità 4° e a 50°C  
*Tests performed with 4° e visc. Oil at 50°C*

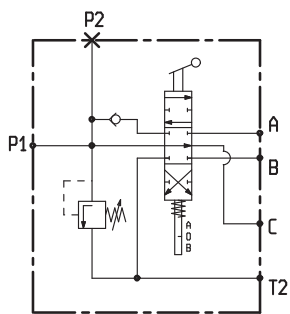
**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



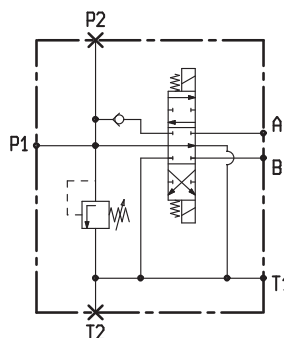
Versione standard  
*Standard version*



Versione senza valvole (Z29)  
*Version without valves (Z29)*



Versione standard con CARRY-OVER  
*Standard version with CARRY-OVER*



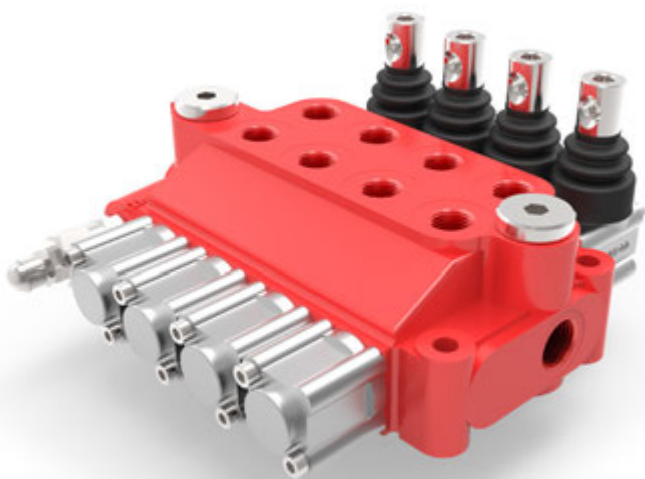
Versione standard elettrico  
*Standard electric version*



# DISTRIBUTORE MONOBLOCCO

## MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 250



**Versione standard: entrata DESTRA**  
Standard version: RIGHT-HAND inlet

**Trattamento antiruggine - a richiesta**  
Rust-preventive treatment - on request

**Costruito da 2 a 6 sezioni**  
Manufactured in 2 to 6 sections

**Portata nominale**  
Nominal flow rate.....45 l/min

**Pressione MAX di esercizio**  
MAX working pressure ..... 350 bar

**Contropressione MAX allo scarico**  
MAX return backpressure ..... 80 bar

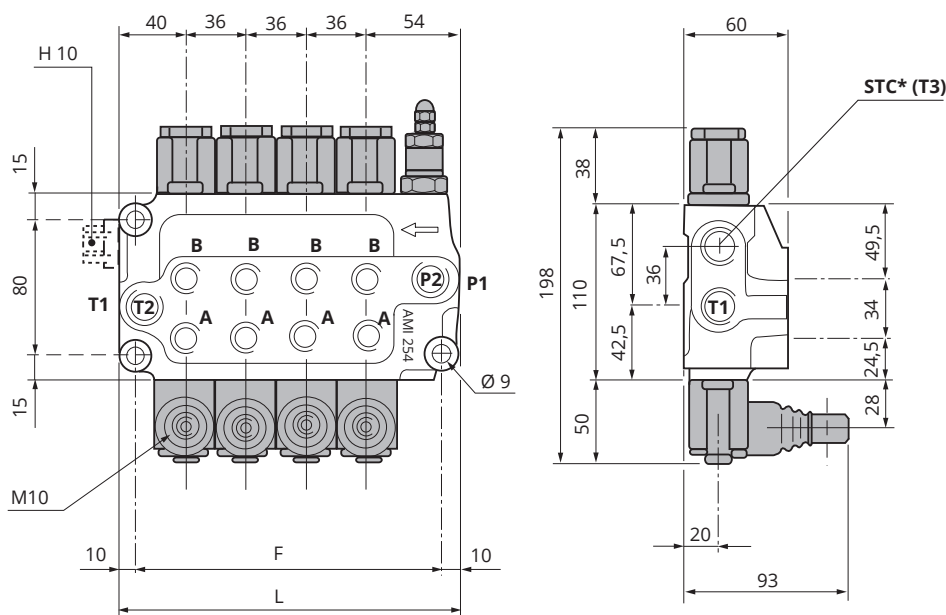
**Valvola di MAX PRESSIONE standard tarabile**  
Standard PRESSURE RELIEF valve, may be set ..... da 10 a 350 bar

**Valvola di ritegno unidirezionale in entrata / Single-acting check valve on inlet**  
Ricopriamento negativo del cursore / Negative spool overlapping

**Temperatura di esercizio**  
Working temperature ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST) ..... 18 ml/min

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 252 (a 2 sezioni / 2 sections)	130	110	5,000
AMI 253 (a 3 sezioni / 3 sections)	166	146	6,750
AMI 254 (a 4 sezioni / 4 sections)	202	182	8,500
AMI 255 (a 5 sezioni / 5 sections)	238	218	10,100
AMI 256 (a 6 sezioni / 6 sections)	274	254	12,150



STC=\* N.B.: Predisposizione per la continuazione della linea di pressione (CARRY - OVER) solo a richiesta

STC=\* N.B.: Presetting for CARRY - OVER only on request

### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND		
<b>P1 - P2</b>	1/2" BSP	1/2" - 14 NPT 3/8" - 18 NPT	3/8" BSP	18x1,5
<b>A - B</b>	3/8" BSP	1/2" - 14 NPT 3/8" - 18 NPT	1/2" BSP	18x1,5
<b>T1 - T2</b>	1/2" BSP	1/2" - 14 NPT 3/8" - 18 NPT	3/8" BSP	18x1,5
<b>STC (T3)</b>	1/2" BSP	1/2" BSP	1/2" BSP	1/2" BSP
PILOTAGGI/CONTROL PILOT PORTS				
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP			
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"			

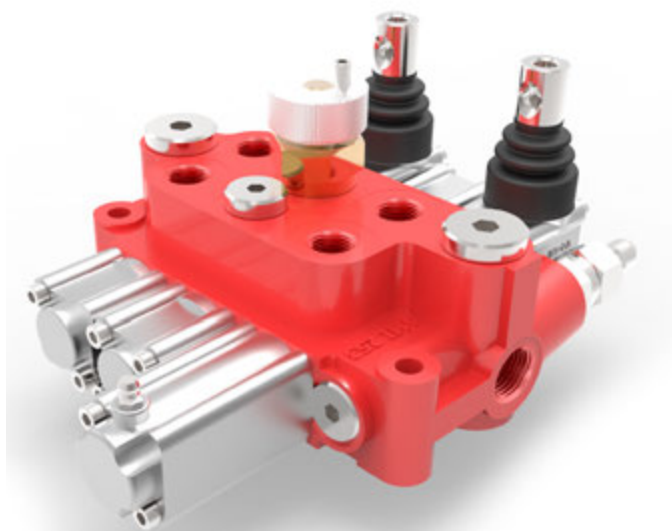
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## DISTRIBUTORE MONOBLOCCO (VERSIONE H72)

MONOBLOCK DIRECTIONAL CONTROL VALVE (H72 VERSION)

AMI 250



### Distributore in versione manuale

Manual control valve

### Portata nominale

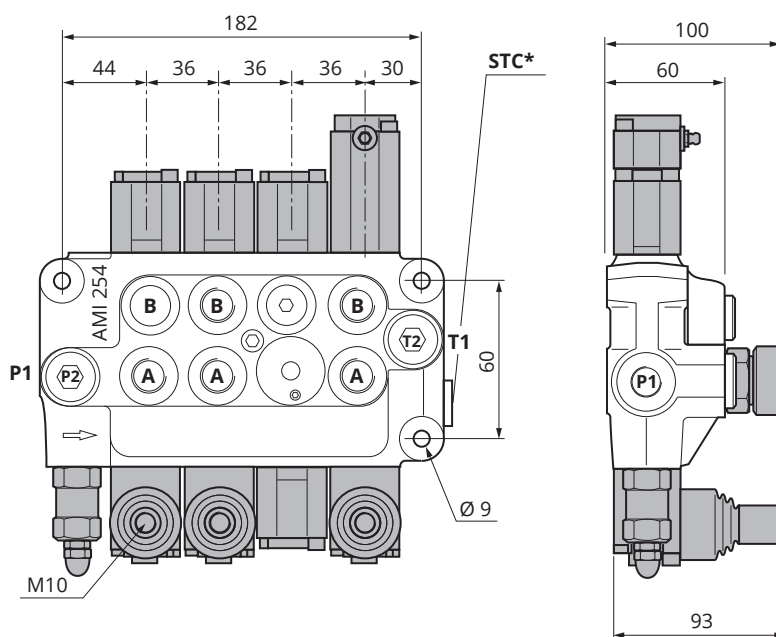
Nominal flow rate.....40 l/min

### Distributore in versione elettrica H70 - H71

H70-H71 electric control valve

### Portata nominale

Nominal flow rate.....35 l/min



\* N.B.: Predisposizione per la continuazione della linea di pressione (CARRY - OVER) solo a richiesta

\* N.B.: Presetting for CARRY - OVER only on request

### VERSIONE H72 - Versione con divisore di flusso a sottrazione

Disponibile su qualsiasi sezione. Indipendentemente dal carico, regola la portata delle sezioni a valle del divisore. La regolazione della portata avviene prelevando il flusso in eccesso e mandandolo a scarico tramite il divisore stesso.

N.B.: Per poter realizzare il divisore di flusso a sottrazione, il corpo distributore deve avere una sezione in più rispetto a quelle necessarie e deve essere lavorato in modo speciale.

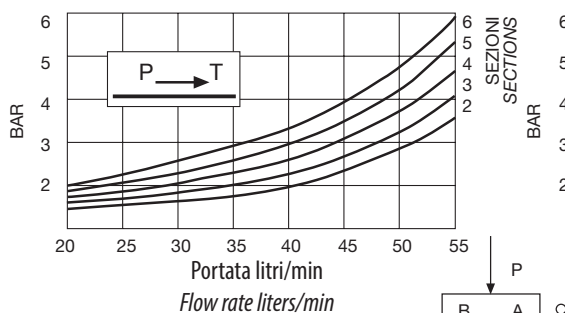
### VERSION WITH WITHDRAWAL FLOW REGULATOR

Available on every element. Independently of the load, it regulates the flow rate of the elements downstream of the regulator. The flow rate regulation is made by withdrawing the excess flow and returning it by means of the regulator.

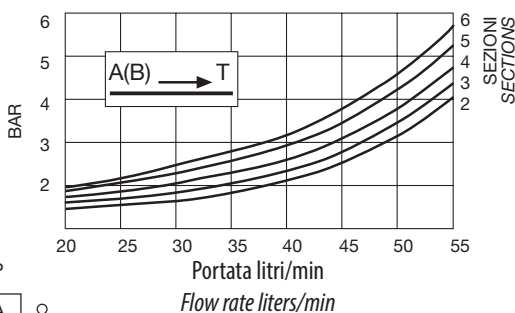
N.B. In order to manufacture the withdrawal flow regulator, the control valve body must have one more element in addition to the necessary ones and must be accordingly machined in a special way.

**VERSIONE MANUALE**  
**MANUAL VERSION**

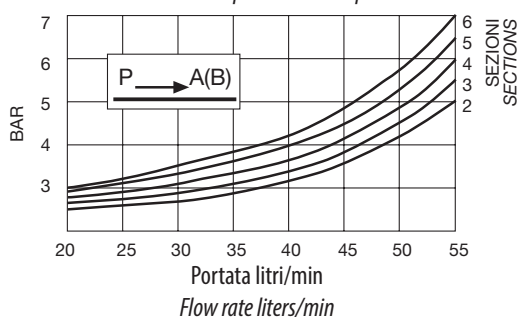
Caduta di pressione entrata - uscita  
*Pressure drop inlet-outlet*



Caduta di pressione utilizzi - uscita  
*Pressure drop service ports-outlet*

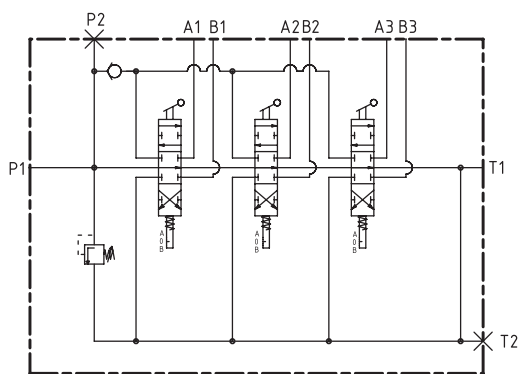


Caduta di pressione entrata - utilizzi  
*Pressure drop inlet - service ports*

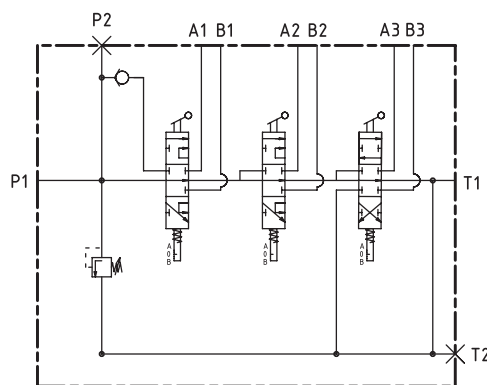


Prove effettuate con olio viscosità 4° e a 50°C  
*Tests performed with 4° e visc. Oil at 50°C*

**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**

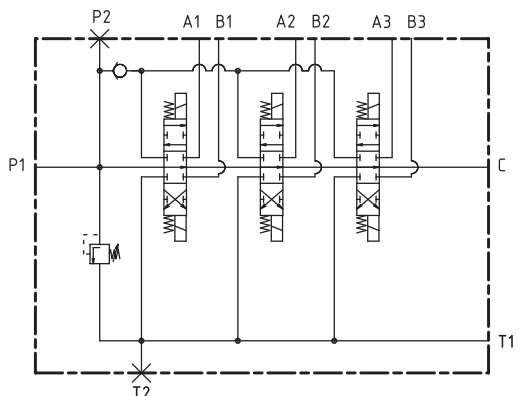


Versione standard distribuzione in parallelo  
*Standard parallel circuit version*

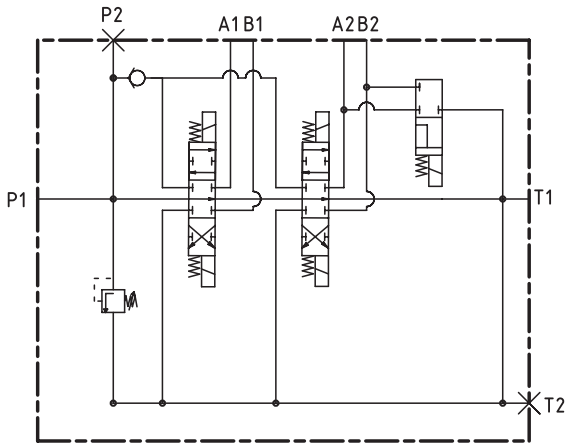


Versione standard distribuzione in serie (V1)  
*Standard series circuit version (V1)*

Il corpo distributore deve essere predisposto  
*Control valve body must be preset*

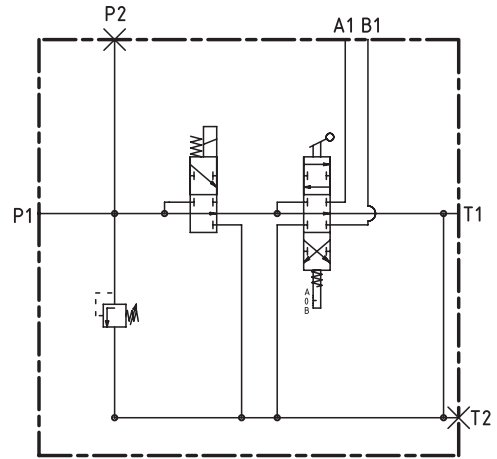


Versione standard elettrico distribuzione in parallelo con CARRY OVER (H10)  
*Standard electric parallel circuit version with CARRY-OVER (H10)*



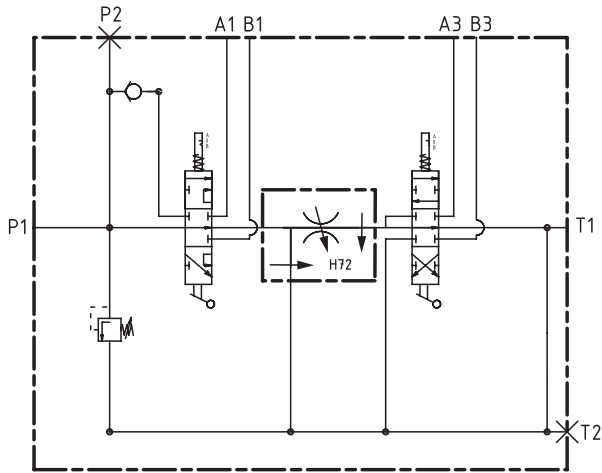
Versione V2 flottante elettrico  
*V2 electric floating version*

Il corpo distributore deve essere predisposto  
*Control valve body must be preset*



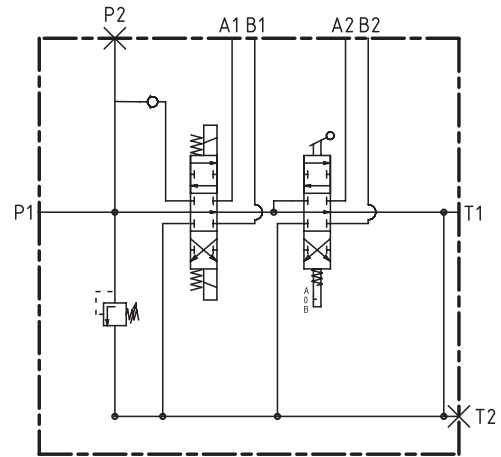
Versione V3 con bobina di messa a scarico dell'impianto 12Vcc o 24Vcc (V3 (12V); V3 (24V))  
*V3 version with system draining coil, 12Vdc or 24Vdc (V3 (12V); V3 (24V))*

Il corpo distributore deve essere predisposto  
*Control valve body must be preset*



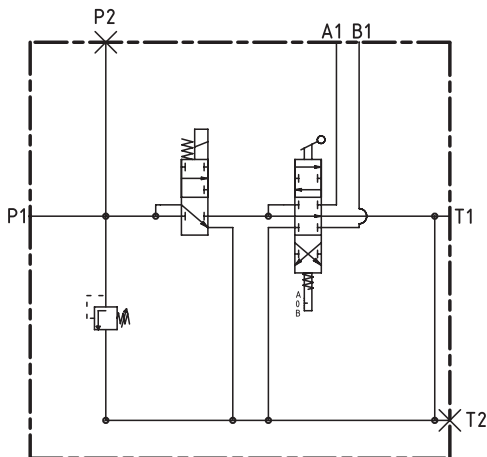
Versione con divisore di flusso a sottrazione (H72)  
*Version with withdrawal flow regulator (H72)*

Il corpo distributore deve essere predisposto  
*Control valve body must be preset*



Versione V5 elettrica: priorità 1 sez. ed interruzione alimentazione delle sezioni a valle 12Vcc o 24Vcc (V5 (12V); V5 (24V))  
*V5 electric version: 1 sect. priority and input cutout to downstream sections, 12Vdc or 24Vdc (V5 (12V); V5 (24V))*

Il corpo distributore deve essere predisposto  
*Control valve body must be preset*



Versione V6 con bobina di messa in pressione dell'impianto 12Vcc o 24Vcc (V6 (12V); V6 (24V))  
*V6 version with system pressurising coil, 12Vdc or 24Vdc (V6 (12V); V6 (24V))*

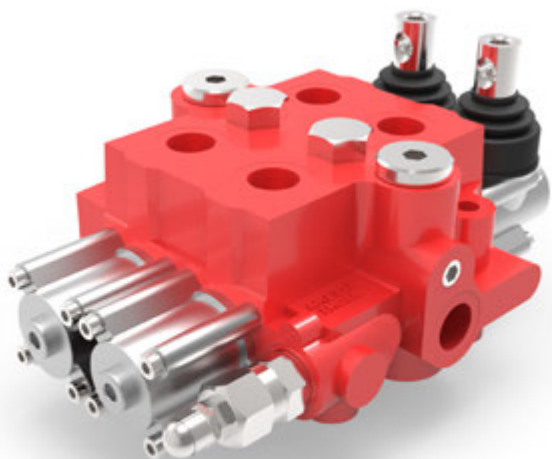
Il corpo distributore deve essere predisposto  
*Control valve body must be preset*

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# DISTRIBUTORE MONOBLOCCO

## MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 300



**Versione standard: entrata SINISTRA**  
Standard version: LEFT-HAND inlet

**Trattamento antiruggine - a richiesta**  
Rust-preventive treatment - on request

**Costruito da 1 a 6 sezioni**  
Manufactured in 1 to 6 sections

**Portata nominale**  
Nominal flow rate.....70 l/min

**Pressione MAX di esercizio**  
MAX working pressure ..... 350 bar

**Contropressione MAX allo scarico**  
MAX return backpressure ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
Standard PRESSURE RELIEF valve, may be set ..... da 10 a 350 bar

**Valvola di ritegno unidirezionale ogni sezione / Single-acting check valve for each section**  
**Ricoprimiento negativo del cursore / Negative spool overlapping**

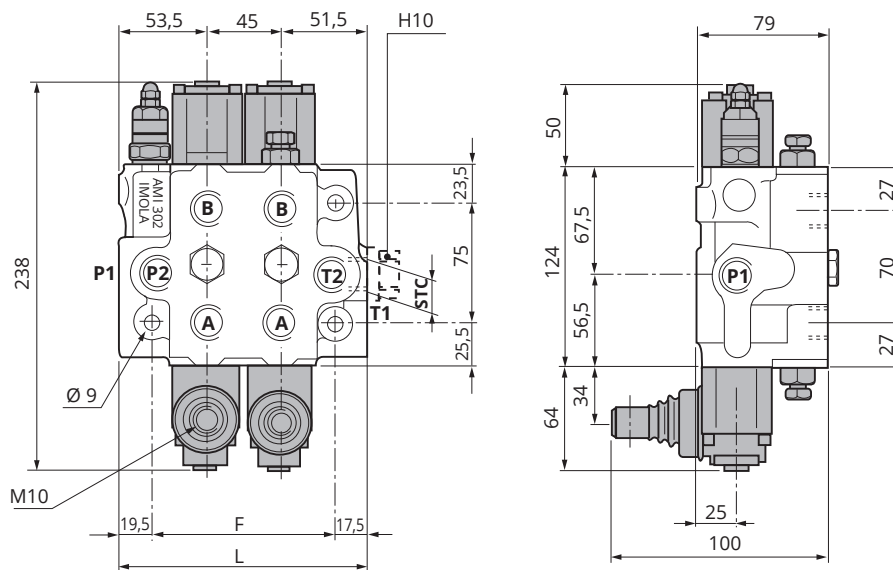
**Cursore reversibile per entrata destra o sinistra**  
Reversing spool for right-hand or left-hand inlet

**Predisposto per la continuazione della linea di pressione (STC)**  
STC: presetting for CARRY-OVER

**Temperatura di esercizio**  
Working temperature ..... min.-30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST) ..... 20 ml/min

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 301 (a 1 sezione / 1 section)	105	68	5,400
AMI 302 (a 2 sezioni / 2 sections)	150	113	8,700
AMI 303 (a 3 sezioni / 3 sections)	195	158	11,950
AMI 304 (a 4 sezioni / 4 sections)	240	203	15,350
AMI 305 (a 5 sezioni / 5 sections)	285	248	17,700
AMI 306 (a 6 sezioni / 6 sections)	330	293	20,050



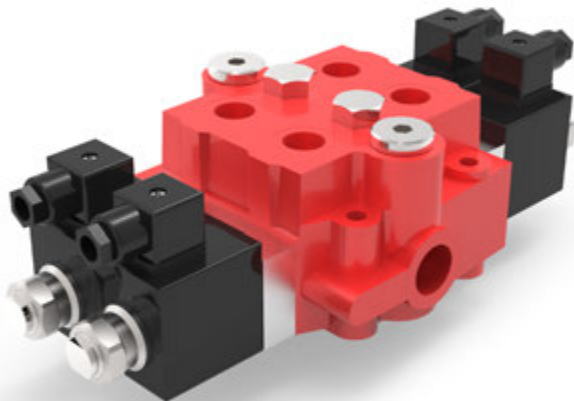
### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND		
P1	1/2" BSP	1/2"-14 NPT	18x1,5	P1 3/4" BSP
P2	1/2" BSP	1/2"-14 NPT	18x1,5	P2 3/4" BSP solo/only AMI 306
A - B	1/2" BSP	1/2"-14 NPT	18x1,5	A - B 3/4" BSP
T2	1/2" BSP	1/2"-14 NPT	22x1,5	T2 3/4" BSP
T1 - STC	3/4" BSP	3/4" BSP	3/4" BSP	T1 - STC 3/4" BSP
PILOTAGGI/CONTROL PILOT PORTS				
PNEUMATICI/PNEUMATICS	1/8" BSP			
IDRAULICI/HYDRAULICS	G 1/4"			

# DISTRIBUTORE MONOBLOCCO ELETTRICO

## ELECTRIC MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 300



**Costruito da 1 a 6 sezioni**  
*Manufactured in 1 to 6 sections*

**Portata nominale**  
*Nominal flow rate* ..... 50 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 220 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 10 - 15 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 10 a 350 bar

**Valvola di ritegno unidirezionale ogni sezione / Single-acting check valve for each section**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

**Cursore reversibile per entrata destra o sinistra**  
*Reversing spool for right-hand or left-hand inlet*

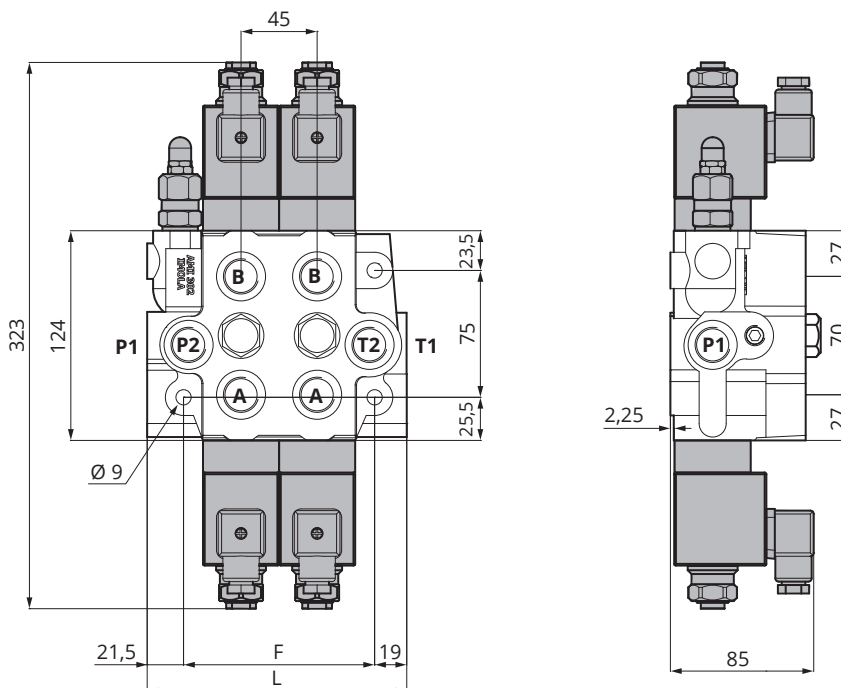
**Predisposto per la continuazione della linea di pressione (STC)**  
*STC: presetting for CARRY-OVER*

**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 30 - 35 ml/min

**Assorbimento / Absorption: per 12 Vcc (H70) / for 12 Vdc (H70) ..... 60 Watt, 5 Ampere**  
**per 24 Vcc (H71) / for 24 Vdc (H71) ..... 60 Watt, 2,5 Ampere**

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 301 (a 1 sezione / 1 section)	105	68	6,350
AMI 302 (a 2 sezioni / 2 sections)	150	113	10,400
AMI 303 (a 3 sezioni / 3 sections)	195	158	14,450
AMI 304 (a 4 sezioni / 4 sections)	240	203	18,900
AMI 305 (a 5 sezioni / 5 sections)	285	248	22,750
AMI 306 (a 6 sezioni / 6 sections)	330	293	27,200



### VERSIONE H70 - H71

**Dispositivo per azionamento elettrico (diretto) a 12 ÷ 24Vcc**

**N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo.**

### VERSION H70-H71

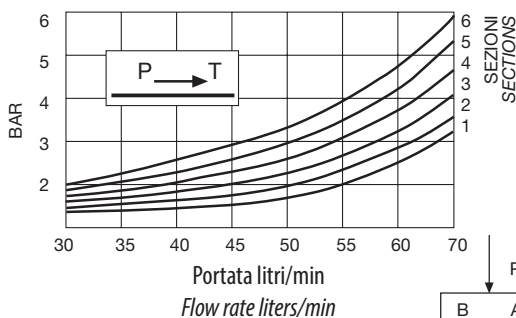
**Electric drive 12 - 24Vdc (direct)**

**N.B. The electromagnet application requires a special machining of the body.**

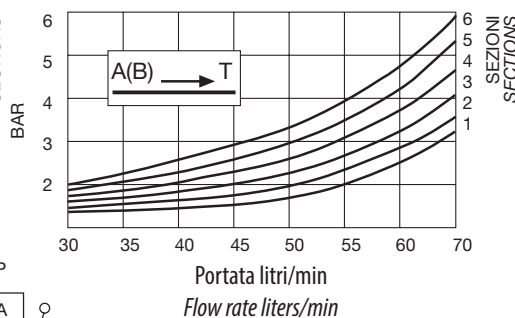
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**VERSIONE MANUALE**  
**MANUAL VERSION**

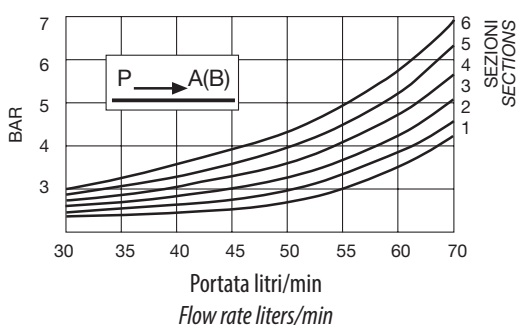
Caduta di pressione entrata - uscita  
*Pressure drop inlet-outlet*



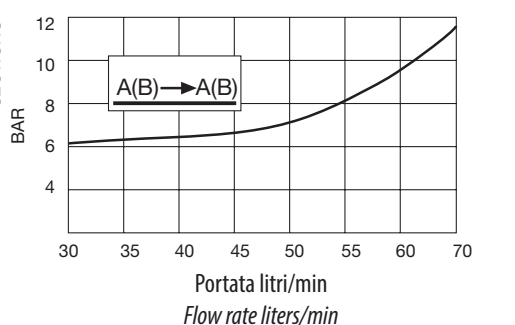
Caduta di pressione utilizzi - uscita  
*Pressure drop ports-outlet*



Caduta di pressione entrata - utilizzi  
*Pressure drop inlet-ports*

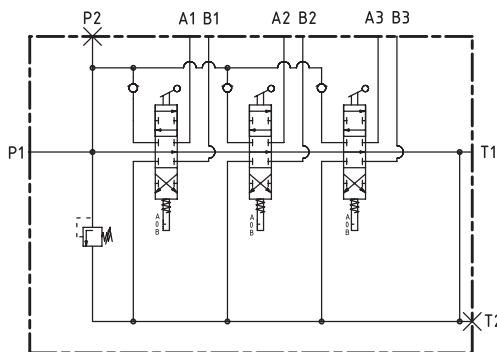


Cursore in serie in pos. comando: flusso da A-B di una sez. ad A-B della sez. serie  
*Spool in series in control pos. flow from A-B of one sec. to A-B of the series sec*

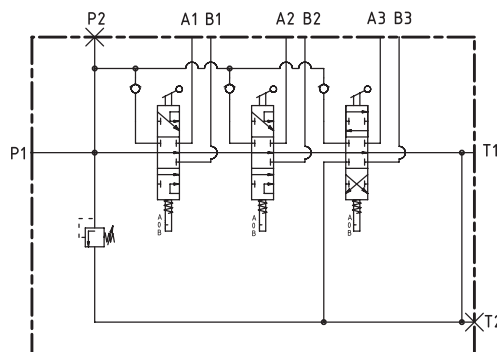


Prove effettuate con olio viscosità 4° e a 50°C  
*Tests performed with 4° visc. Oil at 50°C*

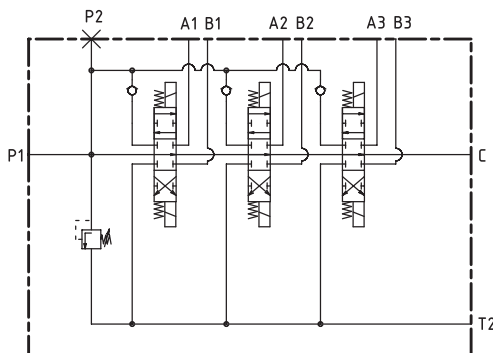
**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



Versione standard distribuzione in parallelo  
*Standard parallel circuit version*



Versione standard distribuzione in serie  
*Standard series circuit version*



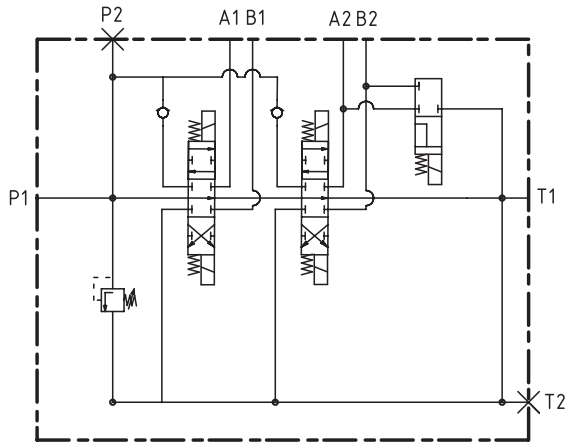
Versione standard elettrico distribuzione in parallelo con CARRY-OVER  
*Standard electric parallel circuit version with CARRY-OVER*



# DISTRIBUTORE MONOBLOCCO

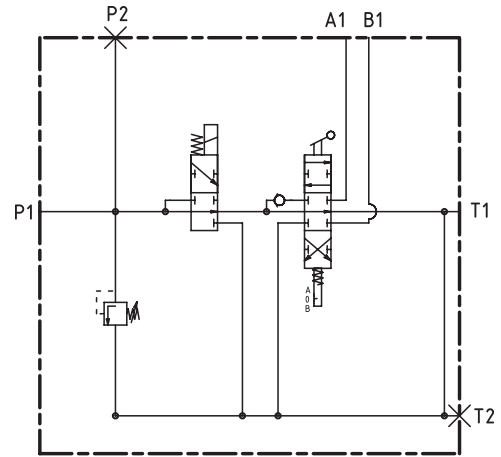
## MONOBLOCK DIRECTIONAL CONTROL VALVE

**AMI 300**



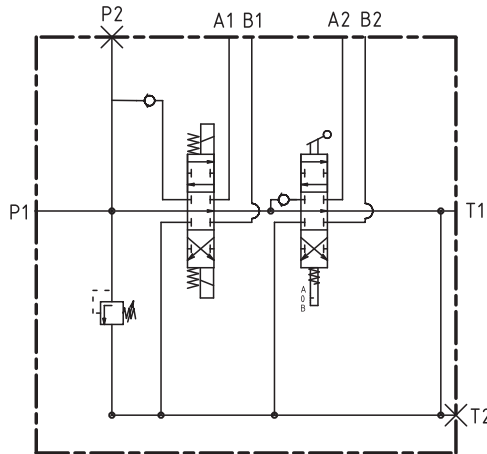
Versione V2 flottante elettrico  
V2 electric floating version (V2)

Il corpo distributore deve essere predisposto  
Control valve body must be preset



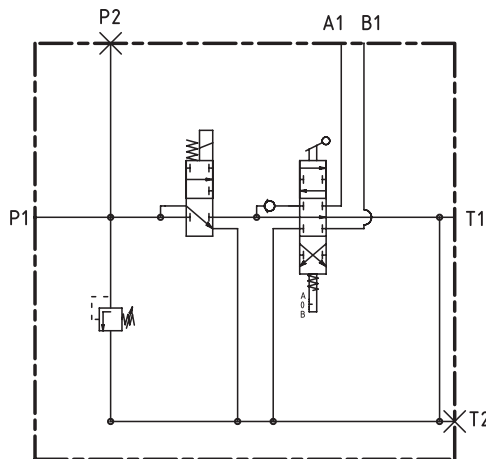
Versione V3 con bobina di messa a scarico dell'impianto 12Vcc o 24Vcc (V3 (12V); V3 (24V))  
V3 version with system draining coil, 12Vdc or 24Vdc (V3 (12V); V3 (24V))

Il corpo distributore deve essere predisposto  
Control valve body must be preset



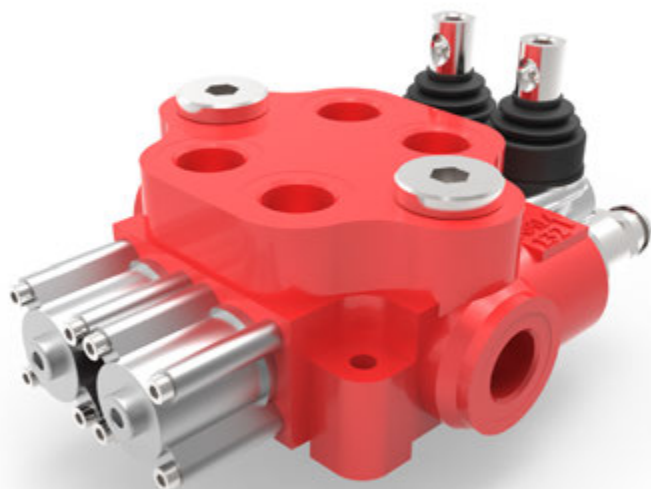
Il corpo distributore deve essere predisposto  
Control valve body must be preset

Versione elettrica V5: priorità 1 sez. ed interruzione alimentazione delle sezioni a valle 12Vcc o 24Vcc (V5 (12V); V5 (24V))  
V5 electric version: 1 sect. priority and input cutout to downstream sections, 12Vdc or 24Vdc (V5 (12V); V5 (24V))



Il corpo distributore deve essere predisposto  
Control valve body must be preset

Versione V6 con bobina di messa in pressione dell'impianto 12Vcc o 24Vcc (V6 (12V); V6 (24V))  
V6 version with system pressurising coil, 12Vdc or 24Vdc (V6 (12V); V6 (24V))



**Versione standard: entrata SINISTRA**  
Standard version: LEFT-HAND inlet

**Trattamento antiruggine - a richiesta**  
Rust-preventive treatment - on request

**Costruito da 1 a 2 sezioni**  
Manufactured in 1 to 2 sections

**Portata nominale con filettature ABP1P2T2 = 3/4"; T1=1"**  
Nominal flow rate with ABP1P2T2 = 3/4"; T1=1" threads.....80 - 90 l/min

**Portata nominale con filettature 1"**  
Nominal flow rate with 1" threads..... 130 l/min

**Pressione MAX di esercizio AMI 131 (3/4")**  
MAX working pressure AMI 131 (3/4") ..... 300 bar

**Pressione MAX di esercizio AMI 131 (1") - AMI 132 (3/4") - AMI 132 (1")**  
MAX working pressure AMI 131 (1") - AMI 132 (3/4") - AMI 132 (1")..... 250 bar

**Contropressione MAX allo scarico**  
MAX return backpressure ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
Standard PRESSURE RELIEF valve, may be set ..... da 10 a 300 bar

**Cursores reversibile per entrata destra o sinistra**  
Reversing spool for right-hand or left-hand inlet

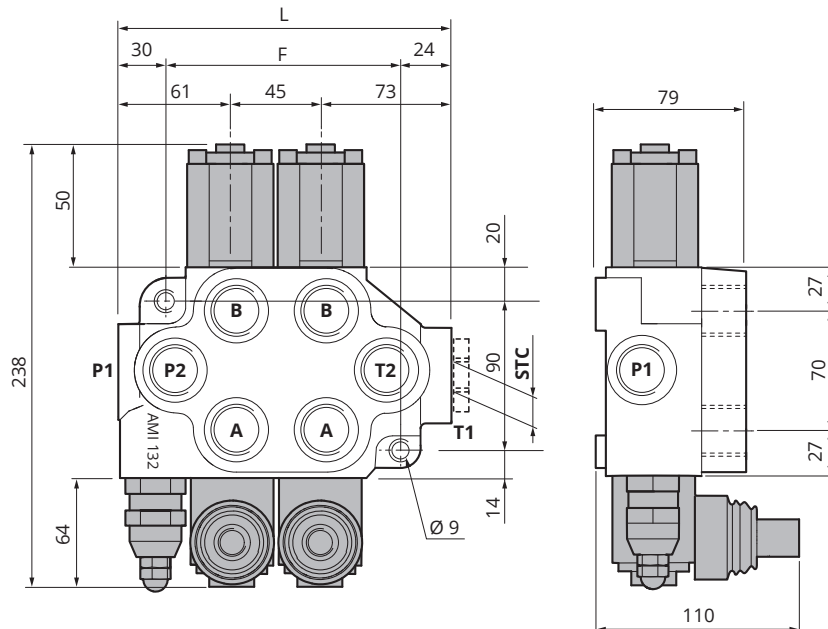
**Ricoprimento positivo del cursore / Positive spool overlapping**

**Predisposto per la continuazione della linea di pressione (STC)**  
STC: presetting for CARRY-OVER

**Temperatura di esercizio**  
Working temperature ..... min.-30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST) ..... 20 ml/min

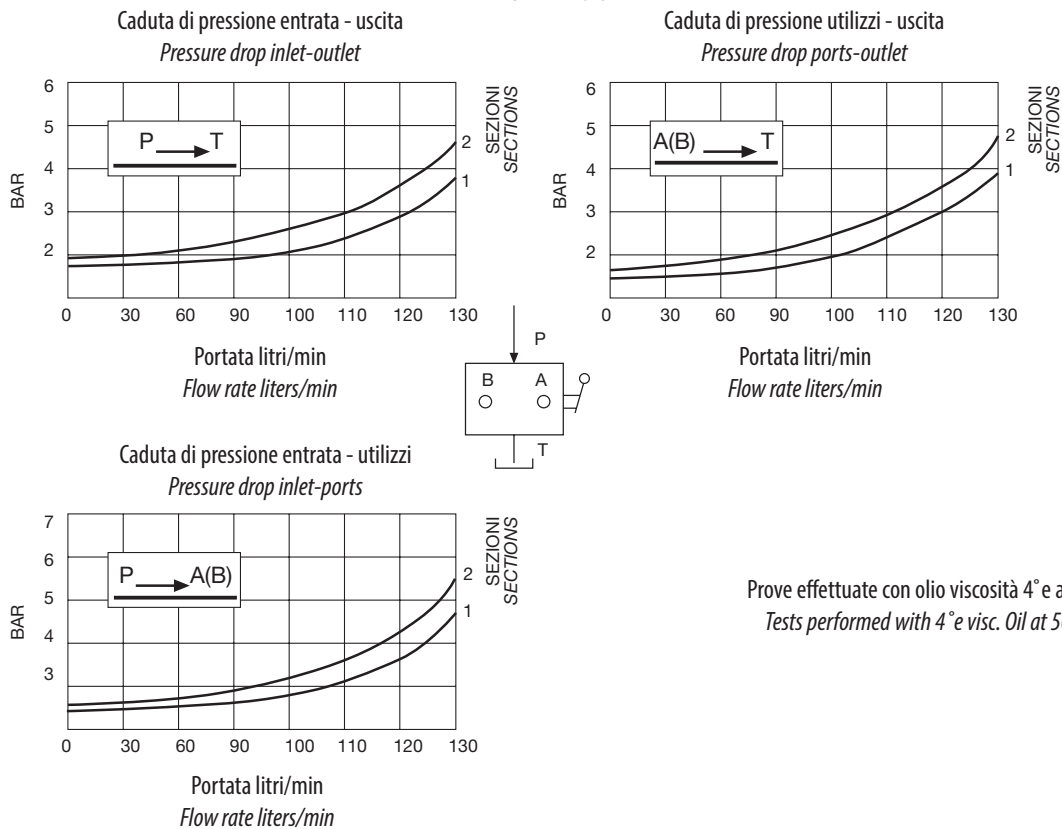
MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)	
			3/4"	1"
AMI 131 (a 1 sezione / 1 section)	134	80	6,050	6,200
AMI 132 (a 2 sezioni / 2 sections)	179	125	9,000	9,200



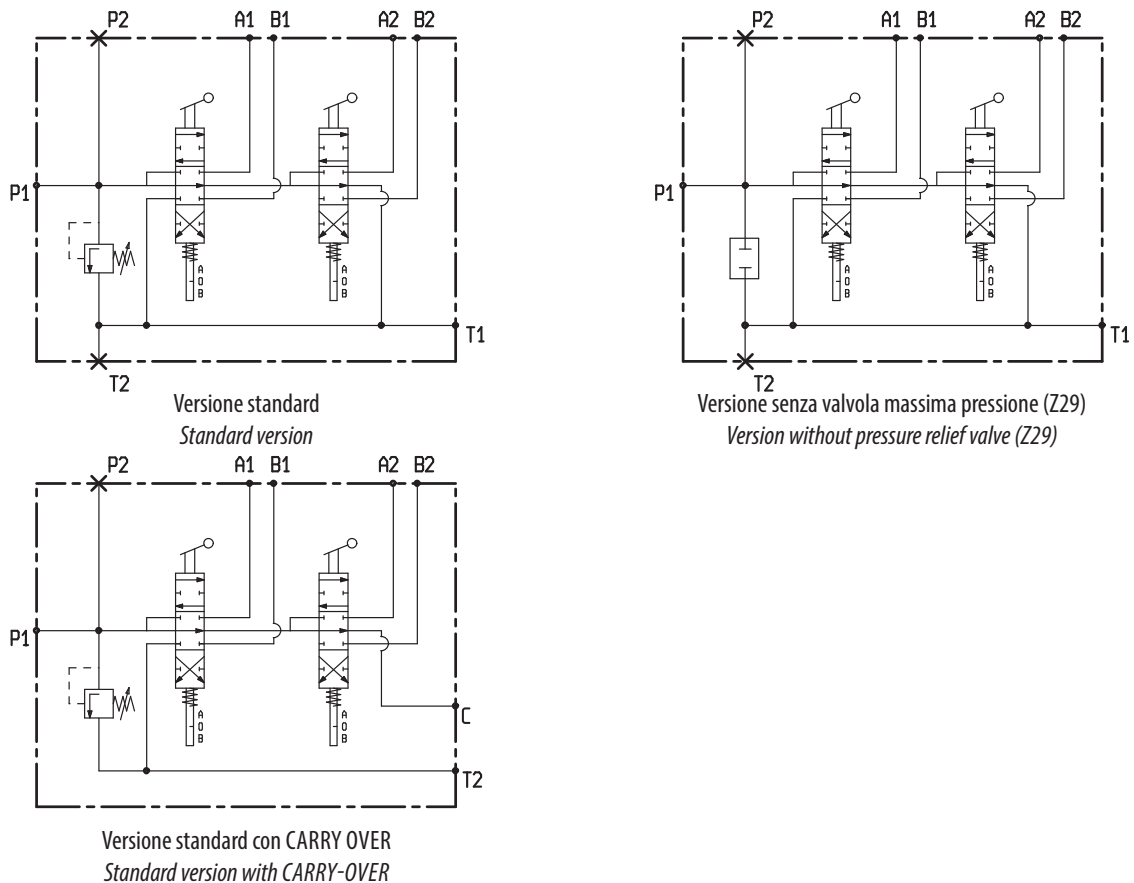
**FILETTATURE DISPONIBILI / AVAILABLE THREADS**

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND
<b>P1 - P2 - A - B - T1 - T2</b>	<b>1" BSP</b>	<b>1" NPT</b>
<b>P1 - P2 - A - B - T2</b>	<b>3/4" BSP</b>	<b>3/4" NPT</b>
<b>T1 - STC</b>	<b>1" BSP</b>	<b>1" BSP</b>
PILOTAGGI/CONTROL PILOT PORTS		
<b>PNEUMATICI/PNEUMATICS</b>	<b>1/8" BSP</b>	
<b>IDRAULICI/HYDRAULICS</b>	<b>G 1/4"</b>	

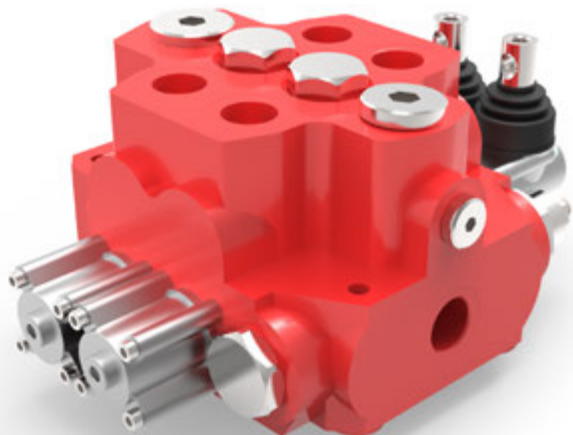
**VERSIONE MANUALE**  
**MANUAL VERSION**



**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



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**Versione standard: entrata SINISTRA**  
*Standard version: LEFT-HAND inlet*

**Trattamento antiruggine - a richiesta**  
*Rust-preventive treatment - on request*

**Costruito da 1 a 5 sezioni**  
*Manufactured in 1 to 5 sections*

**Portata nominale**  
*Nominal flow rate* ..... 120 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 220 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 50 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 10 a 220 bar

**Valvola di ritegno unidirezionale ogni sezione / Single-acting check valve for each section**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

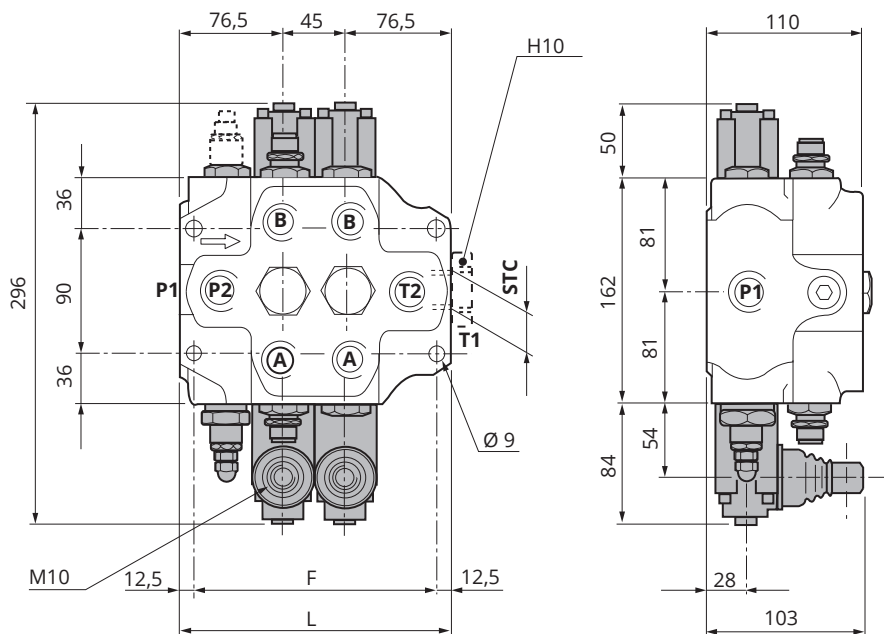
**Cursore reversibile per entrata destra o sinistra**  
*Reversing spool for right-hand or left-hand inlet*

**Predisposto per la continuazione della linea di pressione (STC)**  
*STC: presetting for CARRY-OVER*

**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 21 ml/min

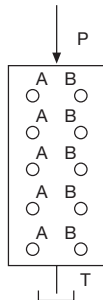
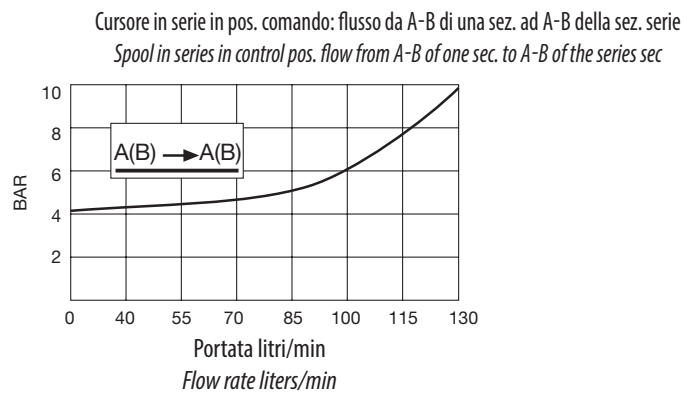
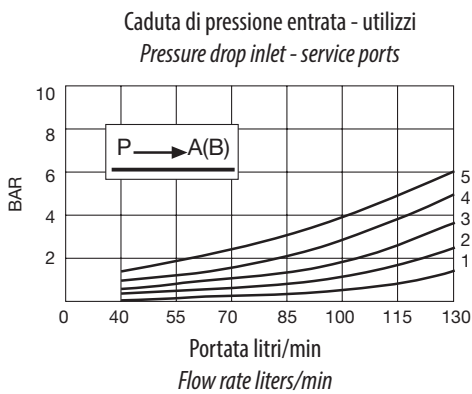
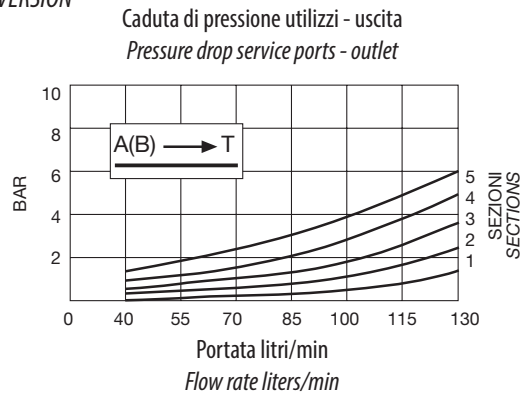
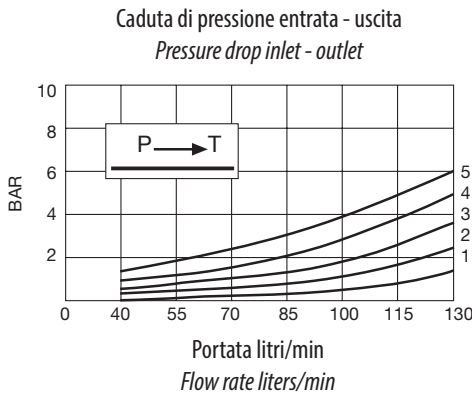
MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 701 (a 1 sezione / 1 section)	153	128	11,900
AMI 702 (a 2 sezioni / 2 sections)	198	173	16,400
AMI 703 (a 3 sezioni / 3 sections)	243	218	20,900
AMI 704 (a 4 sezioni / 4 sections)	288	263	25,400
AMI 705 (a 5 sezioni / 5 sections)	333	308	29,900



**FILETTATURE DISPONIBILI / AVAILABLE THREADS**

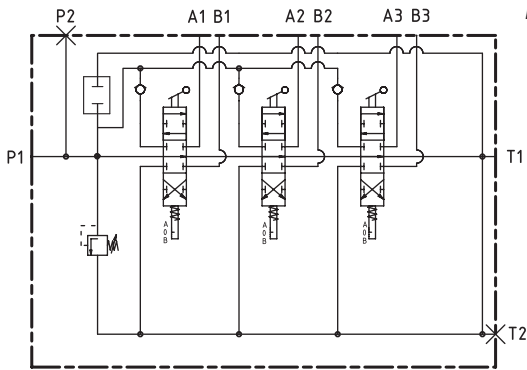
UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND
<b>P1 - P2</b>	3/4" BSP	1" BSP
<b>A - B</b>	3/4" BSP	1" BSP
<b>T2</b>	1" BSP	1" BSP
<b>T1 - STC</b>	1" BSP	1" BSP
<b>PILOTAGGI/CONTROL PILOT PORTS</b>		
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP	
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"	

**VERSIONE MANUALE**  
**MANUAL VERSION**

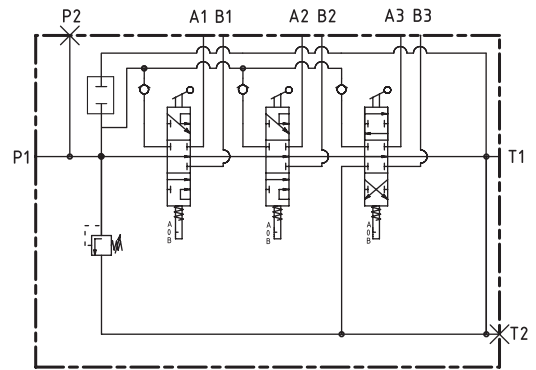


Prove effettuate con olio viscosità 4° e a 50°C  
*Tests performed with 4° visc. Oil at 50°C*

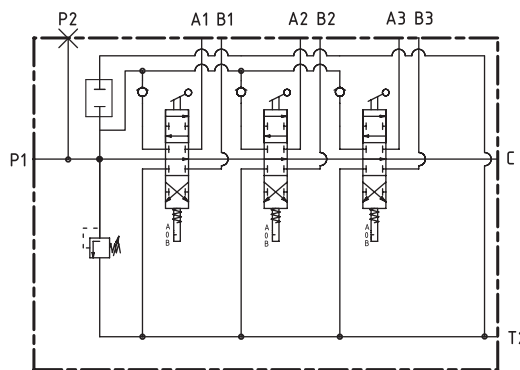
**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



Versione standard distribuzione in parallelo  
*Standard parallel circuit version*



Versione standard distribuzione in serie  
*Standard series circuit version*



Versione standard distribuzione in parallelo con CARRY OVER  
*Standard parallel circuit version with CARRY-OVER*

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# DISTRIBUTORE MONOBLOCCO

## MONOBLOCK DIRECTIONAL CONTROL VALVE

# AMI 012MDS/LS



**Trattamento antiruggine - a richiesta**  
Rust-preventive treatment - on request

### Costruito a 2 sezioni con circuito LOAD-SENSING

Manufactured in 2 sections with LOAD-SENSING circuit

### Portata nominale

Nominal flow rate ..... 80 l/min

### Pressione MAX di esercizio

MAX working pressure ..... 250 bar

### Contropressione MAX allo scarico

MAX return backpressure ..... 10 bar

**Valvola di ritegno unidirezionale ogni sezione / Single-acting check valve for each section**

### Temperatura di esercizio

Working temperature ..... min. -30°C ÷ max. 80°C

### Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)

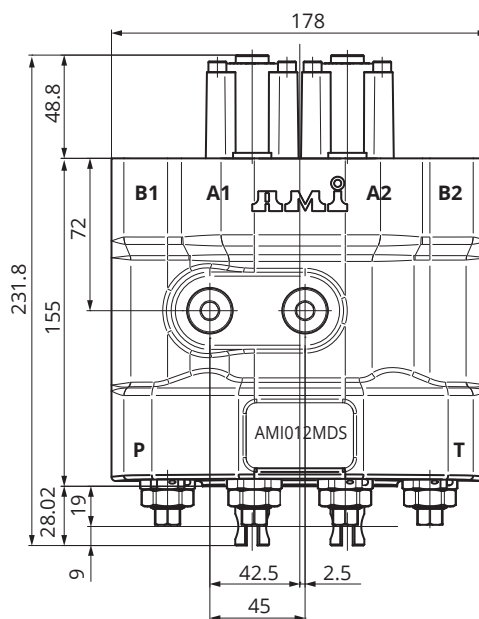
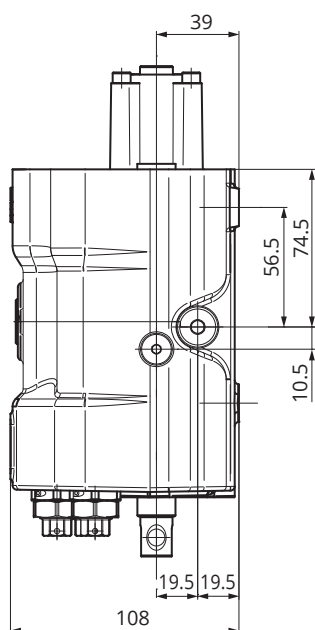
MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST) ..... 3 ml/min

### Peso

Weight ..... 15,300 kg

### DISTRIBUTORE MONOBLOCCO A 2 SEZIONI ADATTO PER IMPIANTI IDRAULICI CON POMPA A CILINDRATA VARIABILE CON COMPENSATORE LOAD-SENSING APPLICAZIONI: PALE E CARICATORI FRONTALI

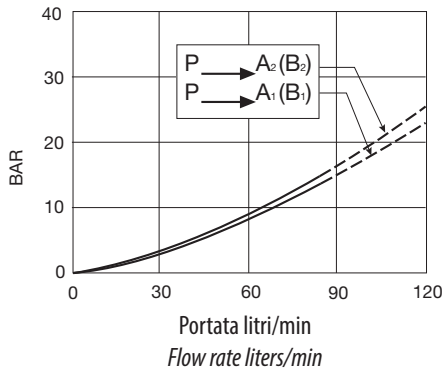
2-SECTION MONOBLOCK DIRECTIONAL CONTROL VALVE SUITABLE FOR HYDRAULIC SYSTEMS WITH VARIABLE DISPLACEMENT PUMPS WITH LOAD-SENSING COMPENSATOR  
APPLICATIONS: FRONT-END LOADERS



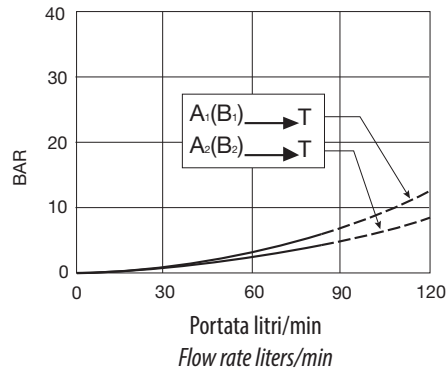
### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD
<b>P</b>	<b>3/4" BSP</b>
<b>A1 - A2 - B1 - B2</b>	<b>1/2" BSP</b>
<b>T</b>	<b>3/4" BSP</b>
PILOTAGGI/CONTROL PILOT PORTS	
<b>PNEUMATICI/PNEUMATICS</b>	<b>1/8" BSP</b>
<b>IDRAULICI/HYDRAULICS</b>	<b>G 1/4"</b>

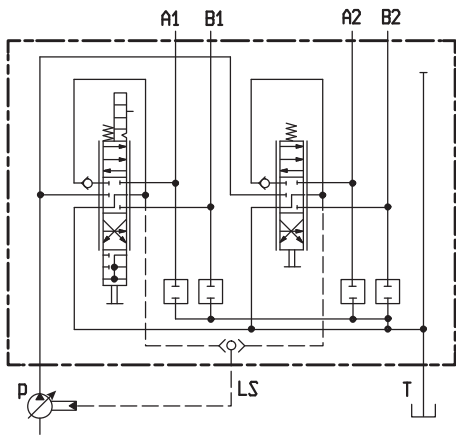
Caduta di pressione entrata - utilizzi  
*Pressure drop inlet - service ports*



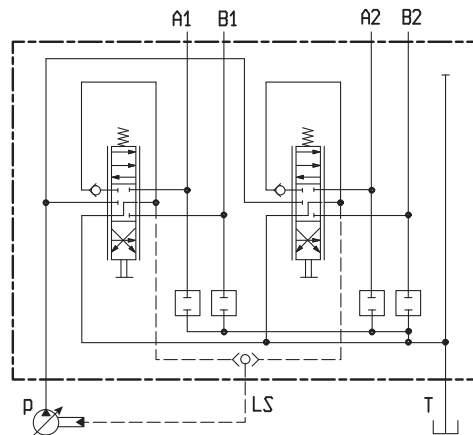
Caduta di pressione utilizzi - uscita  
*Pressure drop service ports - outlet*



**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



Versione con circuito LS e sezione flottante  
*Version with LS circuit and floating section*

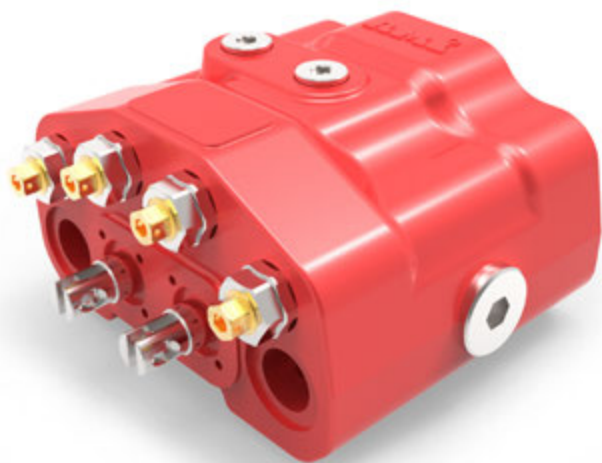


Versione standard con circuito LS  
*Standard version with LS circuit*

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**DISTRIBUTORE MONOBLOCCO**  
**MONOBLOCK DIRECTIONAL CONTROL VALVE**

**AMI 013MDS/P**



**Trattamento antiruggine - a richiesta**  
*Rust-preventive treatment - on request*

**Costruito da 2 sezioni con circuito in parallelo**

*Manufactured in 2 sections with circuit in parallel*

**Portata nominale**

*Nominal flow rate* ..... **80 l/min**

**Pressione MAX di esercizio**

*MAX working pressure* ..... **250 bar**

**Contropressione MAX allo scarico**

*MAX return backpressure* ..... **10 bar**

**Valvola di ritegno unidirezionale ogni sezione / Single-acting check valve for each section**

**Predisposto per la continuazione della linea di pressione (STC)**

*STC: presetting for CARRY-OVER*

**Temperatura di esercizio**

*Working temperature* ..... **min. -30°C ÷ max. 80°C**

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**

*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... **3 ml/min**

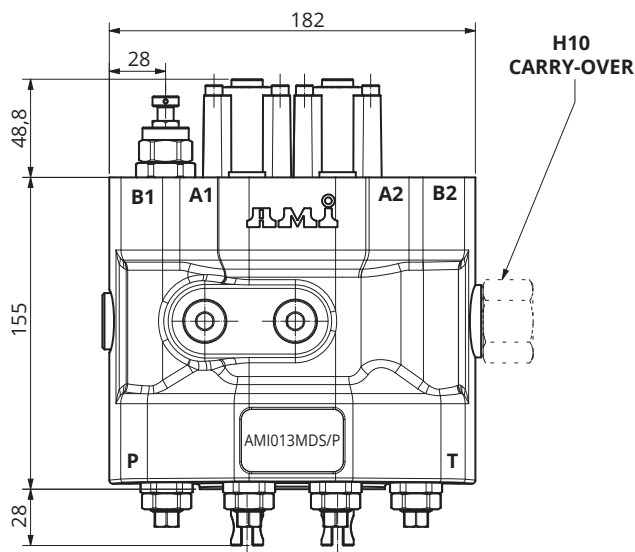
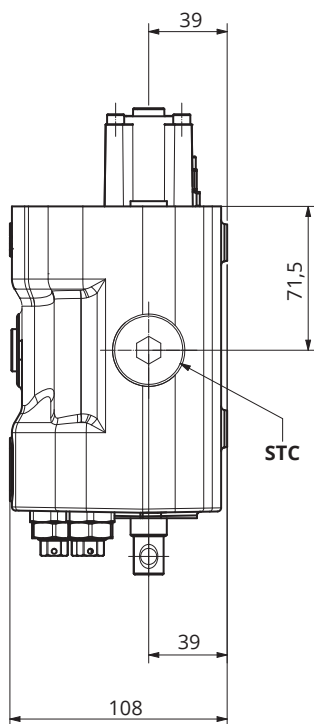
**Peso**

*Weight* ..... **15,300 kg**

**DISTRIBUTORE MONOBLOCCO A 2 SEZIONI ADATTO PER IMPIANTI IDRAULICI  
 CON POMPA A CILINDRATA FISSA (CIRCUITO A CENTRO APERTO)  
 APPLICAZIONI: PALE E CARICATORI FRONTALI**

*2-SECTION MONOBLOCK DIRECTIONAL CONTROL VALVE SUITABLE FOR HYDRAULIC SYSTEMS WITH  
 FIXED DISPLACEMENT PUMPS (OPEN CENTRE CIRCUIT)*

*APPLICATIONS: FRONT-END LOADERS*

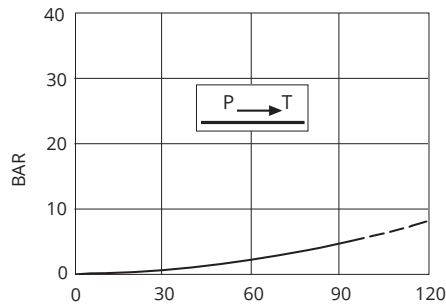


**FILETTATURE DISPONIBILI / AVAILABLE THREADS**

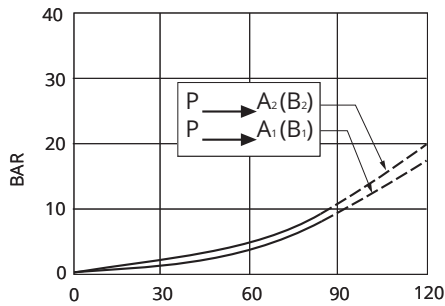
UTILIZZI/PORTS	STANDARD
<b>P</b>	<b>3/4" BSP</b>
<b>A - B</b>	<b>1/2" BSP</b>
<b>T - H10</b>	<b>3/4" BSP</b>
PILOTAGGI/CONTROL PILOT PORTS	
<b>PNEUMATICI/PNEUMATICS</b>	<b>1/8" BSP</b>
<b>IDRAULICI/HYDRAULICS</b>	<b>G 1/4"</b>



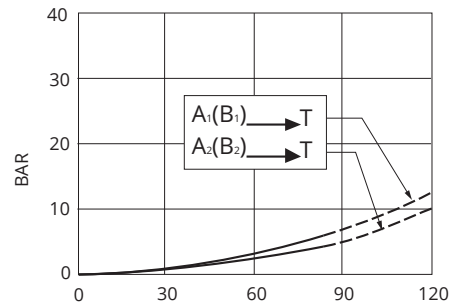
Caduta di pressione entrata - uscita  
*Pressure drop inlet - outlet*



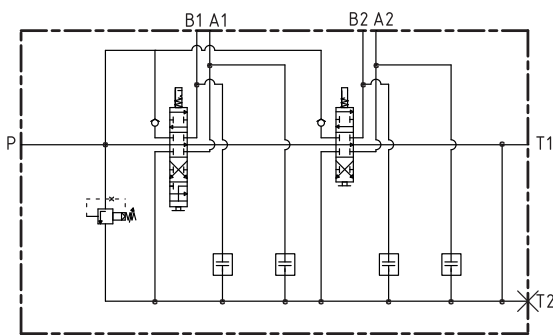
Caduta di pressione entrata - utilizzi  
*Pressure drop inlet - service ports*



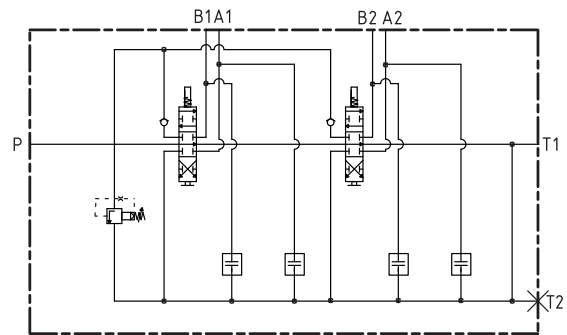
Caduta di pressione utilizzi - uscita  
*Pressure drop service ports - outlet*



**SCHEMA IDRAULICO**  
**HYDRAULIC SYSTEM DIAGRAM**



Versione con distribuzione in parallelo e sezione flottante  
*Version with parallel flow control and floating section*



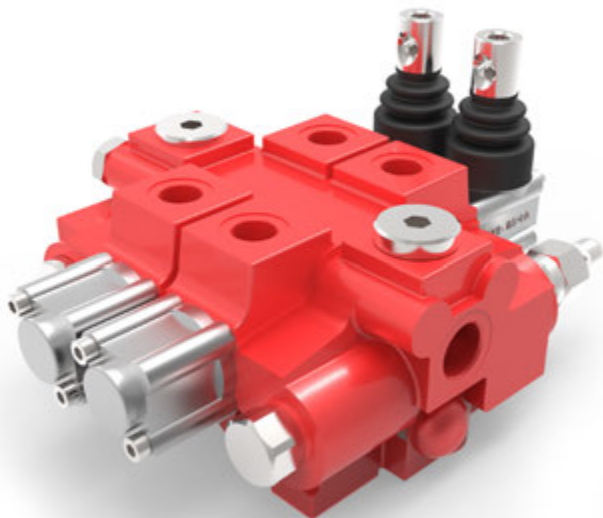
Versione standard distribuzione in parallelo  
*Standard parallel circuit version*

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# DISTRIBUTORE COMPONIBILE

## SECTIONAL CONTROL VALVE

# AMI 5C



**Costruito da 1 a 10 elementi**  
*Manufactured in 1 to 10 elements*

**Portata nominale**  
*Nominal flow rate* ..... 50 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 350 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 10 a 350 bar

**Valvola di ritegno unidirezionale in entrata / Single-acting check valve on inlet**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

**Cursore reversibile per entrata destra o sinistra**  
*Reversing spool for right-hand or left-hand inlet*

**Predisposto per la continuazione della linea di pressione (STC)**  
*STC: presetting for CARRY-OVER*

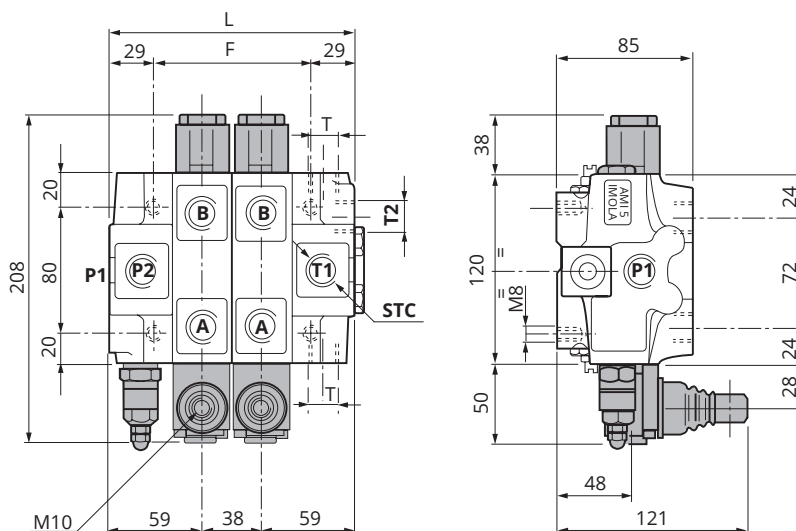
**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 20 ml/min

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 5C/1 (a 1 sezione / 1 section)	118	60	5,700
AMI 5C/2 (a 2 sezioni / 2 sections)	156	98	8,200
AMI 5C/3 (a 3 sezioni / 3 sections)	194	136	10,700
AMI 5C/4 (a 4 sezioni / 4 sections)	232	174	13,200
AMI 5C/5 (a 5 sezioni / 5 sections)	270	212	15,700
AMI 5C/6 (a 6 sezioni / 6 sections)	308	250	18,200
AMI 5C/7 (a 7 sezioni / 7 sections)	346	288	20,700
AMI 5C/8 (a 8 sezioni / 8 sections)	384	326	23,200
AMI 5C/9 (a 9 sezioni / 9 sections)	422	364	25,700
AMI 5C/10 (a 10 sezioni / 10 sections)	460	402	28,200

**Versione standard: entrata SINISTRA**  
*Standard version: LEFT-HAND inlet*

**Trattamento antiruggine - a richiesta**  
*Rust-preventive treatment - on request*

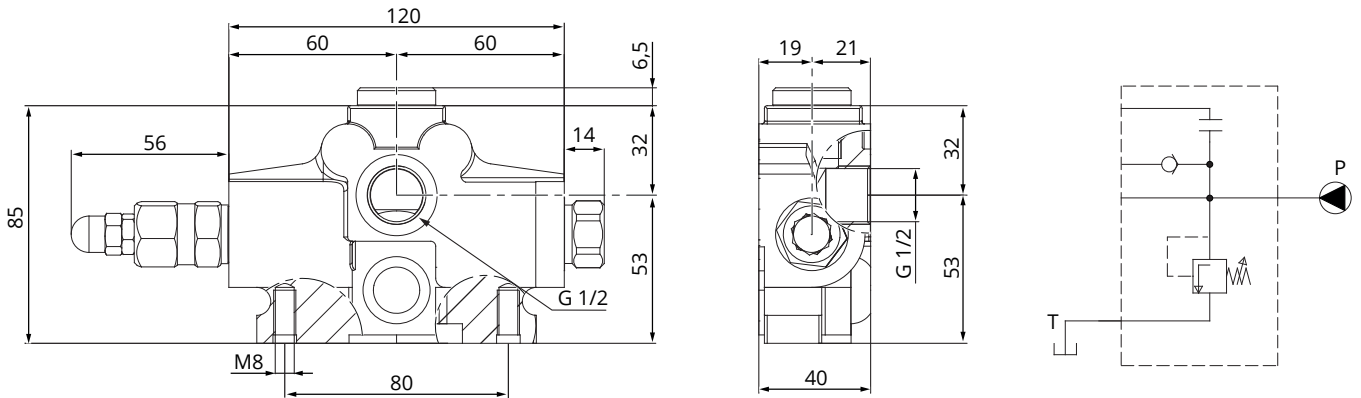


### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND		
<b>P1 - P2</b>	1/2" BSP	1/2" - 14 NPT	1/2" BSP	18x1,5
<b>A - B</b>	3/8" BSP	1/2" - 14 NPT	1/2" BSP	18x1,5
<b>T2</b>	1/2" BSP	1/2" - 14 NPT	1/2" BSP	22x1,5
<b>T1 - STC</b>	1/2" BSP	1/2" - 14 NPT	1/2" BSP	22x1,5
PILOTAGGI/CONTROL PILOT PORTS				
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP			
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"			

**P1D**

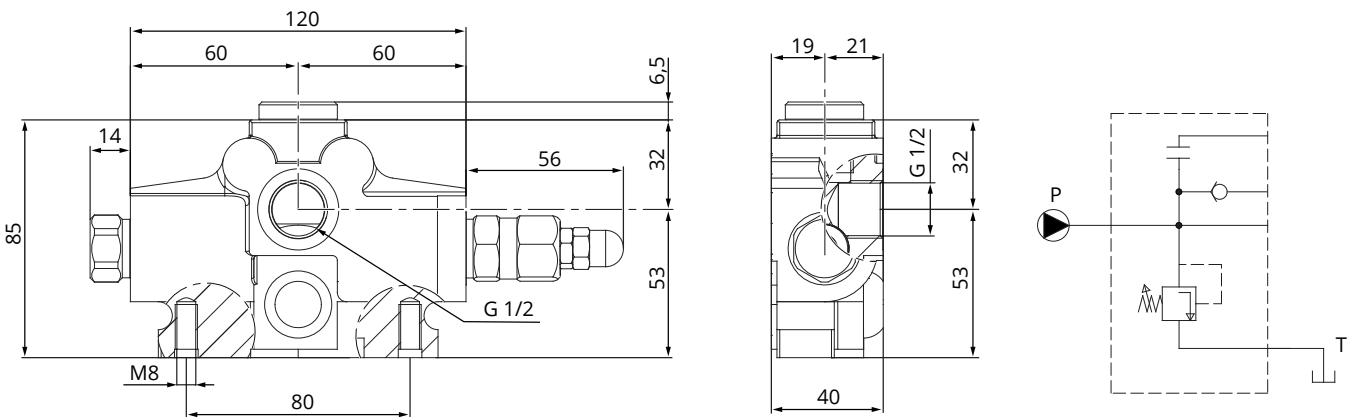
**Elemento di entrata destra con valvola di max pressione e valvola unidirezionale (Z26)**  
*Rh Inlet element with pressure relief valve and single-acting valve (Z26)*



\*

**P1S**

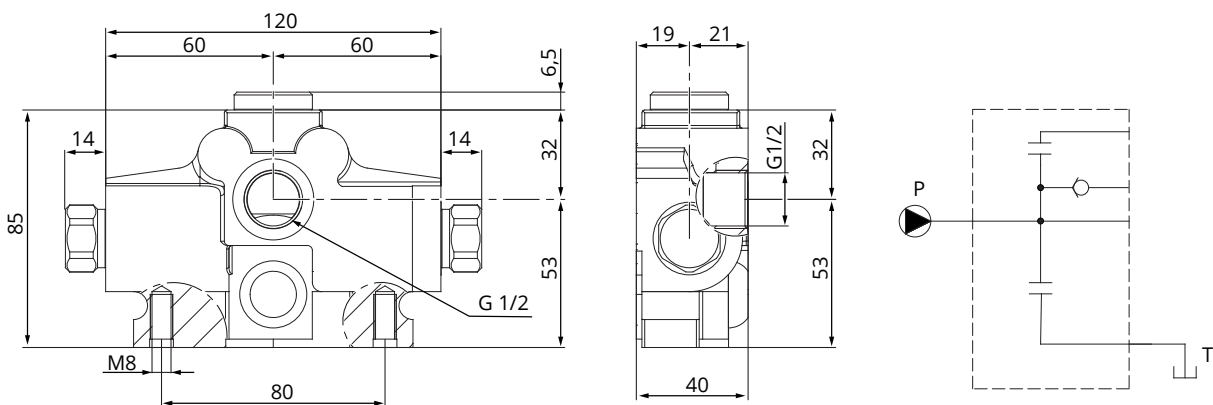
**Elemento di entrata sinistra con valvola di max pressione e valvola unidirezionale (Z26)**  
*Lh Inlet element with pressure relief valve and single-acting valve (Z26)*



\*

**P3S**

**Elemento di entrata sinistra con valvola unidirezionale (Z28) e tappi sostitutivi valvola**  
*Lh inlet element with single-acting valve (Z28) and valve replacing plugs*



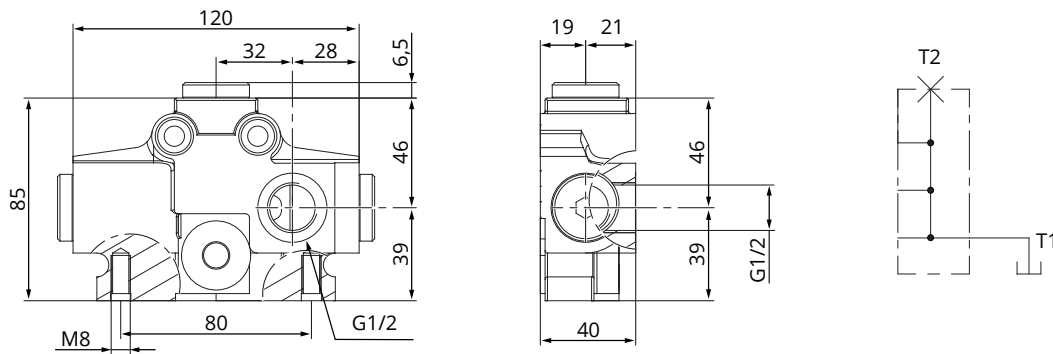
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\* Vedi altre opzioni per elemento di entrata a pag. B-1 / See other inlet element options on page B-1

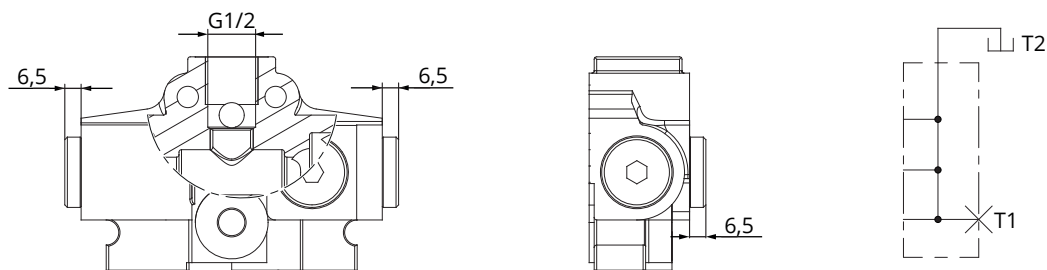
**3D**

**Scarico laterale**  
*Side outlet*



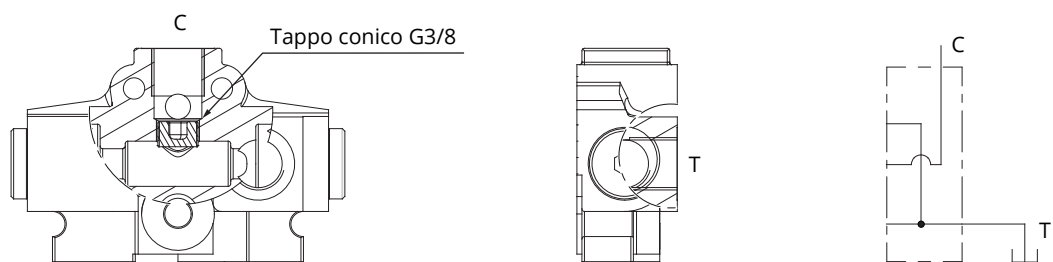
**3DS**

**Scarico superiore**  
*Upper outlet*



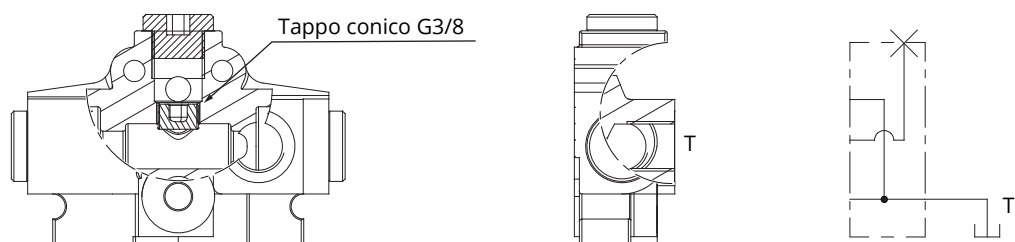
**3DC**

**Continuazione della linea di pressione**  
*Side outlet with upper carry-over*

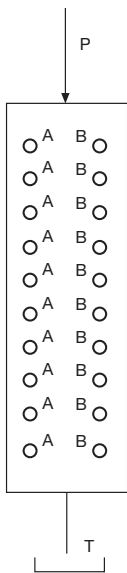
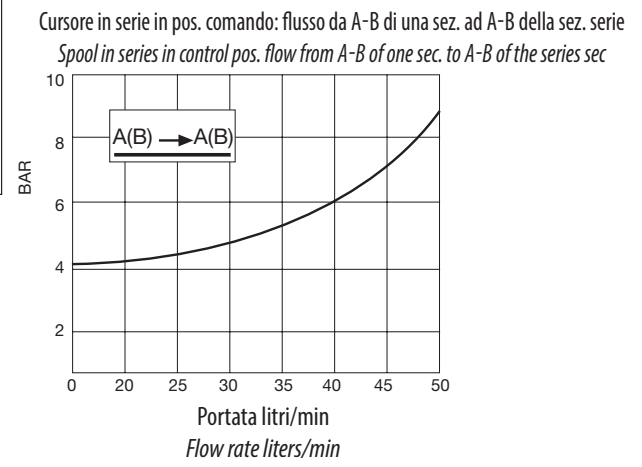
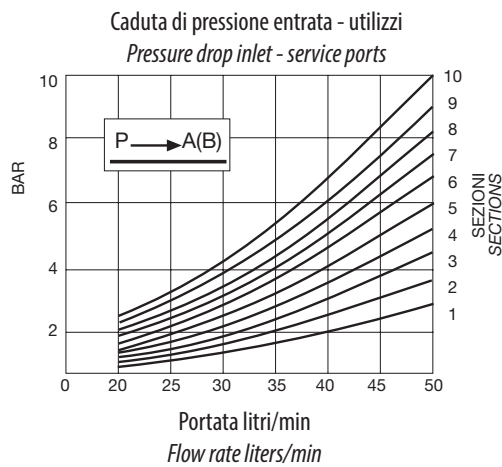
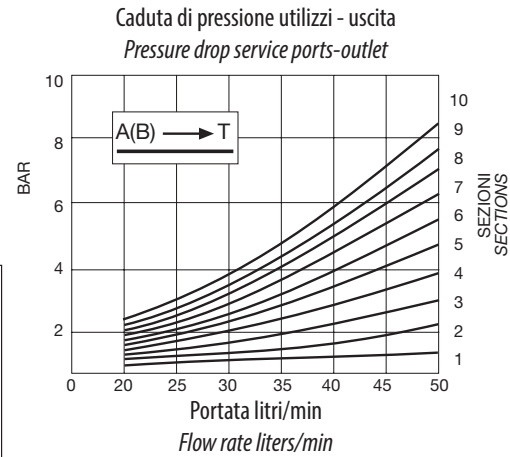
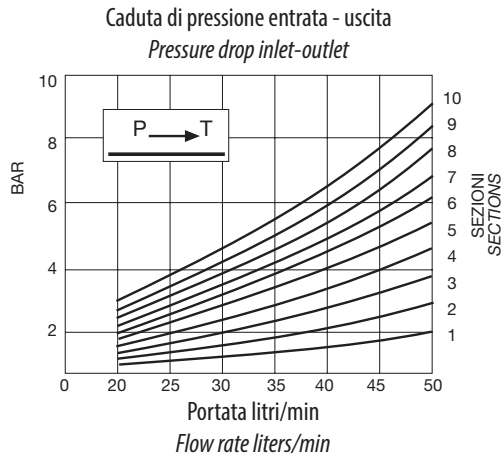


**3DCC**

**Centro chiuso**  
*Side outlet and closed centre*

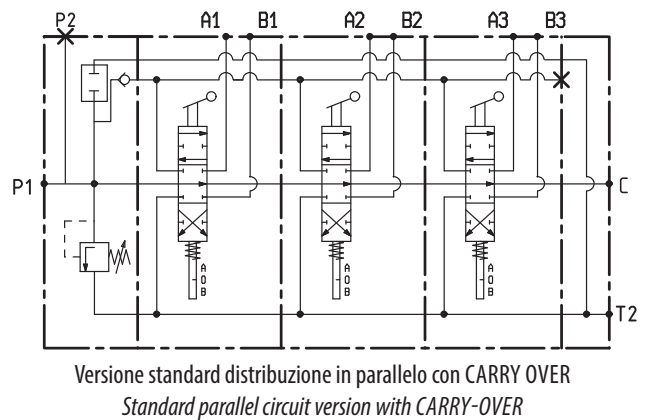
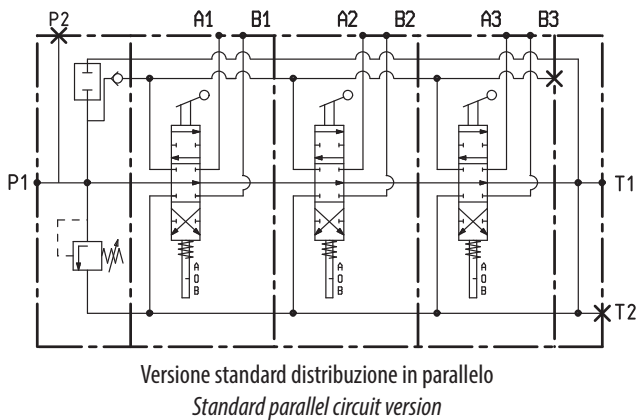


**VERSIONE MANUALE**  
MANUAL VERSION



Prove effettuate con olio viscosità 4° e a 50°C  
Tests performed with 4° visc. Oil at 50°C

**SCHEMA IDRAULICO**  
HYDRAULIC SYSTEM DIAGRAM

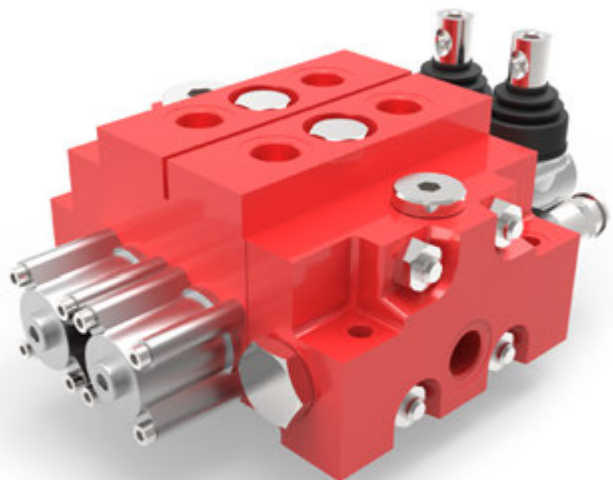


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# DISTRIBUTORE COMPONIBILE

## SECTIONAL CONTROL VALVE

# AMI 42C



**Costruito da 1 a 10 elementi**  
*Manufactured in 1 to 10 elements*

**Portata nominale**  
*Nominal flow rate* ..... 70 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 350 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 10 a 350 bar

**Valvola di ritegno unidirezionale ogni elemento / Single-acting check valve for each element**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

**Cursore reversibile per entrata destra o sinistra**  
*Reversing spool for right-hand or left-hand inlet*

**Predisposto per la continuazione della linea di pressione (STC)**  
*STC: presetting for CARRY-OVER*

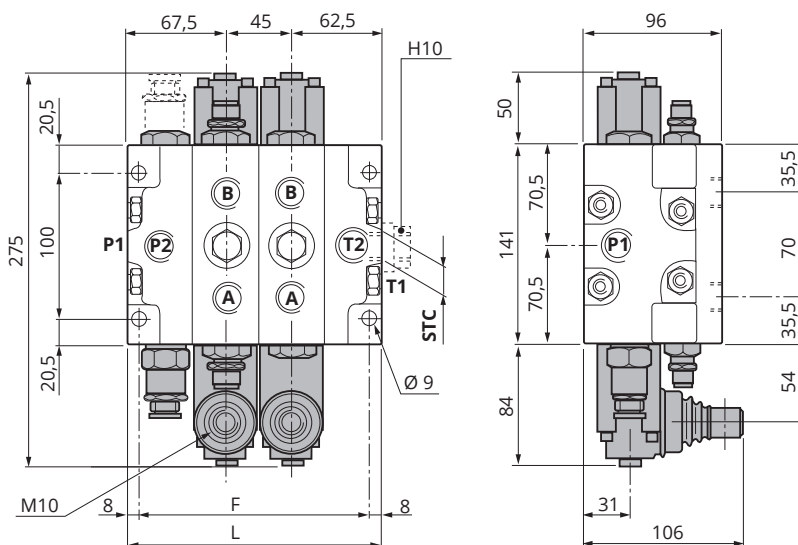
**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 20 ml/min

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 42C/1 (a 1 sezione / 1 section)	130	114	8,900
AMI 42C/2 (a 2 sezioni / 2 sections)	175	159	12,000
AMI 42C/3 (a 3 sezioni / 3 sections)	220	204	16,900
AMI 42C/4 (a 4 sezioni / 4 sections)	265	249	20,900
AMI 42C/5 (a 5 sezioni / 5 sections)	310	294	24,900
AMI 42C/6 (a 6 sezioni / 6 sections)	355	339	28,900
AMI 42C/7 (a 7 sezioni / 7 sections)	400	384	32,900
AMI 42C/8 (a 8 sezioni / 8 sections)	445	429	36,900
AMI 42C/9 (a 9 sezioni / 9 sections)	490	474	40,900
AMI 42C/10 (a 10 sezioni / 10 sections)	535	519	44,900

**Versione standard: entrata SINISTRA**  
*Standard version: LEFT-HAND inlet*

**Trattamento antiruggine - a richiesta**  
*Rust-preventive treatment - on request*

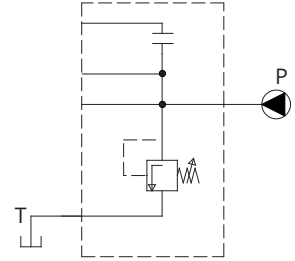
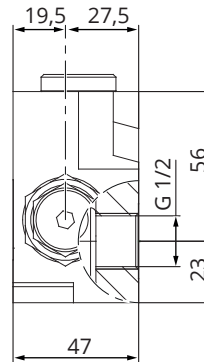
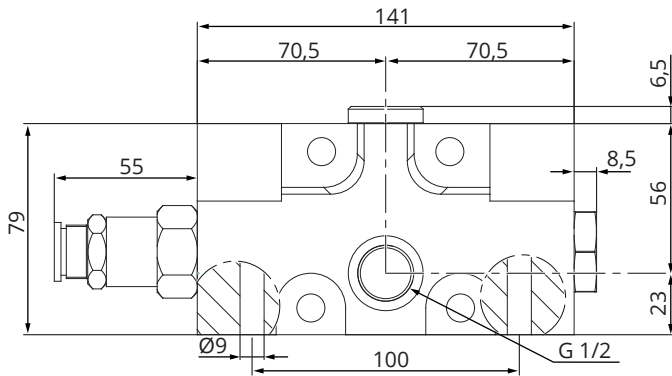


### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND		
<b>P1 - P2</b>	1/2" BSP	1/2" - 14 NPT	18x1,5	3/4" BSP
<b>A - B</b>	1/2" BSP	1/2" - 14 NPT	18x1,5	
<b>T2</b>	3/4" BSP	3/4" - 14 NPT	22x1,5	
<b>T1 - STC</b>	3/4" BSP	3/4" BSP	3/4" BSP	
PILOTAGGI/CONTROL PILOT PORTS				
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP			
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"			

**P2D**

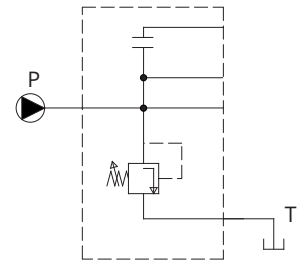
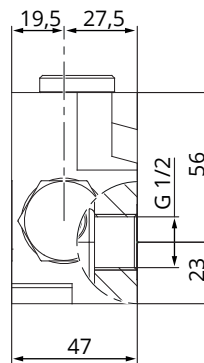
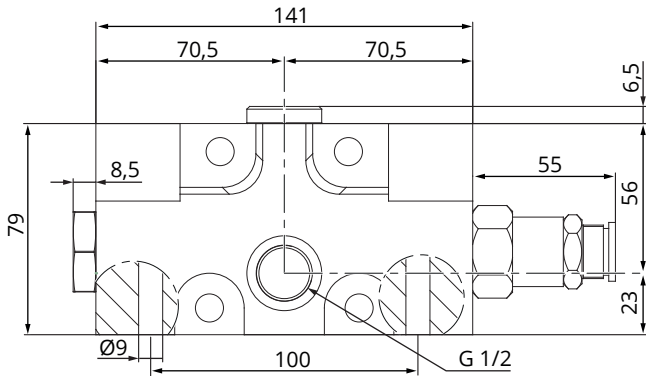
**Elemento di entrata destra con valvola di max pressione**  
*Rh Inlet element with pressure relief valve*



\*

**P2S**

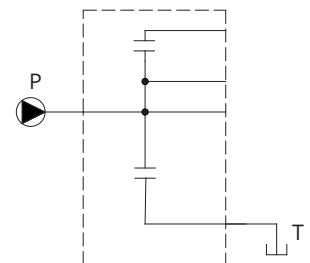
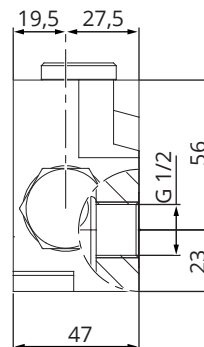
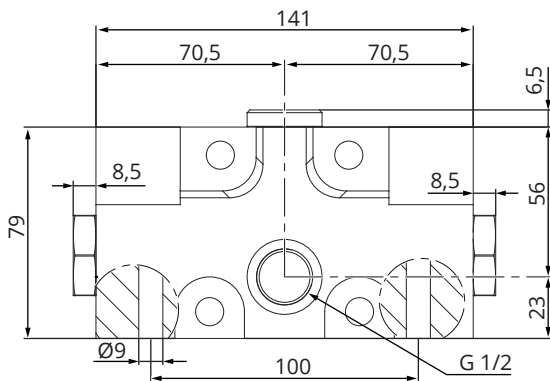
**Elemento di entrata sinistra con valvola di max pressione**  
*Lh Inlet element with pressure relief valve*



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**P4S**

**Elemento di entrata sinistra e tappi sostitutivi valvola**  
*Lh inlet element and valve replacing plugs*



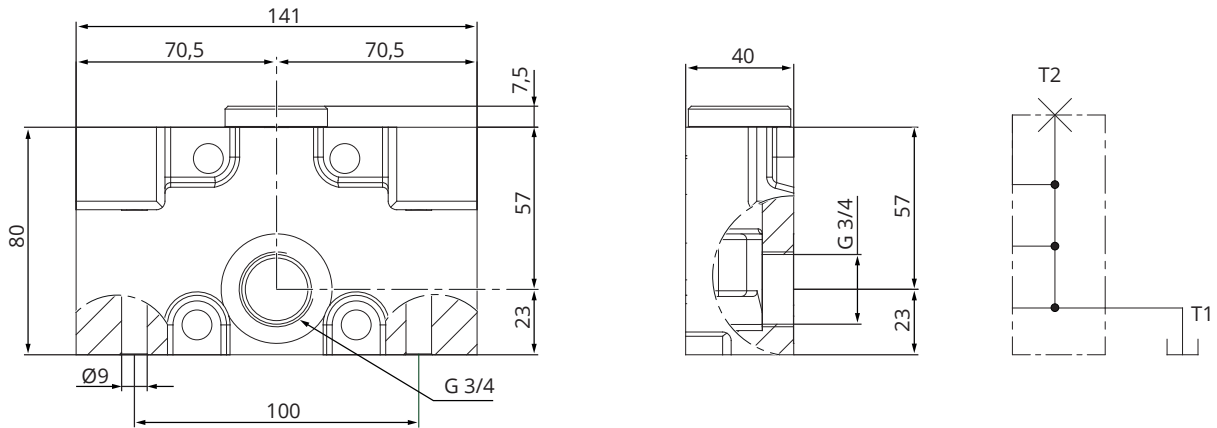
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\* Vedi altre opzioni per elemento di entrata a pag. B-1 / See other inlet element options on page B-1

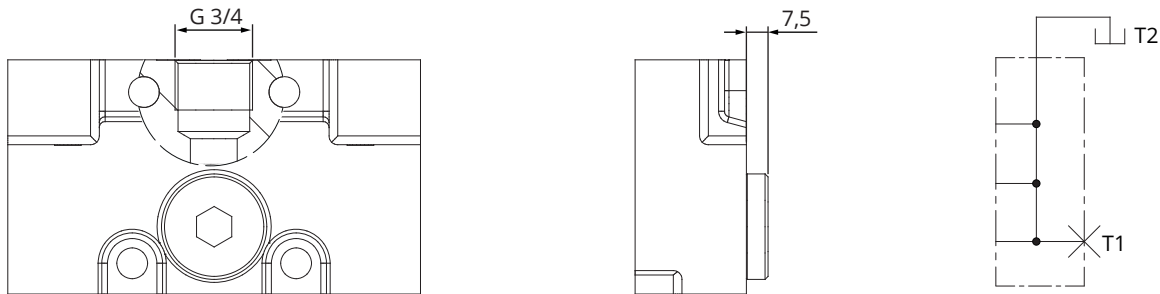
**3D**

**Scarico laterale**  
*Side outlet*



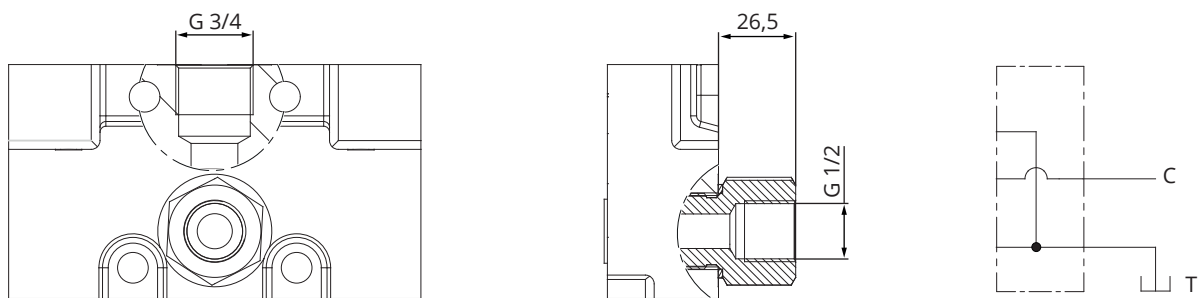
**3DS**

**Scarico superiore**  
*Upper outlet*



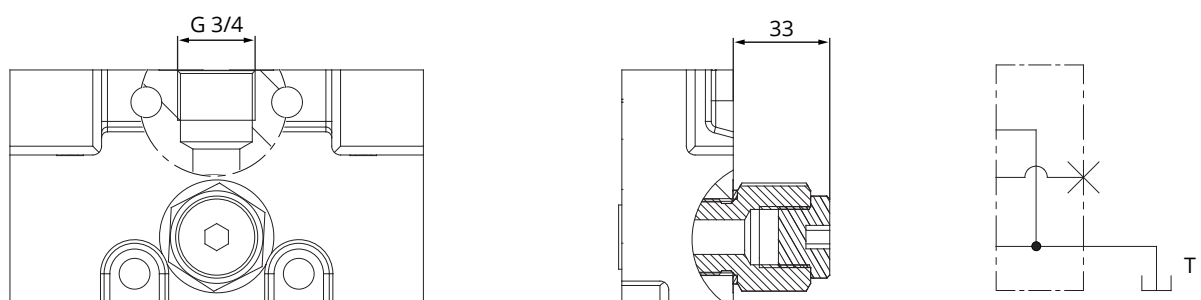
**3DC**

**Continuazione della linea di pressione**  
*Side outlet with upper carry-over*



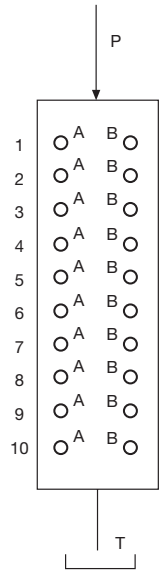
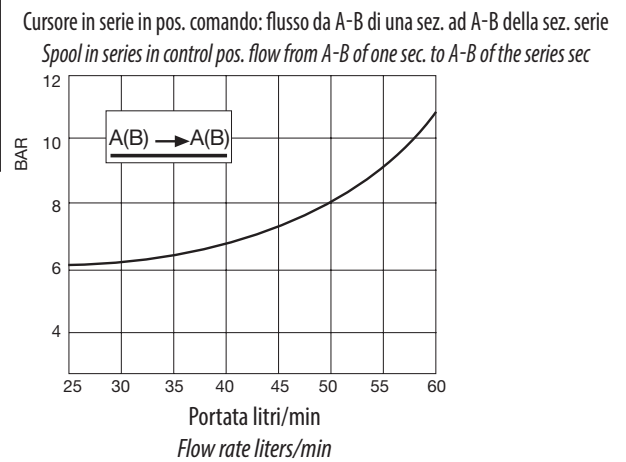
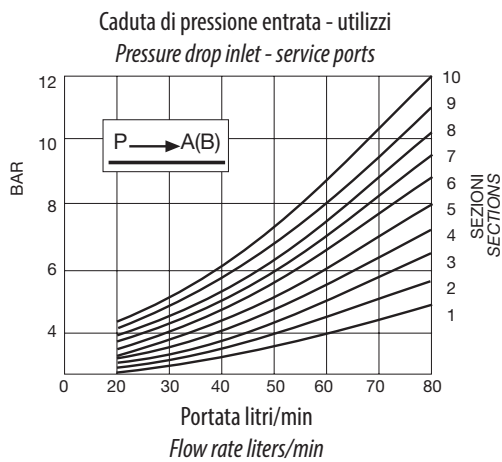
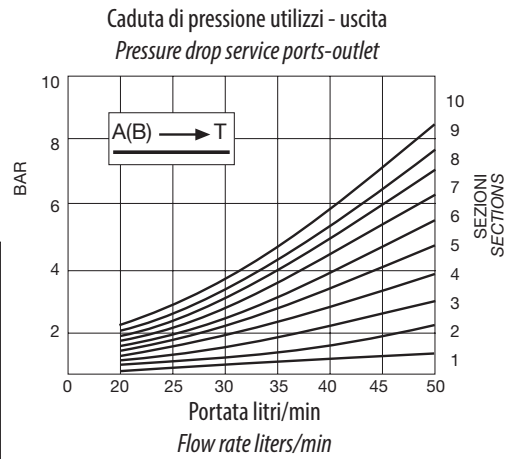
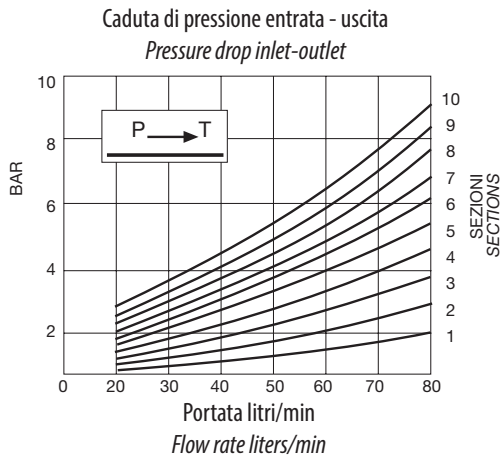
**3DCC**

**Centro chiuso**  
*Side outlet and closed centre*



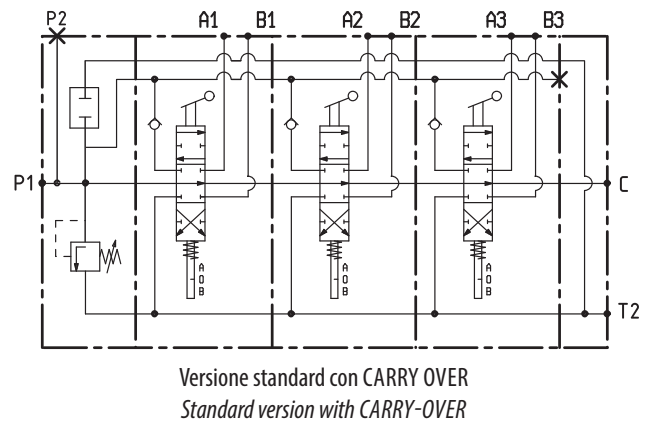
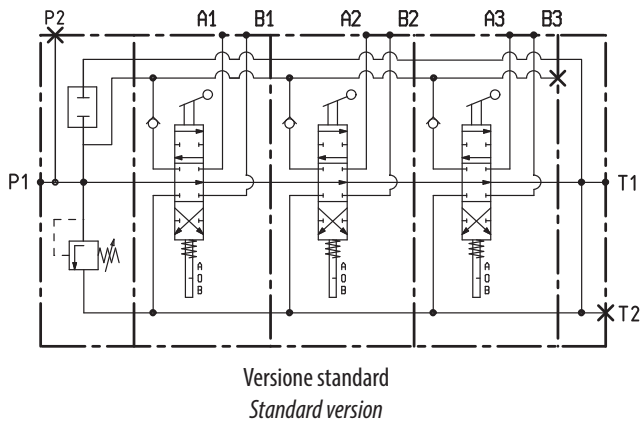


**VERSIONE MANUALE**  
MANUAL VERSION



Prove effettuate con olio viscosità 4° e a 50°C  
Tests performed with 4° visc. oil at 50°C

**SCHEMA IDRAULICO**  
HYDRAULIC SYSTEM DIAGRAM

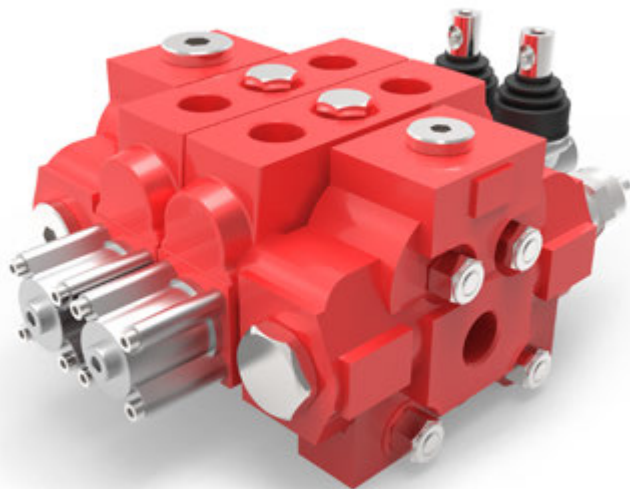


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# DISTRIBUTORE COMPONIBILE

## SECTIONAL CONTROL VALVE

# AMI 12C



**Costruito da 1 a 10 elementi**  
*Manufactured in 1 to 10 elements*

**Portata nominale**  
*Nominal flow rate* ..... 120 l/min

**Pressione MAX di esercizio**  
*MAX working pressure* ..... 250 bar

**Contropressione MAX allo scarico**  
*MAX return backpressure* ..... 80 bar

**Valvola di MAX PRESSIONE standard tarabile**  
*Standard PRESSURE RELIEF valve, may be set* ..... da 30 a 250 bar

**Valvola di ritegno unidirezionale ogni elemento / Single-acting check valve for each element**  
**Ricoprimento negativo del cursore / Negative spool overlapping**

**Cursore reversibile per entrata destra o sinistra**  
*Reversing spool for right-hand or left-hand inlet*

**Predisposto per la continuazione della linea di pressione (STC)**  
*STC: presetting for CARRY-OVER*

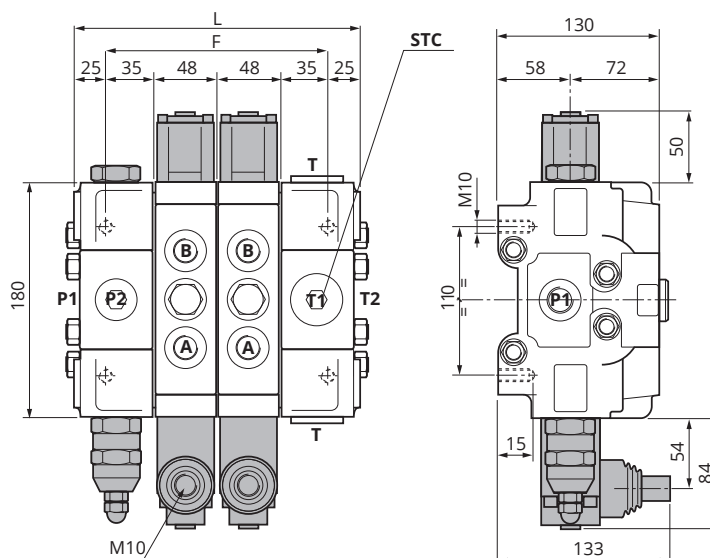
**Temperatura di esercizio**  
*Working temperature* ..... min. -30°C ÷ max. 80°C

**Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)**  
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... 21 ml/min

MODELLO/MODEL	L (MM)	F (MM)	PESO/WEIGHT (KG)
AMI 12C/1 (a 1 sezione / 1 section)	168	118	18,600
AMI 12C/2 (a 2 sezioni / 2 sections)	216	166	24,900
AMI 12C/3 (a 3 sezioni / 3 sections)	264	214	31,200
AMI 12C/4 (a 4 sezioni / 4 sections)	312	262	37,500
AMI 12C/5 (a 5 sezioni / 5 sections)	360	310	43,800
AMI 12C/6 (a 6 sezioni / 6 sections)	408	358	50,100
AMI 12C/7 (a 7 sezioni / 7 sections)	456	406	56,400
AMI 12C/8 (a 8 sezioni / 8 sections)	504	454	62,700
AMI 12C/9 (a 9 sezioni / 9 sections)	552	502	69,000
AMI 12C/10 (a 10 sezioni / 10 sections)	600	550	75,300

**Versione standard: entrata SINISTRA**  
*Standard version: LEFT-HAND inlet*

**Trattamento antiruggine - a richiesta**  
*Rust-preventive treatment - on request*

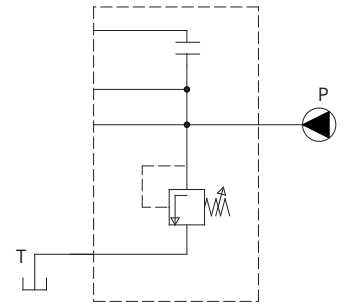
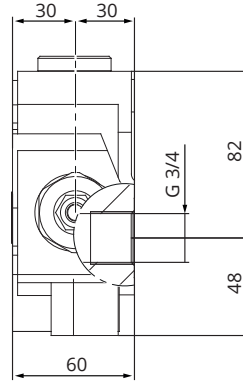
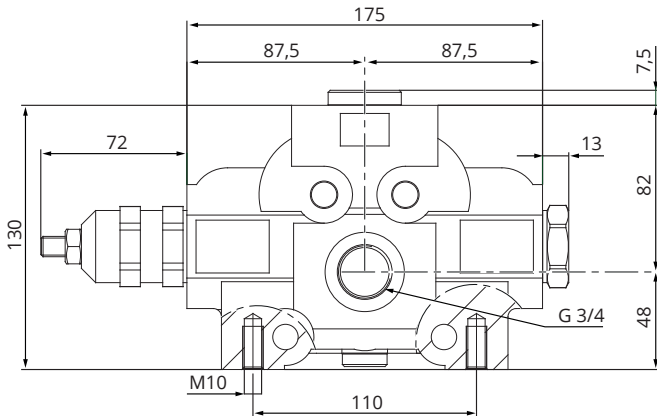


### FILETTATURE DISPONIBILI / AVAILABLE THREADS

UTILIZZI/PORTS	STANDARD	A RICHIESTA/ON DEMAND
<b>P1 - P2</b>	3/4" BSP	1" BSP
<b>A - B</b>	3/4" BSP	3/4" BSP
<b>T2</b>	1" BSP	1" BSP
<b>T1 - STC</b>	1" BSP	1" BSP
PILOTAGGI/CONTROL PILOT PORTS		
<b>PNEUMATICI/PNEUMATICS</b>	1/8" BSP	
<b>IDRAULICI/HYDRAULICS</b>	G 1/4"	

**P2D**

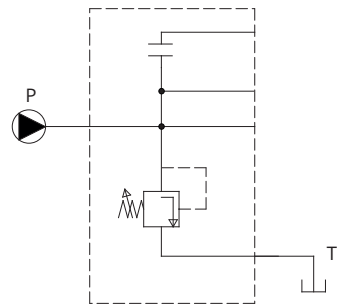
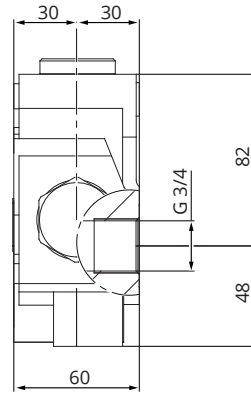
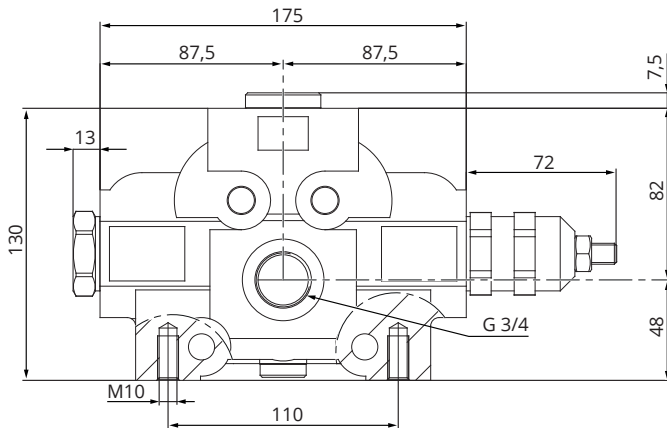
**Elemento di entrata destra con valvola di max pressione**  
*Rh Inlet element with pressure relief valve*



\*

**P2S**

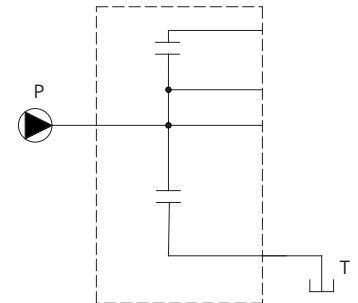
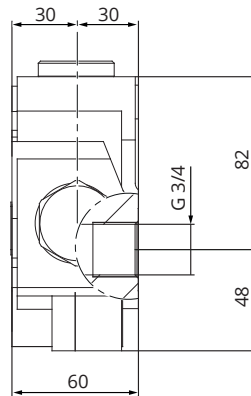
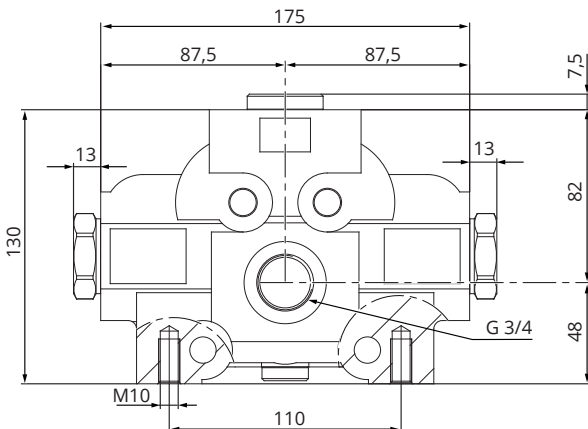
**Elemento di entrata sinistra con valvola di max pressione**  
*Lh Inlet element with pressure relief valve*



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**P4S**

**Elemento di entrata sinistra e tappi sostitutivi valvola**  
*Lh inlet element and valve replacing plugs*



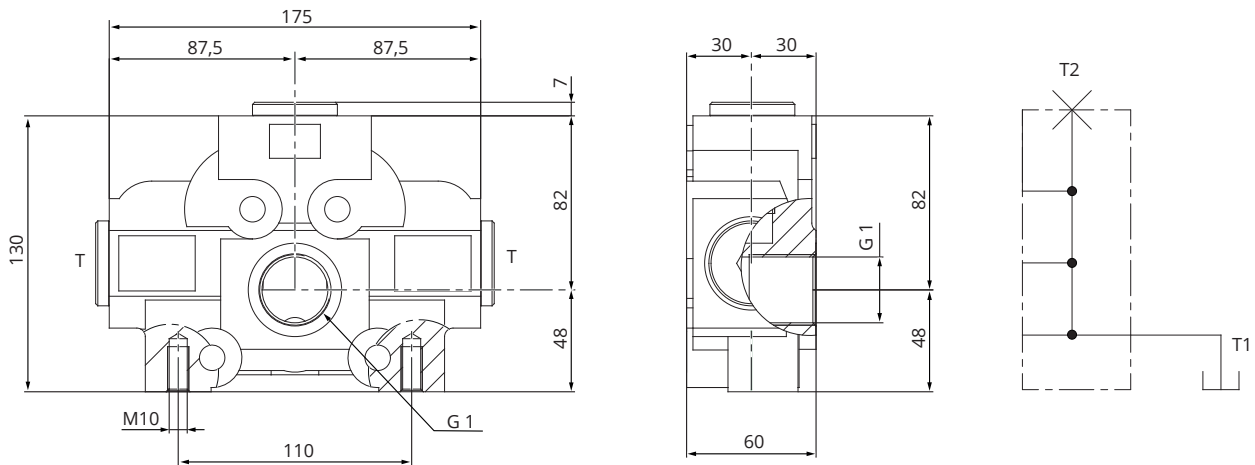
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\* Vedi altre opzioni per elemento di entrata a pag. B-1 / See other inlet element options on page B-1

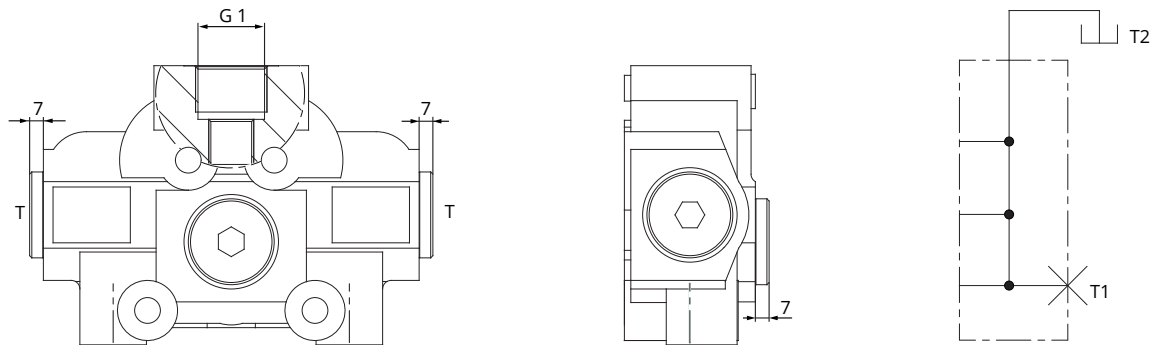
**3D**

**Scarico laterale**  
*Side outlet*



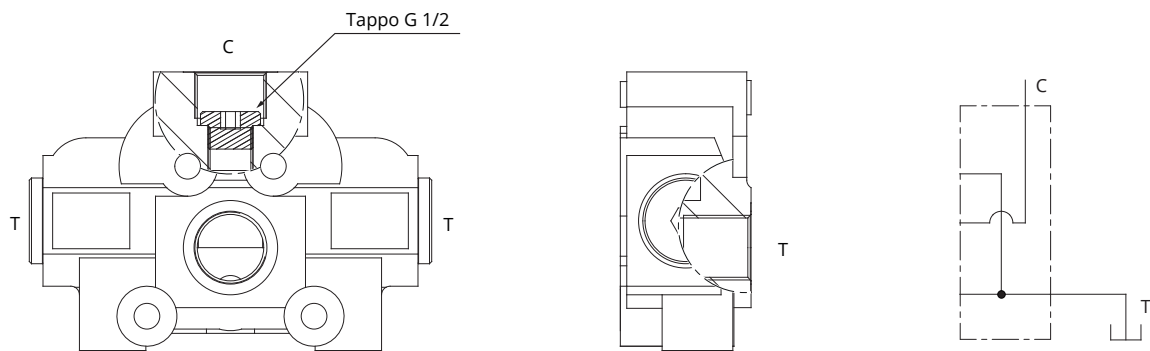
**3DS**

**Scarico superiore**  
*Upper outlet*



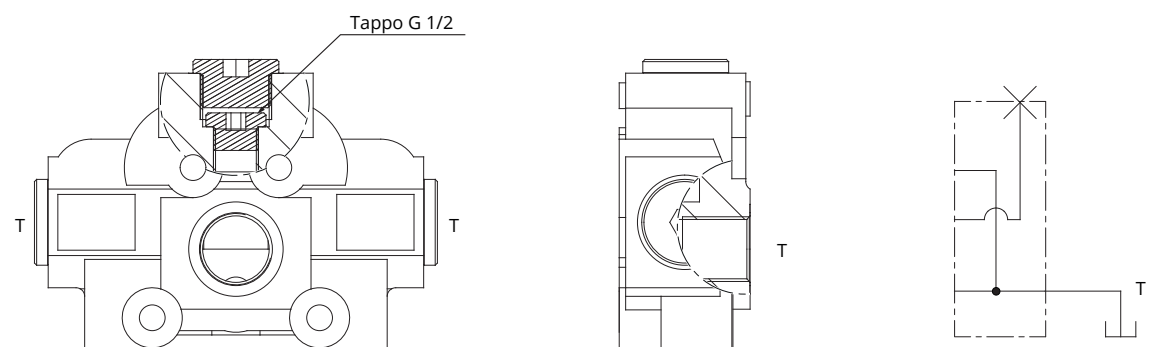
**3DC**

**Continuazione della linea di pressione**  
*Side outlet with upper carry-over*

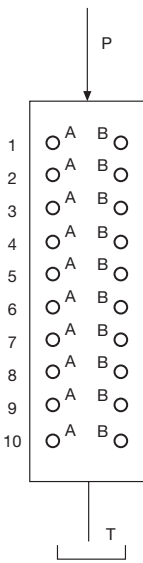
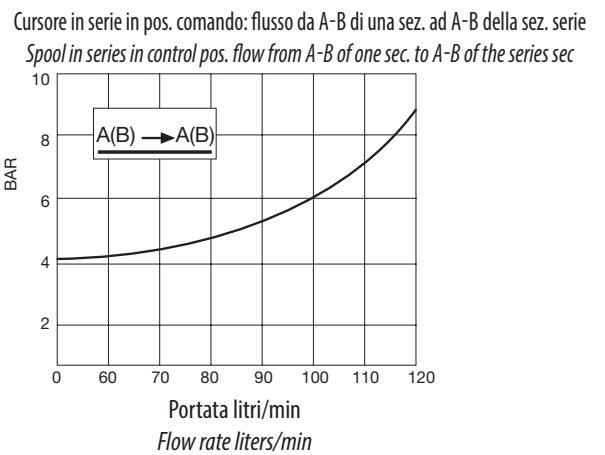
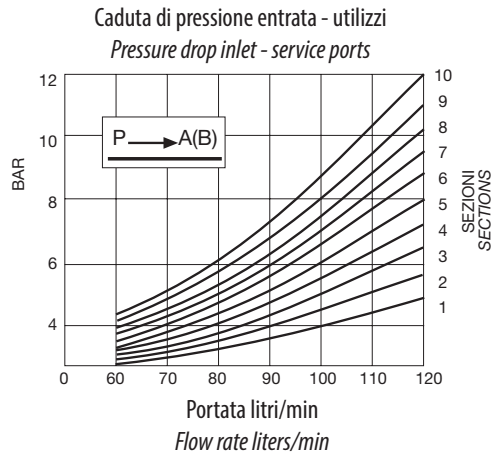
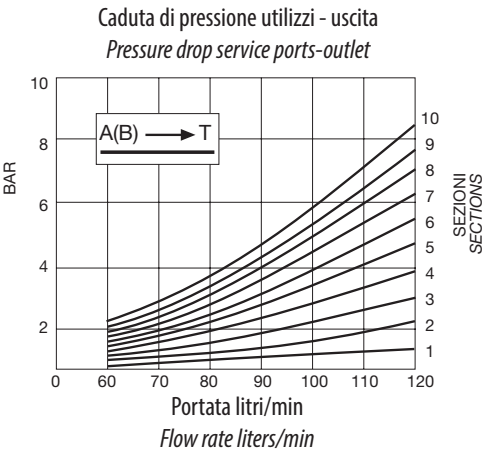
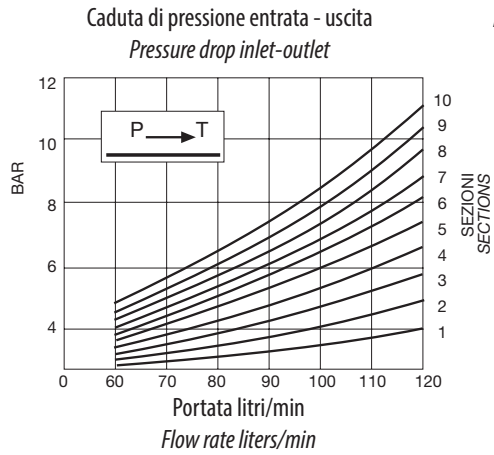


**3DCC**

**Centro chiuso**  
*Side outlet and closed centre*

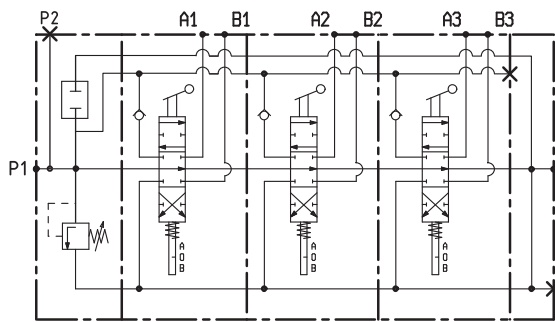


**VERSIONE MANUALE**  
MANUAL VERSION

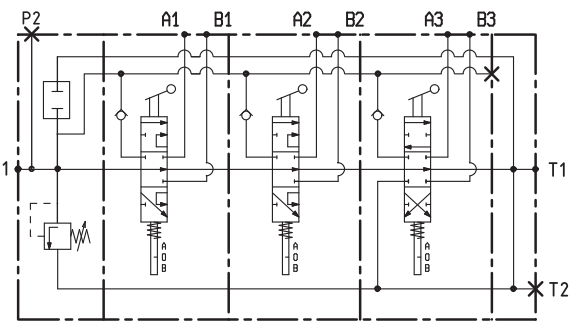


Prove effettuate con olio viscosità 4° e a 50°C  
Tests performed with 4° visc. Oil at 50°C

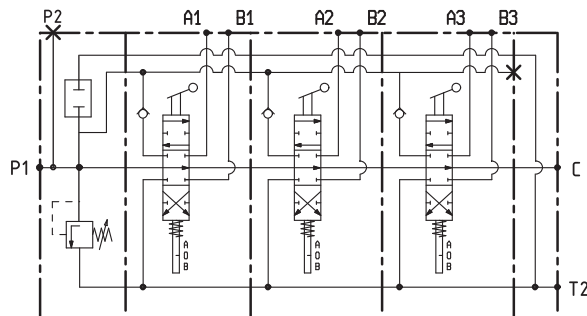
**SCHEMA IDRAULICO**  
HYDRAULIC SYSTEM DIAGRAM



Versione standard distribuzione in parallelo  
Standard parallel circuit version



Versione standard distribuzione in serie  
Standard series circuit version



Versione standard distribuzione in parallelo con CARRY OVER  
Standard parallel circuit version with CARRY-OVER

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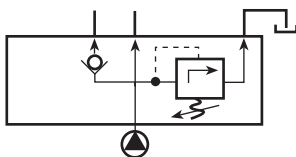


# COLLETTORI DI ENTRATA INLET MANIFOLDS

**AMI:** Lesigle dei distributori in grigio non sono disponibili per i rispettivi collettori.  
The codes of the control valves in grey are not available for their respective manifolds.

## P1S

**Collettore di entrata sinistra con valvola di max pressione e valvola unidirezionale (Z26)**  
*Lh inlet manifold with pressure relief valve and single-acting valve (Z26)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

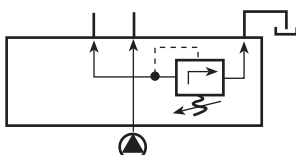
AMI 5C

AMI 42C

AMI 12C

## P2S

**Collettore di entrata sinistra con valvola di max pressione (Z27)**  
*Lh inlet manifold with pressure relief valve (Z27)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

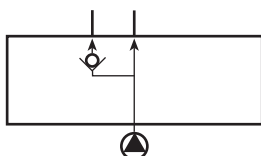
AMI 5C

AMI 42C

AMI 12C

## P3S

**Collettore di entrata sinistra con valvola unidirezionale (Z28) e tappo sostitutivo valvola**  
*Lh inlet manifold with single-acting valve (Z28) and valve replacing plug*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

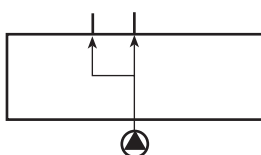
AMI 5C

AMI 42C

AMI 12C

## P4S

**Collettore di entrata sinistra con tappo sostitutivo valvole (Z29)**  
*Lh inlet manifold with valve replacing plug (Z29)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

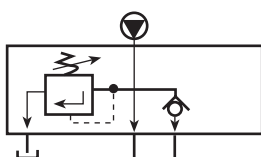
AMI 5C

AMI 42C

AMI 12C

## P1D

**Collettore di entrata destra con valvola di max pressione e valvola unidirezionale (Z26)**  
*Rh inlet manifold with pressure relief valve and single-acting valve (Z26)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

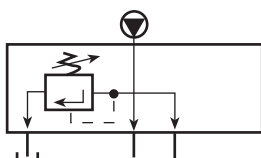
AMI 5C

AMI 42C

AMI 12C

## P2D

**Collettore di entrata destra con valvola di max pressione (Z27)**  
*Rh inlet manifold with pressure relief valve (Z27)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

AMI 5C

AMI 42C

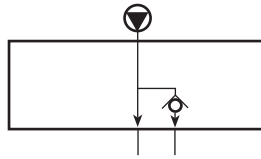
AMI 12C

# COLLETTORI DI ENTRATA

## INLET MANIFOLDS

### P3D

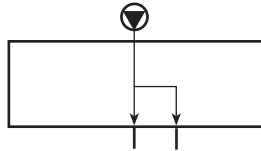
**Collettore di entrata destra con valvola unidirezionale (Z28) e tappo sostitutivo valvola**  
*Rh inlet manifold with single-acting valve (Z28) and valve replacing plug*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### P4D

**Collettore di entrata destra con tappo sostitutivo valvole (Z29)**  
*Rh inlet manifold with valve replacing plug (Z29)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C



<b>AB1</b>		<b>3 Posizioni, doppio effetto</b> 3-Positions double-acting			
<b>**</b>		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB2</b>		<b>3 Posizioni, semplice effetto servizio in A, B tappato</b> 3-Positions single-acting service in A, B capped			
<b>**</b>		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB3</b>		<b>3 Posizioni, semplice effetto servizio in B, A tappato</b> 3-Positions single-acting service in B, A capped			
<b>**</b>		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB4</b>		<b>4 Posizioni, doppio effetto con 4^ posizione flottante</b> 4-Positions double-acting with floating 4th position			
<b>**</b>		AMI 3	AMI 4 *	AMI 21R *	AMI 250
		AMI 300	AMI 130 *	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB4S</b>		<b>4 Posizioni, doppio effetto con 4^ posizione flottante a spingere</b> 4-Positions double-acting with floating push-in 4th position			
<b>**</b>		AMI 3	AMI 4	AMI 21R *	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB5</b>		<b>3 Posizioni, doppio effetto senza passaggio in 0</b> 3-Positions double-acting with no passage in 0			
<b>**</b>		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C

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\*\* N.B.: È possibile realizzare il cursore sensibile proporzionale (H25) pag.C-7 / Metered spool (H25 - page C-7) available on request

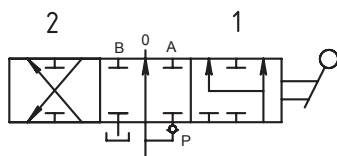
<b>AB6</b>		<b>3 Posizioni, doppio effetto A e B a scarico</b> <i>3-Positions double-acting A and B to tank</i>			
**		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB6P</b>		<b>3 Posizioni, doppio effetto A e B a scarico parzializzati</b> <i>Metered 3-position, double-acting A and B to tank</i>			
**		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB7</b>		<b>3 Posizioni, doppio effetto A a scarico B bloccato</b> <i>3-Positions double-acting A to tank, lock in B</i>			
**		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB8</b>		<b>3 Posizioni, doppio effetto A bloccato B a scarico</b> <i>3-Positions double-acting B to tank, lock in A</i>			
**		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB9</b>		<b>3 Posizioni, doppio effetto senza passaggio in 0 A e B a scarico</b> <i>3-Positions double-acting no passage in 0, A and B to tank</i>			
**		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>AB10</b>		<b>3 Posizioni, doppio effetto serie</b> <i>3-Positions double-acting series</i>			
**		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300 *	AMI 130	AMI 700 *	AMI 012
		AMI 013	AMI 5C *	AMI 42C *	AMI 12C *

\* N.B.: Il corpo distributore deve essere predisposto / Control valve body must be preset

\*\* N.B.: È possibile realizzare il cursore sensibile proporzionale (H25) pag.C-7 / Metered spool (H25 - page C-7) available on request

## AB11

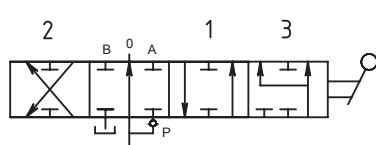
**3 Posizioni, doppio effetto rigenerativo**  
*3-Positions regenerative double-acting*



AMI 3 *	AMI 4	AMI 21R *	AMI 250 *
AMI 300 *	AMI 130 *	AMI 700 *	AMI 012
AMI 013	AMI 5C *	AMI 42C *	AMI 12C *

## AB11A

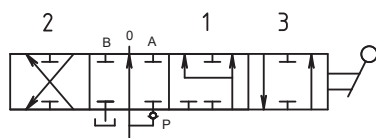
**4 Posizioni, doppio effetto rigenerativo in posizione 3**  
*4-Positions regenerative in 3rd position double-acting*



AMI 3 *	AMI 4	AMI 21R *	AMI 250 *
AMI 300 *	AMI 130 *	AMI 700 *	AMI 012
AMI 013	AMI 5C *	AMI 42C *	AMI 12C *

## AB11F

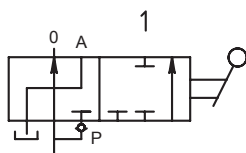
**4 Posizioni, doppio effetto rigenerativo in posizione 1**  
*4-Positions regenerative in 1st position double-acting*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB13

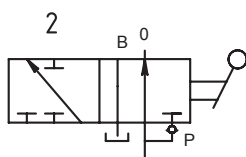
**2 Posizioni, semplice effetto servizio in A a scarico**  
*2-Positions single-acting service in A to tank*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB14

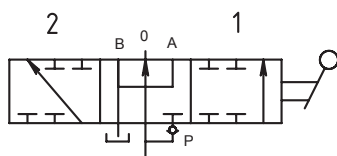
**2 Posizioni, semplice effetto servizio in B a scarico**  
*2-Positions single-acting service in B to tank*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB15

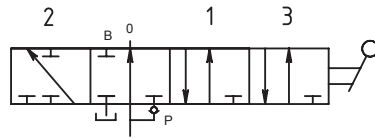
**3 Posizioni, doppio effetto A e B a scarico, senza scarico incrociato**  
*3-Positions double-acting A and B to tank, without cross return*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB16

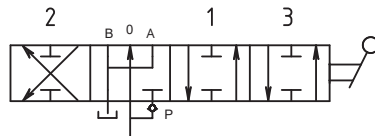
**4 Posizioni, semplice effetto servizio in B con 4<sup>a</sup> posizione flottante**  
4-Positions single-acting service in **B** with 4th floating position



AMI 3	AMI 4 *	AMI 21R *	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB17

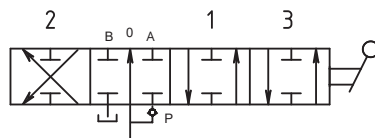
**4-posizioni, doppio effetto centro aperto, in 4<sup>a</sup> posizione "A" in pressione "B" a scarico**  
4-positions, double-acting opened center, with 4th position pressure in "A" & "B" to tank



AMI 3	AMI 4	AMI 21R *	AMI 250 *
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB19

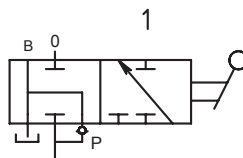
**4-posizioni, doppio effetto, in 4<sup>a</sup> posizione "A" in pressione "B" a scarico**  
4-positions, double-acting, with 4th position pressure in "A" & "B" to tank



AMI 3	AMI 4	AMI 21R *	AMI 250 *
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB20

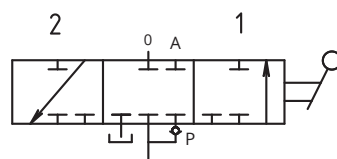
**2 Posizioni: posizione 1= P -> B; posizione 0= P e B -> T**  
2-Positions: pos. 1= P -> B; pos. 0= P and B -> T



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB21

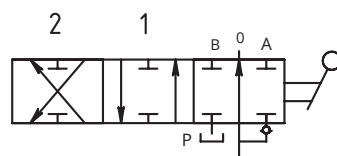
**3 posizioni, semplice effetto servizio in A senza passaggio in 0**  
3-positions single-acting service in **A**, no passage in **0**



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## AB22

**3 posizioni, doppio effetto con posizioni 1 (A) e 0 invertite**  
3-positions double-acting with exchanged positions 1 (A) and 0



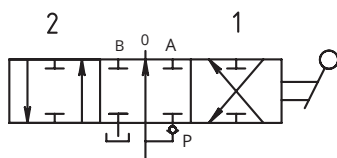
AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

\* N.B.: Il corpo distributore deve essere predisposto / Control valve body must be preset

\*\* N.B.: È possibile realizzare il cursore sensibile proporzionale (H25) pag.C-7 / Metered spool (H25 - page C-7) available on request

## AB23

**3 posizioni, doppio effetto con posizioni 1 (A) e 2 (B) invertite**  
3-positions double-acting with exchanged positions 1 (A) and 2 (B)



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

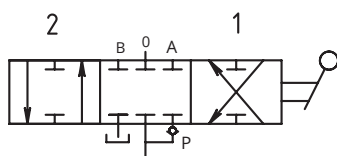
AMI 5C

AMI 42C

AMI 12C

## AB24

**3 posizioni, doppio effetto senza passaggio in 0 con posizioni 1 (A) e 2 (B) invertite**  
3-positions double-acting, no passage in 0, with exchanged positions 1 (A) and 2 (B)



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

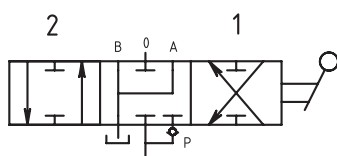
AMI 5C

AMI 42C

AMI 12C

## AB25

**3 posizioni, doppio effetto A e B a scarico con posizioni 1 e 2 invertite**  
3-positions double-acting A and B to tank with exchanged positions 1 and 2



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

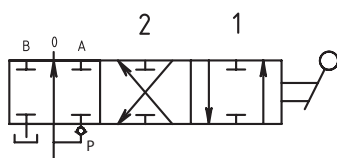
AMI 5C

AMI 42C

AMI 12C

## AB26

**3 posizioni, doppio effetto con posizioni 2 e 0 invertite**  
3-positions double-acting with exchanged positions 2 and 0



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

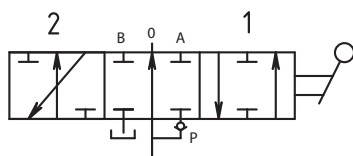
AMI 5C

AMI 42C

AMI 12C

## AB27

**3 posizioni; pos. 1= P -> A; B -> T; pos. 0= P -> T con A e B bloccati; pos. 2= P e A -> T**  
3-positions; pos. 1= P -> A; B -> T; pos. 0= P -> T with A and B locked; pos. 2= P and A -> T



AMI 3

**AMI 4**

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

AMI 5C

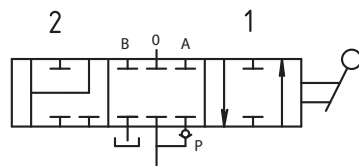
AMI 42C

AMI 12C

# CURSORI SPOOLS

## AB28

**3 posizioni; pos. 1= P → A; B → T; pos. 0= P-A-B bloccati; pos. 2= A e B → T con P bloccata**  
*3-positions; pos. 1= P → A; B → T; pos. 0= P-A-B locked; pos. 2= A and B → T with P locked*



**AMI 3**  
solo entrata SX  
only LH inlet

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

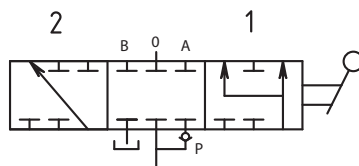
AMI 5C

AMI 42C

AMI 12C

## AB29

**3 posizioni; pos. 1 rigenerativo; pos. 0= P-A-B bloccati; pos. 2= P → B con A bloccato**  
*3-positions; regenerative pos. 1; pos. 0= P-A-B locked; pos. 2= P → B with A locked*



AMI 3

AMI 4

AMI 21R

**AMI 250 \***

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

AMI 5C

AMI 42C

AMI 12C

\* N.B.: Il corpo distributore deve essere predisposto / Control valve body must be preset

\*\* N.B.: È possibile realizzare il cursore sensibile proporzionale (H25) pag.C-7 / Metered spool (H25 - page C-7) available on request

## OPZIONI CURSORI

### SPOOL OPTIONS

<b>H24</b>	<b>Cursore per ricoprimento positivo accentuato</b> <i>Spool with large positive overlap</i>	AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H25</b>	<b>Cursore sensibile proporzionale per portate fino a ** l/min</b> <i>Metered spool for flow rates up to * l/min</i>	AMI 3	AMI 4	AMI 21R ** = 30	AMI 250* ** = 30
		AMI 300* ** = 50	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C ** = 30	AMI 42C ** = 50	AMI 12C
<b>H25A</b>	<b>Cursore sensibile proporzionale per portate fino a 18 l/min</b> <i>Metered spool for flow rates up to 18 l/min</i>	AMI 3	AMI 4	AMI 21R	AMI 250*
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H25B</b>	<b>Cursore sensibile proporzionale per portate fino a 12 l/min</b> <i>Metered spool for flow rates up to 12 l/min</i>	AMI 3	AMI 4	AMI 21R	AMI 250*
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H26</b>	<b>Cursore nichelato</b> <i>Nickel-plated spool</i>	AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H26T</b>	<b>Cursore temprato e nichelato</b> <i>Hardened and nickel-plated spool</i>	AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H28</b>	<b>Cursore cromato</b> <i>Chrome-plated spool</i>	AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C

\* N.B.: Il corpo distributore deve essere predisposto / Control valve body must be preset

I dati presenti nel catalogo non sono impegnativi e possono essere variati senza obbligo di preavviso  
Any specification in this catalogue is not binding and can be modified without any notice





# CONTROLLO CURSORE SPOOL DRIVE

**AMI:** Le sigle dei distributori in grigio non sono disponibili per i rispettivi controlli cursore.  
The codes of the control valves in grey are not available for their respective spool controls.

<b>C1</b>		<b>3 Posizioni, ritorno al centro a molla</b> 3-Positions spring return to center			
		<b>AMI 3</b> * = 38	<b>AMI 4</b> * = 38	<b>AMI 21R</b> * = 50	<b>AMI 250</b> * = 38
		<b>AMI 300</b> * = 50	<b>AMI 130</b> * = 50	<b>AMI 700</b> * = 50	<b>AMI 012</b> * = 50
		<b>AMI 013</b> * = 50	<b>AMI 5C</b> * = 38	<b>AMI 42C</b> * = 50	<b>AMI 12C</b> * = 50
<b>C2</b>		<b>3 Posizioni, ritorno al centro a molla ritenuta in pos. 1 e 2</b> 3-Positions spring return to center detent in 1 and 2 pos.			
		<b>AMI 3</b> * = 72	<b>AMI 4</b> * = 72	<b>AMI 21R</b> * = 92	<b>AMI 250</b> * = 72
		<b>AMI 300</b> * = 92	<b>AMI 130</b> * = 92	<b>AMI 700</b> * = 92	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b> * = 72	<b>AMI 42C</b> * = 92	<b>AMI 12C</b> * = 92
<b>C3</b>		<b>3 Posizioni, ritorno al centro a molla ritenuta in pos. 1</b> 3-Positions spring return to center detent in 1 pos.			
		<b>AMI 3</b> * = 72	<b>AMI 4</b> * = 72	<b>AMI 21R</b> * = 92	<b>AMI 250</b> * = 72
		<b>AMI 300</b> * = 92	<b>AMI 130</b> * = 92	<b>AMI 700</b> * = 92	<b>AMI 012</b>
		<b>AMI 013</b> * = 92	<b>AMI 5C</b> * = 72	<b>AMI 42C</b> * = 92	<b>AMI 12C</b> * = 92
<b>C4</b>		<b>3 Posizioni, ritorno al centro a molla ritenuta in pos. 2</b> 3-Positions spring return to center detent in 2 pos.			
		<b>AMI 3</b> * = 72	<b>AMI 4</b> * = 72	<b>AMI 21R</b>	<b>AMI 250</b> * = 72
		<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b> * = 92	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b> * = 72	<b>AMI 42C</b>	<b>AMI 12C</b>
		<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b> * = 50	<b>AMI 250</b>
		<b>AMI 300</b> * = 50	<b>AMI 130</b> * = 50	<b>AMI 700</b>	<b>AMI 012</b>
		<b>AMI 013</b> * = 50	<b>AMI 5C</b>	<b>AMI 42C</b> * = 50	<b>AMI 12C</b> * = 50
<b>C5</b>		<b>4 Posizioni, ritorno al centro a molla ritenuta in 4^ pos. flottante a tirare</b> 4-Positions spring return to center floating pulling detent in 4th position			
		<b>AMI 3</b>	<b>AMI 4</b> * = 72	<b>AMI 21R</b> * = 92	<b>AMI 250</b> * = 72
		<b>AMI 300</b> * = 92	<b>AMI 130</b> * = 92	<b>AMI 700</b> * = 92	<b>AMI 012</b> * = 83
		<b>AMI 013</b> * = 83	<b>AMI 5C</b> * = 72	<b>AMI 42C</b> * = 92	<b>AMI 12C</b> * = 92

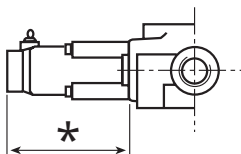
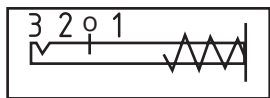
I dati nel presente catalogo non sono impegnative e possono essere variati senza obbligo di preavviso.  
Any specification in this catalogue is not binding and can be modified without any notice.

# CONTROLLO CORSOORE

## SPOOL DRIVE

### C5S

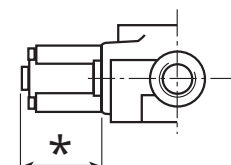
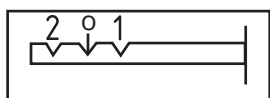
4 Posizioni, ritorno al centro a molla ritenuta in 4<sup>a</sup> pos. flottante a spingere  
 4-Positions spring return to centre floating push-in detent in 4th position



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 92	AMI 250 * = 72
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C6

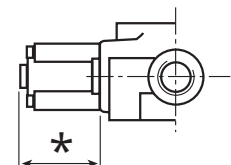
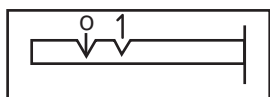
Ritenuta nelle 3 posizioni  
 Detent in the 3 positions



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C7

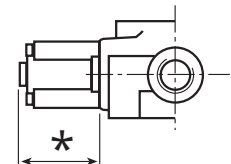
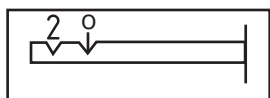
Ritenuta nelle 2 posizioni in pos. 1 e 0  
 Detent in the 2 positions in 1 and 0 pos.



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C8

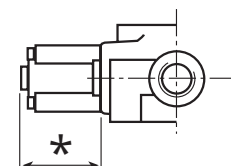
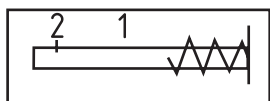
Ritenuta nelle 2 posizioni in pos. 2 e 0  
 Detent in the 2 positions in 2 and 0 pos.



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C9

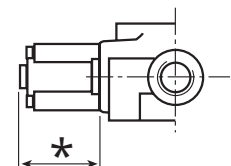
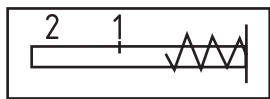
Ritorno a molla in posizione 2  
 Spring return to position 2



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C10

Ritorno a molla in posizione 1  
 Spring return to position 1



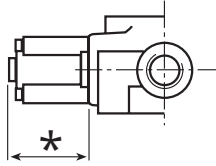
AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

# CONTROLLO CURSORE

## SPOOL DRIVE

### C10A

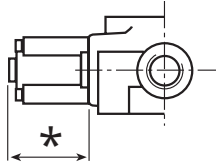
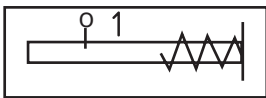
Posizione 0, ritorno a molla in posizione 1  
Position 0, spring return to position 1



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C11

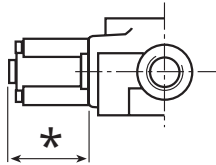
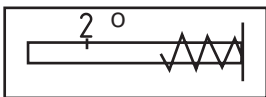
Posizione 1, ritorno a molla in posizione 0  
Position 1, spring return to position 0



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C11SPD

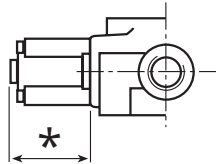
Posizione 0, ritorno a molla in posizione 2  
Position 0, spring return to position 2



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C12

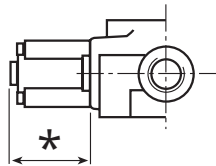
Posizione 2, ritorno a molla in posizione 0  
Position 2, spring return to position 0



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C13

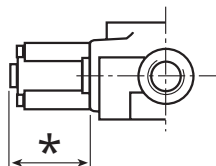
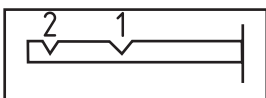
Ritenuta nelle 4 posizioni  
Detent in the 4 positions



AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

### C14

2 Posizioni, ritenuta in 1 e 2  
2-Positions detent in 1 and 2



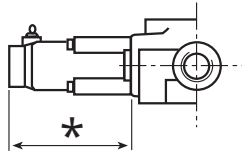
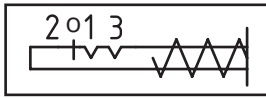
AMI 3 * = 38	AMI 4 * = 38	AMI 21R * = 50	AMI 250 * = 38
AMI 300 * = 50	AMI 130 * = 50	AMI 700 * = 50	AMI 012
AMI 013 * = 50	AMI 5C * = 38	AMI 42C * = 50	AMI 12C * = 50

# CONTROLLO CORSORE

## SPOOL DRIVE

### C15

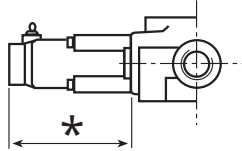
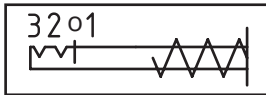
**4 Posizioni, ritorno al centro a molla da 1 in 0, ritenuta in 2 e in 4<sup>^</sup> pos. flottante**  
*4- Positions, spring return to center from 1 in 0, detent in 2 and in 4<sup>^</sup> floating position*



AMI 3	AMI 4 * = 72	AMI 21R * = 92	AMI 250 * = 72
AMI 300 * = 92	AMI 130 * = 92	AMI 700 * = 92	AMI 012
AMI 013	AMI 5C * = 72	AMI 42C * = 92	AMI 12C * = 92

### C15S

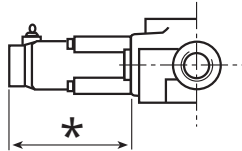
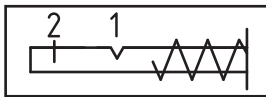
**4 Posizioni, ritorno al centro a molla da 2 in 0, ritenuta in 1 e in 4<sup>^</sup> pos. flottante**  
*4- Positions, spring return to center from 2 in 0, detent in 1 and in 4<sup>^</sup> floating position*



AMI 3	AMI 4 * = 72	AMI 21R * = 92	AMI 250 * = 72
AMI 300 * = 92	AMI 130 * = 92	AMI 700 * = 92	AMI 012
AMI 013	AMI 5C * = 72	AMI 42C * = 92	AMI 12C * = 92

### C17

**2 Posizioni, ritenuta in pos. 1, ritorno a molla in posizione 2**  
*2- Positions detent in 1, spring return to position 2*

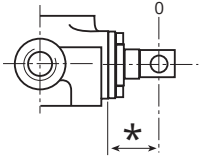
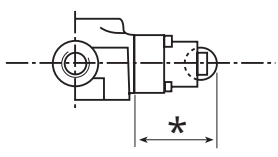
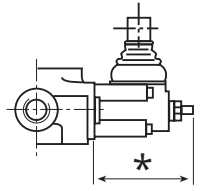
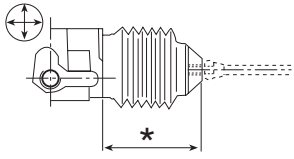
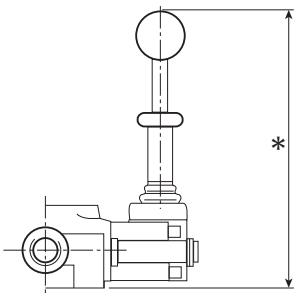


AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300 * = 92	AMI 130 * = 92	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

## ACCESSORI - OPZIONI LATO LEVA

### ACCESSORIES - OPTIONS ON LEVER SIDE

**AMI:** Le sigle dei distributori in grigio non sono disponibili per i rispettivi accessori.  
The codes of the control valves in grey are not available for their respective accessories.

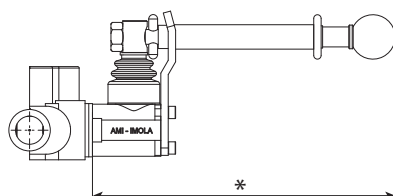
<b>H3</b>		<b>Flangia raschiapolvere sul cursore</b> <i>Dust scraping flange on spool</i>			
	<b>AMI 3</b> * = 28	<b>AMI 4</b> * = 28	<b>AMI 21R</b> * = 34	<b>AMI 250</b> * = 28	
	<b>AMI 300</b> * = 34	<b>AMI 130</b> * = 34	<b>AMI 700</b> * = 54	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b> * = 28	<b>AMI 42C</b> * = 54	<b>AMI 12C</b> * = 54	
<b>H6</b>		<b>Dispositivo per azionamento a camme del cursore</b> <i>Device for spool cam driving</i>			
	<b>AMI 3</b> * = 52	<b>AMI 4</b> * = 52	<b>AMI 21R</b> * = 62	<b>AMI 250</b> * = 52	
	<b>AMI 300</b> * = 62	<b>AMI 130</b> * = 62	<b>AMI 700</b> * = 62	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b> * = 52	<b>AMI 42C</b> * = 62	<b>AMI 12C</b> * = 62	
<b>H8</b>		<b>Dispositivo con limitatore di corsa nel gruppo leva</b> <i>Device with stroke limiter in the lever unit</i>			
	<b>AMI 3</b> * = 66	<b>AMI 4</b> * = 66	<b>AMI 21R</b> * = 80	<b>AMI 250</b> * = 66	
	<b>AMI 300</b> * = 80	<b>AMI 130</b> * = 80	<b>AMI 700</b> * = 100	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b> * = 66	<b>AMI 42C</b> * = 100	<b>AMI 12C</b> * = 100	
<b>H16</b>		<b>Gruppo leva di azionamento a cloche con movimentazione a + (senza asta)</b> <i>Joystick driving lever unit with + shifting (without rod)</i>			
	<b>AMI 3</b>	<b>AMI 4</b> * = 85	<b>AMI 21R</b>	<b>AMI 250</b> * = 85	
	<b>AMI 300</b> * = 102	<b>AMI 130</b> * = 102	<b>AMI 700</b> * = 122	<b>AMI 012</b>	
	<b>AMI 013</b> * = 102	<b>AMI 5C</b> * = 85	<b>AMI 42C</b> * = 122	<b>AMI 12C</b>	
<b>H19</b>		<b>Gruppo leva di azionamento a norme EMPI con sblocco a siringa</b> <i>Driving lever unit to EMPI standards with release by syringe</i>			
	<b>AMI 3</b> * = 140/170/200	<b>AMI 4</b> * = 140/170/200	<b>AMI 21R</b> * = 200	<b>AMI 250</b> * = 140/170/200	
	<b>AMI 300</b> * = 200	<b>AMI 130</b> * = 200	<b>AMI 700</b> * = 200	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b> * = 140/170/200	<b>AMI 42C</b> * = 200	<b>AMI 12C</b> * = 200	

## ACCESSORI - OPZIONI LATO LEVA

### ACCESSORIES - OPTIONS ON LEVER SIDE

#### H19A

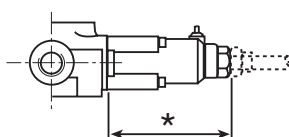
**Gruppo leva di azionamento a norme EMPI con sblocco a siringa**  
*Driving lever unit to EMPI standards with release by syringe*



<b>AMI 3</b> * = 204,5	<b>AMI 4</b> * = 204,5	<b>AMI 21R</b>	<b>AMI 250</b> * = 204,5
<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b> * = 204,5	<b>AMI 42C</b>	<b>AMI 12C</b>

#### H35

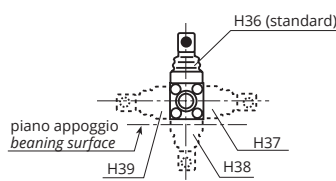
**Dispositivo con predisposizione telecomando in sostituzione al gruppo leva**  
*Device with remote control presetting to replace lever unit*



<b>AMI 3</b> * = 84	<b>AMI 4</b> * = 84	<b>AMI 21R</b> * = 102	<b>AMI 250</b> * = 84
<b>AMI 300</b> * = 102	<b>AMI 130</b> * = 102	<b>AMI 700</b> * = 122	<b>AMI 012</b> * = 78
<b>AMI 013</b> * = 78	<b>AMI 5C</b> * = 84	<b>AMI 42C</b> * = 122	<b>AMI 12C</b> * = 122

#### H36

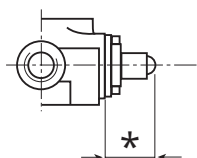
**Orientamento del gruppo leva**  
*Orientation of lever unit*



<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>
<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

#### H51

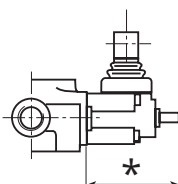
**Cursore con terminale sferico**  
*Spool with ball terminal*



<b>AMI 3</b> * = 35	<b>AMI 4</b> * = 35	<b>AMI 21R</b> * = 45	<b>AMI 250</b> * = 35
<b>AMI 300</b> * = 45	<b>AMI 130</b> * = 45	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

#### H61

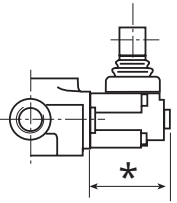
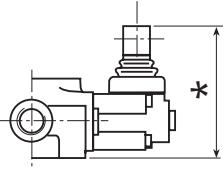

**Dispositivo con spintore meccanico per azionamento cursore (senza asta leva)**  
*Device with mechanical pusher for spool driving (without lever rod)*



<b>AMI 3</b> * = 72	<b>AMI 4</b> * = 72	<b>AMI 21R</b> * = 81	<b>AMI 250</b> * = 72
<b>AMI 300</b> * = 81	<b>AMI 130</b> * = 81	<b>AMI 700</b> * = 101	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b> * = 72	<b>AMI 42C</b> * = 101	<b>AMI 12C</b> * = 101


## ACCESSORI - OPZIONI LATO LEVA

### ACCESSORIES - OPTIONS ON LEVER SIDE

<b>R3</b>		<b>Gruppo leva azionamento cursore (senza asta leva)</b> <i>Lever spool driving unit (without lever rod)</i>			
	<b>AMI 3</b> * = 50	<b>AMI 4</b> * = 50	<b>AMI 21R</b> * = 64	<b>AMI 250</b> * = 50	
	<b>AMI 300</b> * = 64	<b>AMI 130</b> * = 64	<b>AMI 700</b> * = 84	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b> * = 50	<b>AMI 42C</b> * = 84	<b>AMI 12C</b> * = 84	
<b>R3/B</b>		<b>Gruppo leva azionamento cursore (senza asta leva) ribassato</b> <i>Low-lever spool driving unit (without lever rod)</i>			
	<b>AMI 3</b> * = 83	<b>AMI 4</b> * = 83	<b>AMI 21R</b> * = 93	<b>AMI 250</b> * = 83	
	<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b> * = 111	<b>AMI 42C</b>	<b>AMI 12C</b>	
<b>R4</b>		<b>Gruppo asta leva con impugnatura anatomica (standard)</b> <i>Lever rod unit with anatomic handle (standard)</i>			
<p><b>Peso asta leva</b> <i>Lever rod weight</i></p> <p>L.150 = 108 g L.200 = 132 g L.250 = 154 g L.300 = 178 g L.400 = 225 g L.500 = 273 g</p>  <p><b>Gruppo asta leva M 10 (standard) fornibile nelle lunghezze:</b> <i>Lever rod unit M 10 (standard), delivered in the following lengths:</i> <b>150-200-250-300-400-500</b></p>	<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>	
	<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>	
<b>R4/R</b>		<b>Gruppo asta leva con impugnatura anatomica rossa</b> <i>Lever rod unit with red anatomic handle</i>			
	<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>	
	<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>	
<b>R4/G</b>		<b>Gruppo asta leva con impugnatura anatomica gialla</b> <i>Lever rod unit with yellow anatomic handle</i>			
	<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>	
	<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>	
	<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>	

## ACCESSORI - OPZIONI LATO LEVA

### ACCESSORIES - OPTIONS ON LEVER SIDE

<b>R4/V</b>		<b>Gruppo asta leva con impugnatura anatomica verde</b> <i>Lever rod unit with green anatomic handle</i>			
		<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>
		<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>
<b>R6</b>		<b>Gruppo asta leva con impugnatura sferica</b> <i>Lever rod unit with ball handle</i>			
	 <p><b>Gruppo asta leva M 10 fornibile nelle lunghezze:</b> <i>Lever rod unit M 10 delivered in the following lengths:</i> <b>150-200-250-300-400-500</b></p>	<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>
		<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

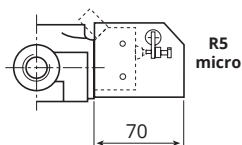
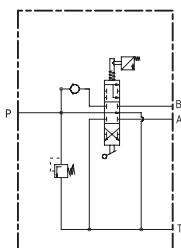


# ACCESSORI - OPZIONI LATO POSIZIONATORE

## ACCESSORIES - OPTIONS ON SPOOL DRIVE SIDE

### H1

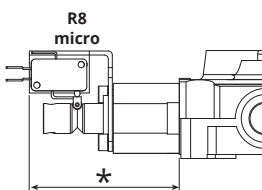
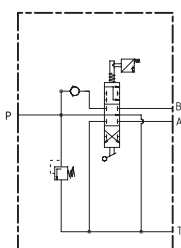
**Dispositivo azionamento MICRO-SWITCH (senza MICRO-SWITCH) adattabile a micro R5**  
*MICRO-SWITCH driving device (without MICRO-SWITCH) can be adjusted to micro R5*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H01F

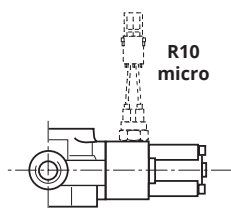
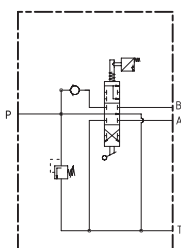
**Dispositivo azionamento MICRO-SWITCH (senza MICRO-SWITCH) adattabile a micro R8**  
*MICRO-SWITCH driving device (without MICRO-SWITCH) can be adjusted to micro R8*



AMI 3 * = 65	AMI 4 * = 65	AMI 21R * = 74	AMI 250 * = 65
AMI 300 * = 74	AMI 130 * = 74	AMI 700 * = 74	AMI 012
AMI 013	AMI 5C * = 65	AMI 42C * = 74	AMI 12C * = 74

### H2

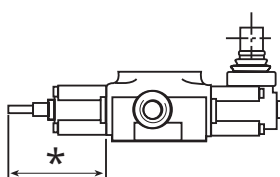
**Dispositivo azionamento MICRO A SFERA (senza Micro a sfera) adattabile a micro R10**  
*BALL MICRO-SWITCH (without Ball Micro-Switch) driving device can be adjusted to micro R10*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H5

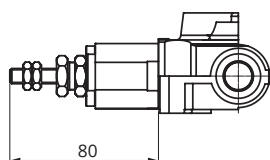
**Dispositivo per doppio azionamento del cursore: gruppo leva più terminale filettato M8 lato controllo**  
*Device for spool double driving: lever unit + M8 threaded terminal on drive side*



AMI 3 * = 68	AMI 4 * = 68	AMI 21R * = 85	AMI 250 * = 68
AMI 300 * = 85	AMI 130 * = 85	AMI 700 * = 85	AMI 012 * = 85
AMI 013 * = 85	AMI 5C * = 68	AMI 42C * = 85	AMI 12C * = 85

### H7

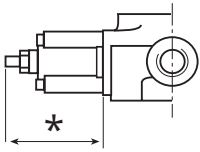
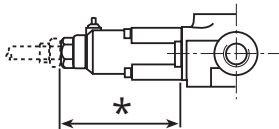
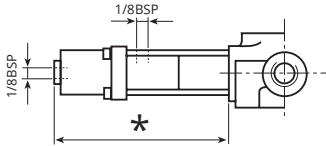
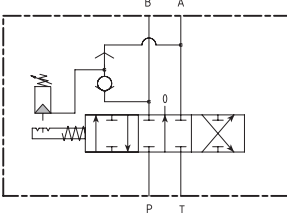
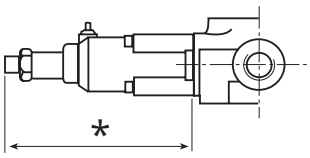
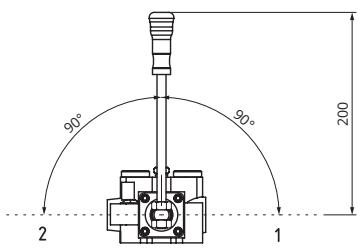
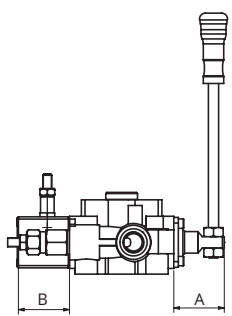
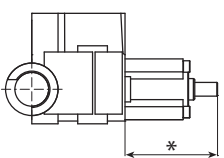
**Dispositivo con doppio limitatore di corsa lato controllo**  
*Device with twin stroke limiter on control side*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

# ACCESSORI - OPZIONI LATO POSIZIONATORE

## ACCESSORIES - OPTIONS ON SPOOL DRIVE SIDE

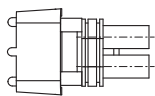
<b>H9</b>		<b>Dispositivo con limitatore di corsa nel gruppo controllo</b> <i>Device with stroke limiter in the drive unit</i>			
		<b>AMI 3</b> * = 54	<b>AMI 4</b> * = 54	<b>AMI 21R</b> * = 66	<b>AMI 250</b> * = 54
		<b>AMI 300</b> * = 66	<b>AMI 130</b> * = 66	<b>AMI 700</b> * = 66	<b>AMI 012</b>
		<b>AMI 013</b> * = 66	<b>AMI 5C</b> * = 54	<b>AMI 42C</b> * = 66	<b>AMI 12C</b> * = 66
<b>H34</b>		<b>Dispositivo con predisposizione telecomando lato controllo (controllo C1)</b> <i>Device with remote control presetting on drive side (drive C1)</i>			
		<b>AMI 3</b> * = 84	<b>AMI 4</b> * = 84	<b>AMI 21R</b> * = 102	<b>AMI 250</b> * = 84
		<b>AMI 300</b> * = 102	<b>AMI 130</b> * = 102	<b>AMI 700</b> * = 102	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b> * = 84	<b>AMI 42C</b> * = 102	<b>AMI 12C</b> * = 102
<b>H52</b>		<b>Dispositivo per azionamento pneumatico del cursore: gruppo leva e solo controllo cursore</b> <i>Device for spool pneumatic driving: lever unit and spool drive only</i>			
		<b>AMI 3</b> * = 120	<b>AMI 4</b> * = 120	<b>AMI 21R</b> * = 143	<b>AMI 250</b> * = 120
	<b>pneumatico 1/8" BSP</b> <i>pneumatic 1/8" BSP</i>	<b>AMI 300</b> * = 143	<b>AMI 130</b> * = 143	<b>AMI 700</b> * = 143	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b> * = 120	<b>AMI 42C</b> * = 143	<b>AMI 12C</b> * = 143
<b>H56</b>		<b>Dispositivo con sgancio automatico del cursore a fine corsa del martinetto</b> <i>Device with spool automatic release at cylinder end of stroke</i>			
		<b>AMI 3</b> * = 95	<b>AMI 4</b> * = 95	<b>AMI 21R</b> * = 132	<b>AMI 250</b> * = 95
		<b>AMI 300</b> * = 132	<b>AMI 130</b> * = 132	<b>AMI 700</b> * = 132	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b> * = 132	<b>AMI 12C</b> * = 132
<b>H57</b>		<b>Dispositivo per azionamento rotativo del cursore completo di asta leva R4 = 200</b> <i>Device for spool rotary driving complete with lever rod R4 = 200</i>			
		<b>AMI 3</b> A = 36 B = 67	<b>AMI 4</b> A = 36 B = 67	<b>AMI 21R</b> A = 44 B = 46	<b>AMI 250</b> A = 36 B = 67
		<b>AMI 300</b> A = 44 B = 46	<b>AMI 130</b> A = 44 B = 46	<b>AMI 700</b> A = 65 B = 46	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b> A = 36 B = 67	<b>AMI 42C</b> A = 65 B = 46	<b>AMI 12C</b> A = 65 B = 46
<b>H61A</b>		<b>Dispositivo con spintore meccanico per azionamento cursore (lato controllo)</b> <i>Device with mechanical pusher for spool driving (on spool drive side)</i>			
		<b>AMI 3</b> * = 55	<b>AMI 4</b> * = 55	<b>AMI 21R</b> * = 67	<b>AMI 250</b> * = 55
		<b>AMI 300</b> * = 67	<b>AMI 130</b> * = 67	<b>AMI 700</b> * = 67	<b>AMI 012</b>
		<b>AMI 013</b>	<b>AMI 5C</b> * = 55	<b>AMI 42C</b> * = 67	<b>AMI 12C</b> * = 67

## ACCESSORI - OPZIONI LATO POSIZIONATORE

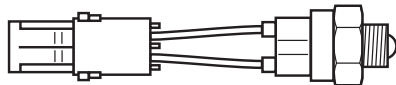
### ACCESSORIES - OPTIONS ON SPOOL DRIVE SIDE

#### R10

Micro a sfera  
Ball micro-switch



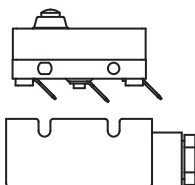
Connettore femmina fornibile solo su richiesta  
Female connector, available only on request



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

#### R5

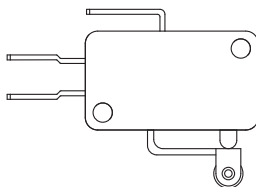
Micro-switch  
Micro-switch



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

#### R8

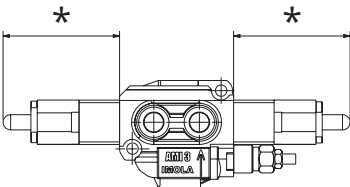
Micro-switch  
Micro-switch



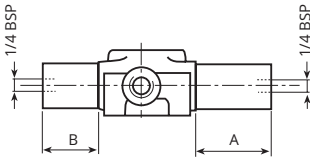
AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

# ACCESSORI - OPZIONI LATO LEVE E LATO POSIZIONATORE

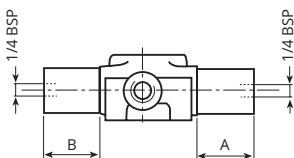
## ACCESSORIES - OPTIONS ON LEVER SIDE AND SPOOL DRIVE SIDE

<b>H20</b>		<b>Dispositivo per inversione automatica del cursore solo con controllo C14</b> <i>Automatic spool reversing device with C14 control only</i>			
		<b>AMI 3</b> * = 92	<b>AMI 4</b> * = 92	<b>AMI 21R</b> * = 113	<b>AMI 250</b> * = 92
		<b>AMI 300</b> * = 113	<b>AMI 130</b> * = 113	<b>AMI 700</b> * = 113	<b>AMI 012</b>
	<b>AMI 013</b>	<b>AMI 5C</b> * = 92	<b>AMI 42C</b> * = 113	<b>AMI 12C</b> * = 113	

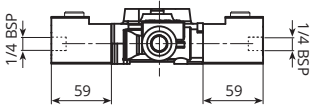
<b>H49 - H50</b>	<p><b>N.B.: Il corpo distributore deve essere predisposto.</b> <i>N.B.: The control valve body must be preset.</i></p>	<b>Dispositivo di trasformazione da doppio a semplice effetto su utilizzo A - B</b> <i>Conversion device from double- to single-acting on user A - B</i>			
		<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>
		<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
	<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>	

<b>H53</b>	 <p><b>Bocche pilotaggio idraulico 1/4" BSP</b> <i>Piloting outlets hydraulic 1/4" BSP</i></p>	<b>Dispositivo per azionamento idraulico del cursore</b> <i>Device for spool hydraulic driving</i>			
		<b>AMI 3*</b> A = 79 B = 79	<b>AMI 4*</b> A = 79 B = 79	<b>AMI 21R</b> A = 72 B = 53	<b>AMI 250*</b> A = 79 B = 79
		<b>AMI 300</b> A = 72 B = 53	<b>AMI 130</b> A = 72 B = 53	<b>AMI 700</b> A = 92 B = 53	<b>AMI 012</b>
	<b>AMI 013</b>	<b>AMI 5C</b> A = 79 B = 79	<b>AMI 42C</b> A = 92 B = 53	<b>AMI 12C</b> A = 92 B = 53	

\* N.B.: Il corpo distributore deve essere predisposto. / N.B.: The control valve body must be preset.

<b>H53S</b>	 <p><b>Bocche pilotaggio idraulico 1/4" BSP</b> <i>Piloting outlets hydraulic 1/4" BSP</i></p>	<b>Dispositivo per azionamento idraulico del cursore (si consiglia l'abbinamento con il cursore sensibile proporzionale tipo H25, la portata si riduce)</b> <i>Device for spool hydraulic driving (connection with the metered spool type H25 is recommended, the flow is reduced)</i>			
		<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b> A = 53 B = 53	<b>AMI 250</b>
		<b>AMI 300*</b> A = 53 B = 53	<b>AMI 130</b> A = 53 B = 53	<b>AMI 700</b> A = 53 B = 53	<b>AMI 012</b>
	<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b> A = 53 B = 53	<b>AMI 12C</b> A = 53 B = 53	

\* N.B.: Il corpo distributore deve essere predisposto. / N.B.: The control valve body must be preset.

<b>H53SM</b>	 <p><b>Bocche pilotaggio idraulico 1/4" BSP</b> <i>Piloting outlets hydraulic 1/4" BSP</i></p>	<b>Dispositivo per azionamento idraulico del cursore (si consiglia l'abbinamento con il cursore sensibile proporzionale tipo H25, la portata si riduce)</b> <i>Device for spool hydraulic driving (connection with the metered spool type H25 is recommended, the flow is reduced)</i>			
		<b>AMI 3*</b>	<b>AMI 4*</b>	<b>AMI 21R</b>	<b>AMI 250*</b>
		<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
	<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>	

\* N.B.: Il corpo distributore deve essere predisposto. / N.B.: The control valve body must be preset.

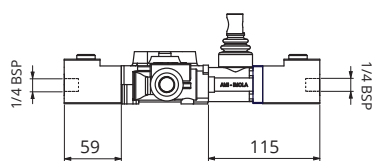
## ACCESSORI - OPZIONI LATO LEVE E LATO POSIZIONATORE

### ACCESSORIES - OPTIONS ON LEVER SIDE AND SPOOL DRIVE SIDE

# H53SC

Dispositivo per azionamento idraulico e manuale del cursore (si consiglia l'abbinamento con il cursore sensibile proporzionale tipo H25B, la portata si riduce)

Device for spool hydraulic and manual driving (connection with the metered spool type H25B is recommended, the flow is reduced)



Bocche pilotaggio idraulico 1/4" BSP  
Piloting outlets hydraulic 1/4" BSP

AMI 3*	AMI 4*	AMI 21R	AMI 250*
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

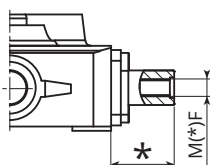
\* N.B.: Il corpo distributore deve essere predisposto. / N.B.: The control valve body must be preset.

# H83

Terminale cursore filettato (M6F, M8F, M10F)

Threaded spool terminal (M6F, M8F, M10F)

M\*F:  
M6F = filettatura M6 femmina/M6 female thread  
M8F = filettatura M8 femmina/M8 female thread  
M10F = filettatura M10 femmina/M10 female thread

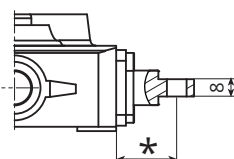


AMI 3 * = 19	AMI 4 * = 19	AMI 21R * = 21	AMI 250 * = 19
AMI 300 * = 21	AMI 130 * = 21	AMI 700 * = 40	AMI 012
AMI 013	AMI 5C * = 19	AMI 42C * = 40	AMI 12C * = 40

# H84

Terminale cursore predisposto per forcella 8 mm

Spool terminal fitted 8 mm fork

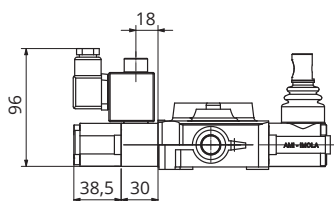


AMI 3 * = 28	AMI 4	AMI 21R	AMI 250 * = 28
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

# H90 - H91

Kit elettrico per blocco di sicurezza cursore (H90 12Vcc - H91 24Vcc)

Spool safety electric lock kit (H90 12Vdc - H91 24Vdc)

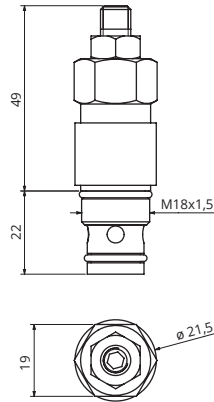


AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

**ACCESSORI - VALVOLE SECONDARIE**  
**ACCESSORIES - SECONDARY VALVES**

**Z6 - Z7**

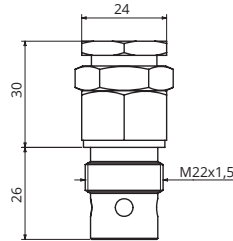
**Valvola di massima pressione e antiurto su utilizzo A (Z6) o su utilizzo B (Z7)**  
*Pressure relief and antishock valve on user A (Z6) or user B (Z7)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	<b>AMI 5C</b>	AMI 42C	AMI 12C

**Z6 - Z7**

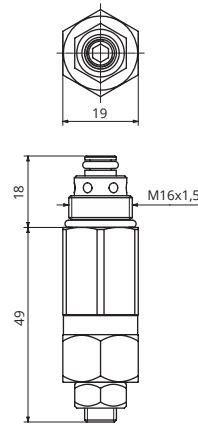
**Valvola di massima pressione e antiurto su utilizzo A (Z6) o su utilizzo B (Z7)**  
*Pressure relief and antishock valve on user A (Z6) or user B (Z7)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	<b>AMI 700</b>	AMI 012
AMI 013	AMI 5C	<b>AMI 42C</b>	<b>AMI 12C</b>

**Z6 - Z7**

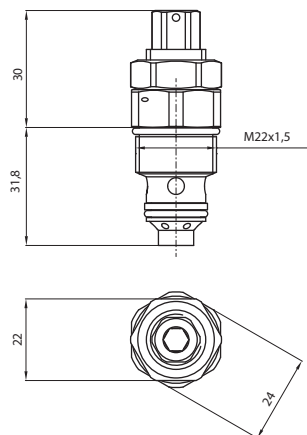
**Valvola di massima pressione e antiurto su utilizzo A (Z6) o su utilizzo B (Z7)**  
*Pressure relief and antishock valve on user A (Z6) or user B (Z7)*



AMI 3	AMI 4	<b>AMI 21R</b>	<b>AMI 250</b>
<b>AMI 300</b>	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

**Z6 - Z7**

**Valvola di massima pressione e antiurto su utilizzo A (Z6) o su utilizzo B (Z7)**  
*Pressure relief and antishock valve on user A (Z6) or user B (Z7)*



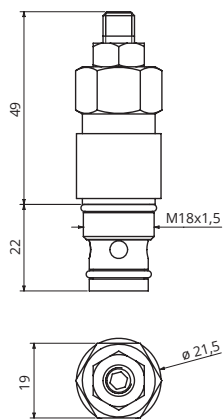
AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	<b>AMI 012</b>
<b>AMI 013</b>	AMI 5C	AMI 42C	AMI 12C

# ACCESSORI - VALVOLE SECONDARIE

## ACCESSORIES - SECONDARY VALVES

### Z48 - Z49

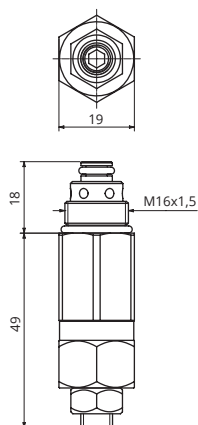
**Valvola di massima pressione e antiurto su utilizzo A (Z48) o su utilizzo B (Z49)**  
*Pressure relief and antishock valve on user A (Z48) or user B (Z49)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	<b>AMI 130</b>	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### Z50

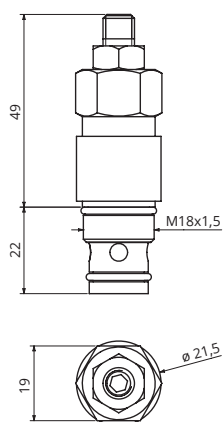
**Valvola di MAX PRESSIONE su utilizzo A + B**  
*PRESSURE RELIEF valve on user A + B*



AMI 3	AMI 4	AMI 21R	<b>AMI 250</b>
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### Z50

**Valvola di MAX PRESSIONE su utilizzo A + B**  
*PRESSURE RELIEF valve on user A + B*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	<b>AMI 130</b>	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

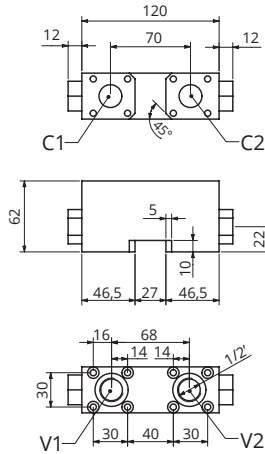
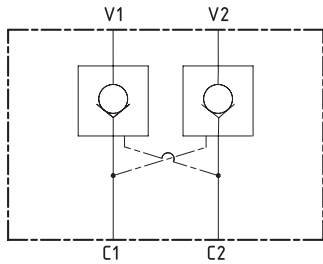
I dati nel presente catalogo non sono impegnativi e possono essere variati senza obbligo di preavviso  
 Any specification in this catalogue is not binding and can be modified without any notice

# ACCESSORI - VALVOLE SECONDARIE

## ACCESSORIES - SECONDARY VALVES

### Z16

**Valvola di blocco pilotata sui due utilizzi (flangiata)**  
*Piloted lock valve on both the users (flange-mounted)*



AMI 3	AMI 4	AMI 21R	AMI 250*
AMI 300*	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C
DB3C	DB3		

\* N.B.: Il corpo distributore deve essere predisposto. / N.B.: The control valve body must be preset.

### Z12

**Valvola di anti-cavitazione generale**  
*Main anti-cavitation valve*

AMI 3	AMI 4	AMI 21R	AMI 250 (solo/only AMI 256)
AMI 300 (solo/only AMI305/306)	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### Z8

**Valvola anti-cavitazione su utilizzo A**  
*Anti-cavitation valve on user A*

AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### Z9

**Valvola anti-cavitazione su utilizzo B**  
*Anti-cavitation valve on user B*

AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### Z15

**Valvola di blocco pilotata su utilizzo A (flangiata)**  
*Piloted lock valve on user A (flange-mounted)*

AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C



## ACCESSORI - VALVOLE SECONDARIE

### ACCESSORIES - SECONDARY VALVES

# Z24

**Valvola di blocco pilotata su utilizzo B (flangiata)**  
*Piloted lock valve on user B (flange-mounted)*

AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

# Z13

**Valvola di max pressione su utilizzo A - B con scarico incrociato**  
*Pressure relief valve on A - B users with cross return*

AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C
DB3C	DB3		

## ACCESSORI - PREDISPOSIZIONI

### ACCESSORIES - PRE-SETTINGS

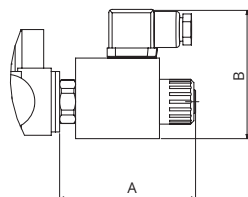
<b>H27</b>		<b>Entrata (P) scarico (T) parte inferiore a pannello</b> <i>Pressure line (P) return line (T) on body bottom fit on panel</i>			
		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H32</b>		<b>Utilizzi (A-B) parte inferiore a pannello</b> <i>Users (A-B) on body bottom fit on panel</i>			
		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H12</b>		<b>Predisposizione per montaggio valvole ausiliarie esterne</b> <i>Presetting for assembly of external auxiliary valves</i>			
		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H21</b>		<b>Predisposizione tappata sulla sezione per montaggio valvola limitatrice di pressione (Z50)</b> <i>Plugged presetting on the section for assembly of pressure relief valve (Z50)</i>			
		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C
<b>H22</b>		<b>Predisposizione tappata per montaggio valvole ausiliarie incorporate (Z6-Z7)</b> <i>Plugged presetting for assembly of built-in auxiliary valves (Z6-Z7)</i>			
		AMI 3	AMI 4	AMI 21R	AMI 250
		AMI 300	AMI 130	AMI 700	AMI 012
		AMI 013	AMI 5C	AMI 42C	AMI 12C

## ACCESSORI - COMANDI ELETTRICI

### ACCESSORIES - ELECTRIC CONTROLS

#### H70

**Dispositivo per azionamento elettrico (diretto) a 12Vcc completo di connettori per portate fino a 35 l/min**  
*12Vdc electric drive (direct) complete with connectors for flow rates up to 35 l/min*

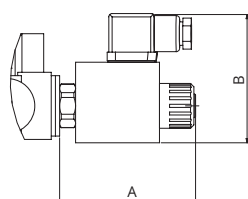


<b>AMI 3</b> A = 80 B = 79	<b>AMI 4</b> A = 80 B = 79	<b>AMI 21R</b> A = 80 B = 79	<b>AMI 250</b> A = 80 B = 79
<b>AMI 300</b> A = 100 B = 83	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

\*

#### H71

**Dispositivo per azionamento elettrico (diretto) a 24Vcc completo di connettori per portate fino a 35 l/min**  
*24Vdc electric drive (direct) complete with connectors for flow rates up to 35 l/min*

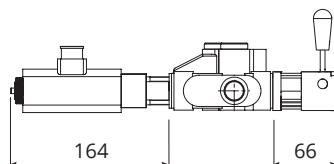


<b>AMI 3</b> A = 80 B = 79	<b>AMI 4</b> A = 80 B = 79	<b>AMI 21R</b> A = 80 B = 79	<b>AMI 250</b> A = 80 B = 79
<b>AMI 300</b> A = 100 B = 83	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

\*

#### H73R1

**Comando elettrico ON-OFF (PUSH-PULL) 12Vcc con comando manuale di emergenza, per portate fino a 35 l/min**  
*ON-OFF (PUSH PULL) 12Vdc electric control with emergency manual override, for flow rates up to 35 l/min*



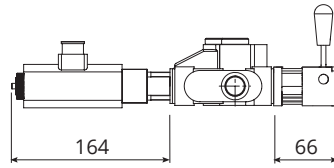
<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>
<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

\*

\* N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo / *The electromagnet application requires a special machining of the body*

## H74R1

**Comando elettrico ON-OFF (PUSH-PULL) 24Vcc con comando manuale di emergenza, per portate fino a 35 l/min**  
*ON-OFF (PUSH PULL) 12Vdc electric control with emergency manual override, for flow rates up to 35 l/min*

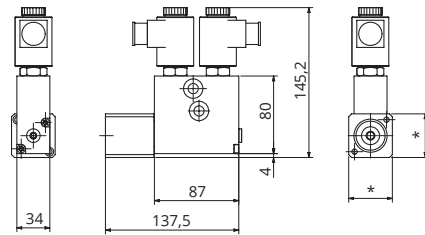
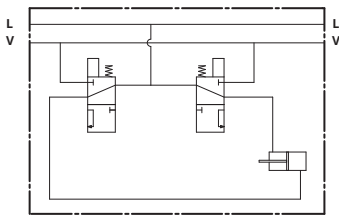


AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

\*

## H75 - H76

**Comando elettro-idraulico ON-OFF 12Vcc - 24Vcc**  
*Electro-hydraulic control ON-OFF 12Vdc - 24Vdc*

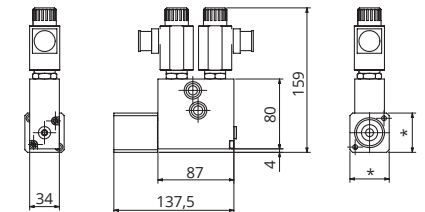
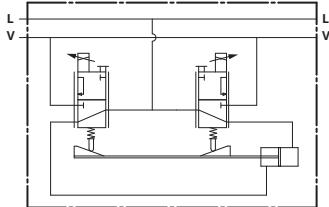


AMI 3 * = 34,5	AMI 4 * = 34,5	AMI 21R * = 44,5	AMI 250 * = 34,5
AMI 300 * = 44,5	AMI 130 * = 44,5	AMI 700 * = 44,5	AMI 012 * = 44,5
AMI 013 * = 44,5	AMI 5C * = 34,5	AMI 42C * = 44,5	AMI 12C * = 44,5

\*\*

## H77 - H78

**Comando elettro-idraulico proporzionale 12Vcc - 24Vcc (si consiglia l'abbinamento con il cursore sensibile proporzionale tipo H25); la portata si riduce**  
*Electro-hydraulic control proportional 12Vdc - 24Vdc (connection with the metered spool type H25 is recommended); the flow is reduced*



AMI 3 * = 34,5	AMI 4 * = 34,5	AMI 21R * = 44,5	AMI 250 * = 34,5
AMI 300 * = 44,5	AMI 130 * = 44,5	AMI 700 * = 44,5	AMI 012 * = 44,5
AMI 013 * = 44,5	AMI 5C * = 34,5	AMI 42C * = 44,5	AMI 12C * = 44,5

\*\*

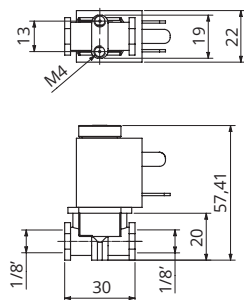
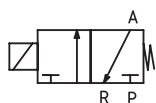
\* N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo / *The electromagnet application requires a special machining of the body*  
 \*\* N.B.: I comandi elettro-idraulici H75-H76-H77-H78 sono comprensivi di riduttrice di pressione flangiata. A richiesta possono essere forniti completi di kit di alimentazione con valvola di non ritorno tarata a 8 bar. Coppia di serraggio viti M5x90 ---> 0,8 -1 kg / *Electro-hydraulic controls H75-H76-H77-H78 include flange-mounted pressure reducer. They can, on request, be supplied complete with input kits with non-return valves calibrated at 8 bar. Tightening torque screws M5x90 ---> 0,8 -1 kg*

# ACCESSORI - OPZIONI SU COMANDI ELETTRICI

## ACCESSORIES - OPTIONS ON ELECTRIC CONTROLS

### H54 - H55

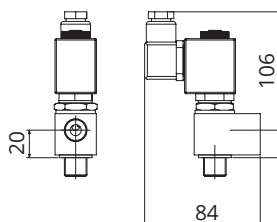
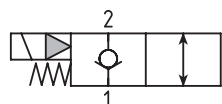
**Valvole elettropneumatiche 12V - 24V**  
*Electro-pneumatic valves 12Vdc - 24Vdc*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H66 - H67 H68 - H69

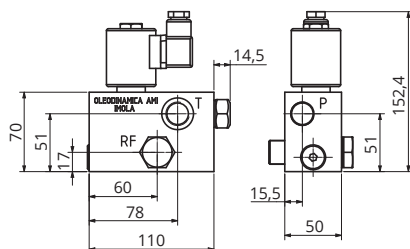
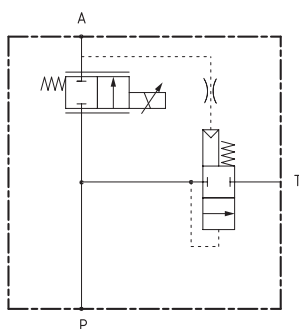
**Elettrovalvola 2 vie flangiabile su utilizzi A-B**  
**H66 (12Vcc) su utilizzo A - H67 (24Vcc) su utilizzo A - H68 (12Vcc) su utilizzo B - H69 (24Vcc) su utilizzo B**  
*2-Way solenoid valve suitable for flange-mounting on A-B users*  
*H66 (12Vcc) user A - H67 (24Vcc) user A - H68 (12Vcc) user B - H69 (24Vcc) user B*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### VPF

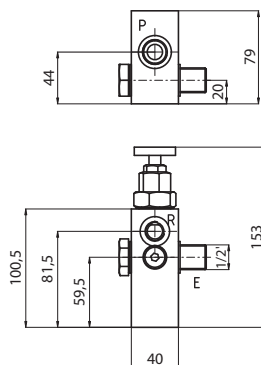
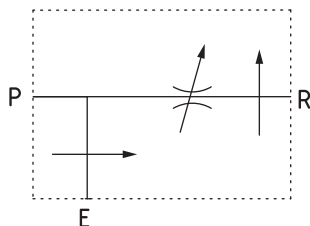
**Valvola proporzionale 12-24 Vcc flangiabile in ingresso sul distributore (vedi joystick a pag. E-19)**  
*12-24 Vdc proportional valve suitable for flange-mounting on control valve inlet (see joystick page E-19)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### VRF

**Blocco regolatore di flusso flangiabile in ingresso**  
*Flange-mounted flow regulator at inlet*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

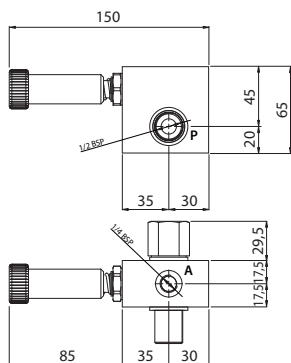
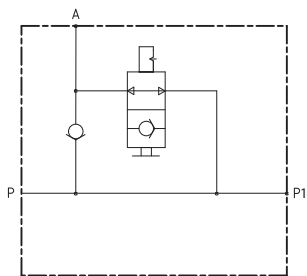
I dati nel presente catalogo non sono impegnativi e possono essere variati senza obbligo di preavviso  
 Any specification in this catalogue is not binding and can be modified without any notice

# ACCESSORI - OPZIONI SU COMANDI ELETTRICI

## ACCESSORIES - OPTIONS ON ELECTRIC CONTROLS

### VBT

**Valvola di blocco traversa flangiabile in ingresso sul distributore**  
*Traverse lock valve suitable for flange-mounting on control valve inlet*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

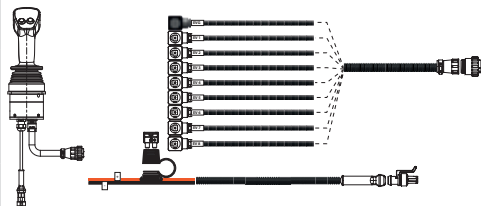
# ACCESSORI - COMANDI E RADIOCOMANDI PER DISTRIBUTORI ELETTRICI

## ACCESSORIES - CONTROLS AND REMOTE CONTROLS FOR ELECTRIC CONTROL VALVES

### JOYSTICK

**Joystick elettrico proporzionale per comandare da 1 a 8 bobine (dedicata a VPF vedi pag. E-17)**  
*Proportional electric joystick, control from 1 to 8 coils (VPF-dedicated, see page. E-17)*

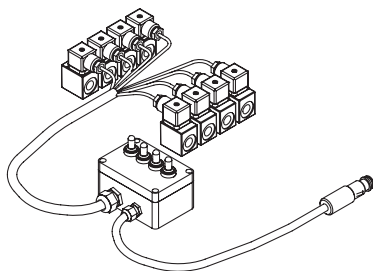
Vedi pagina F-5  
 See page F-5



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### COM...F

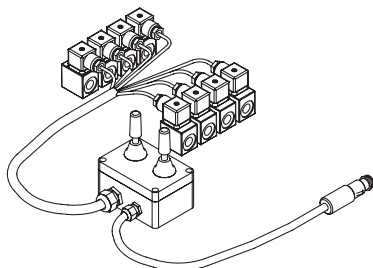
**Scatola comando per distributore elettrico ON-OFF fornibile da 1 a 6 levette**  
*Electric control valve ON-OFF control box, can be supplied with 1 to 6 levers*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### COM...J

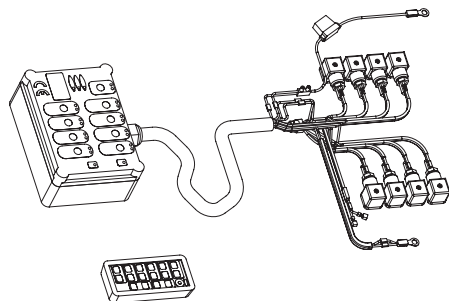
**Scatola con joystick per comando elettrico ON-OFF 12/24 Vcc**  
*Joystick box for 12/24 Vdc ON-OFF electric control*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### RXVE

**Radiocomando per distributore con comando elettrico ON-OFF completo di ricevitore e trasmettitore**  
*Control valve radio control with ON-OFF electrical control complete with receiver and transmitter*



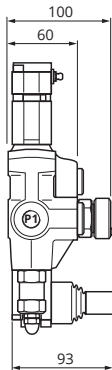
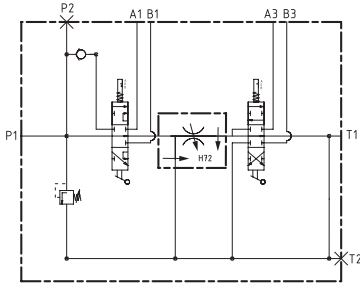
AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

# ACCESSORI - REGOLATORI DI FLUSSO

## ACCESSORIES - FLOW REGULATORS

### H72

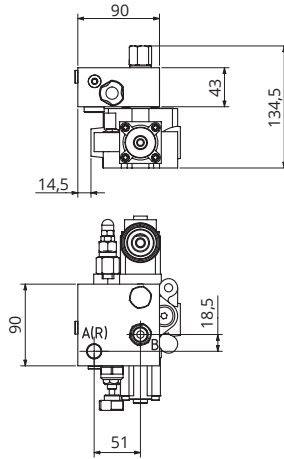
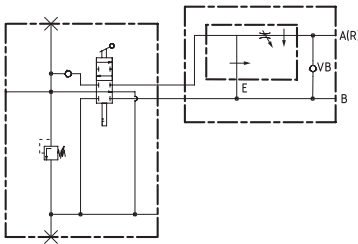
Versione con divisore di flusso a sottrazione (n.b.: portata max in ingresso 40 l/min)  
Version with withdrawal flow regulator (n.b.: max. inlet flow rate 40 l/min)



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H72A

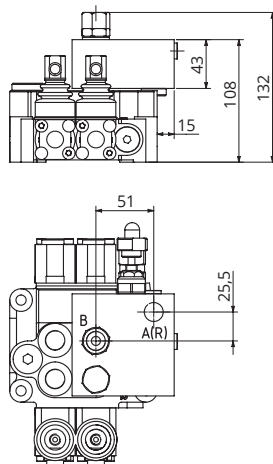
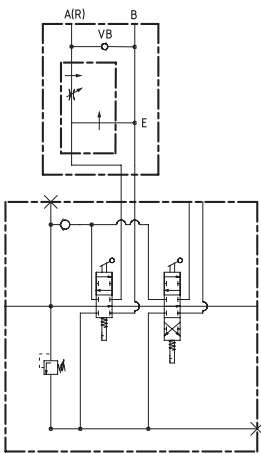
Blocco regolatore antibloccaggio flangiato parte superiore, reversibile lato "P" o lato "T" (n.b.: portata max in ingresso 30 l/min)  
Anti-locking regulator block flange-mounted on the top, reversible on "P" or "T" side (n.b.: max. inlet flow rate 30 l/min)



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H72A

Blocco regolatore antibloccaggio flangiato parte superiore, reversibile lato "P" o lato "T" (n.b.: portata max in ingresso 30 l/min)  
Anti-locking regulator block flange-mounted on the top, reversible on "P" or "T" side (n.b.: max. inlet flow rate 30 l/min)



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

A(R): Utilizzo A regolato / Adjusted User A  
E: Eccedenza / Excess  
VB: Valvola antibloccaggio / Anti-locking valve

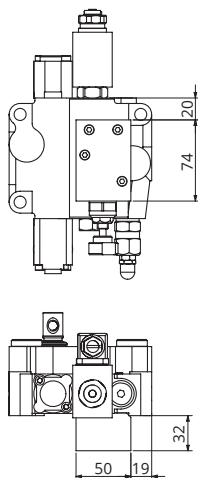
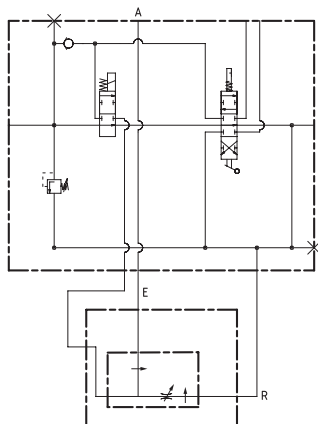


# ACCESSORI - REGOLATORI DI FLUSSO

## ACCESSORIES - FLOW REGULATORS

### H72B

**Blocco regolatore flangiato parte inferiore (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block flange-mounted on the bottom (n.b.: max. inlet flow rate 30 l/min)*



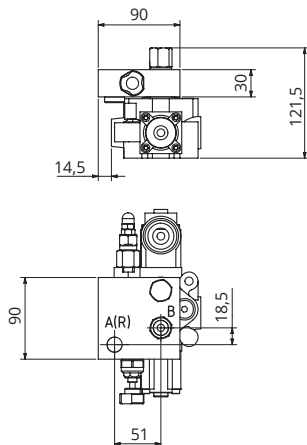
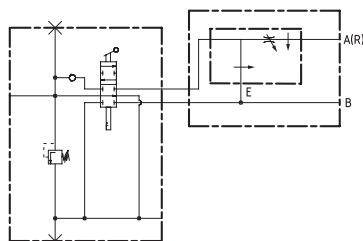
AMI 3      AMI 4      AMI 21R      **AMI 250**

AMI 300      AMI 130      AMI 700      AMI 012

AMI 013      AMI 5C      AMI 42C      AMI 12C

### H72C

**Blocco regolatore flangiato parte superiore, reversibile lato "P" o lato "T" (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block flange-mounted on the top, reversible on "P" or "T" side (n.b.: max. inlet flow rate 30 l/min)*



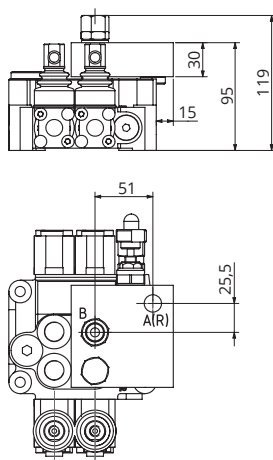
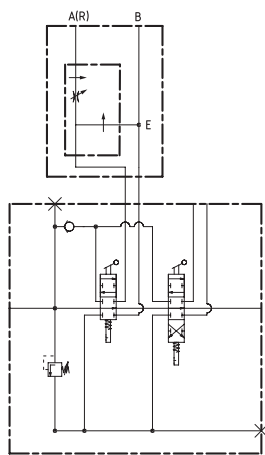
AMI 3      AMI 4      **AMI 21R**      AMI 250

AMI 300      AMI 130      AMI 700      AMI 012

AMI 013      AMI 5C      AMI 42C      AMI 12C

### H72C

**Blocco regolatore flangiato parte superiore, reversibile lato "P" o lato "T" (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block flange-mounted on the top, reversible on "P" or "T" side (n.b.: max. inlet flow rate 30 l/min)*



AMI 3      AMI 4      AMI 21R      **AMI 250**

AMI 300      AMI 130      AMI 700      AMI 012

AMI 013      AMI 5C      AMI 42C      AMI 12C

**R: Regolato / Adjusted**

**A(R): Utilizzo A regolato / Adjusted User A**

**E: Eccedenza / Excess**

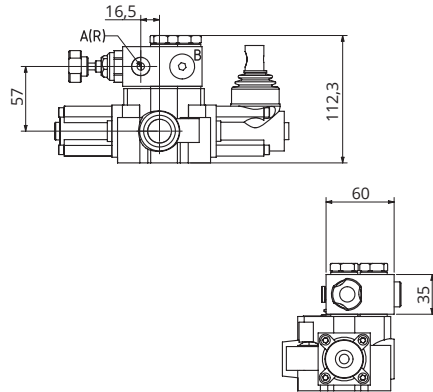
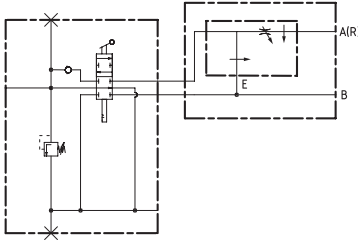
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# ACCESSORI - REGOLATORI DI FLUSSO

## ACCESSORIES - FLOW REGULATORS

### H72D

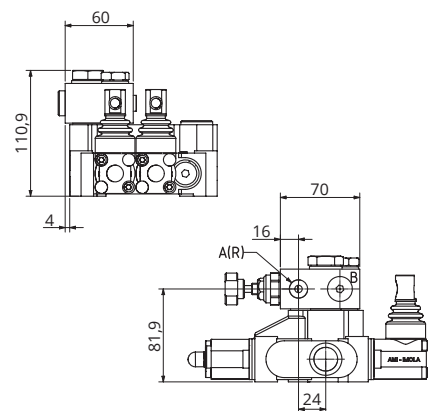
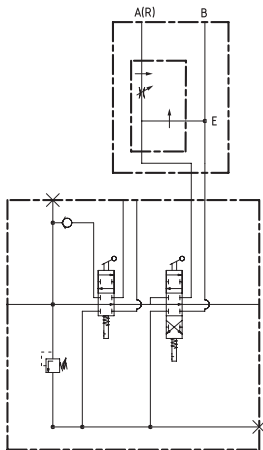
**Blocco regolatore flangiato parte superiore lato "T" (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block flange-mounted on the top on "T" side (n.b.: max. inlet flow rate 30 l/min)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H72D

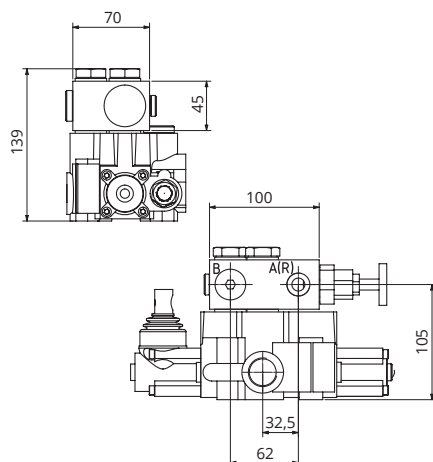
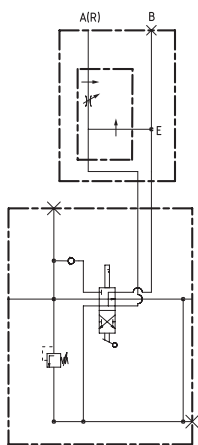
**Blocco regolatore flangiato parte superiore lato "T" (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block flange-mounted on the top on "T" side (n.b.: max. inlet flow rate 30 l/min)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

### H72D

**Blocco regolatore flangiato parte superiore lato "T" (n.b.: portata max in ingresso 50 l/min)**  
*Regulator block flange-mounted on the top on "T" side (n.b.: max. inlet flow rate 50 l/min)*



AMI 3	AMI 4	AMI 21R	AMI 250
AMI 300	AMI 130	AMI 700	AMI 012
AMI 013	AMI 5C	AMI 42C	AMI 12C

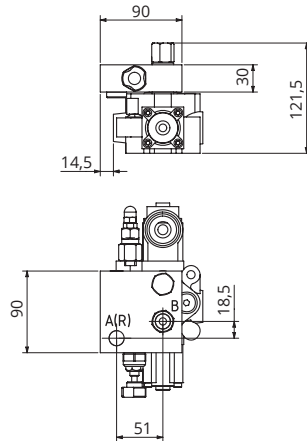
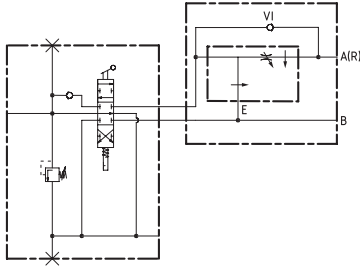
A(R): Utilizzo A regolato / Adjusted User A  
 E: Eccedenza / Excess

# ACCESSORI - REGOLATORI DI FLUSSO

## ACCESSORIES - FLOW REGULATORS

### H721

**Blocco regolatore con inversione flangiato parte superiore reversibile lato P o lato T (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block with reversal function, flange mounting in top part, reversible side P or side T (n.b.: max. inlet flow rate 30 l/min)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

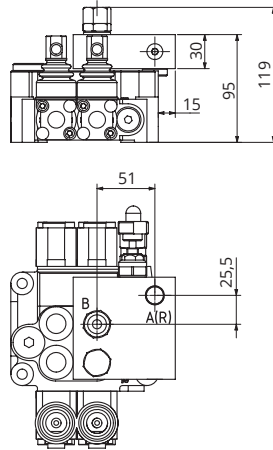
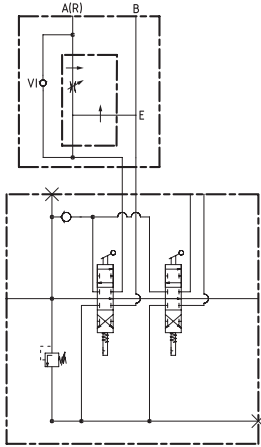
AMI 5C

AMI 42C

AMI 12C

### H721

**Blocco regolatore con inversione flangiato parte superiore reversibile lato P o lato T (n.b.: portata max in ingresso 30 l/min)**  
*Regulator block with reversal function, flange mounting in top part, reversible side P or side T (n.b.: max. inlet flow rate 30 l/min)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

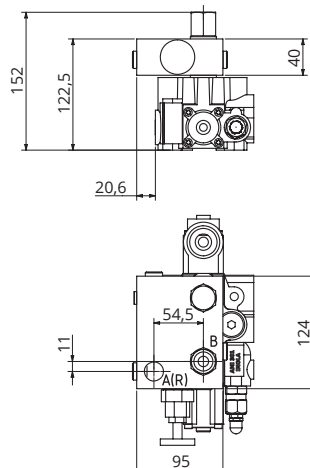
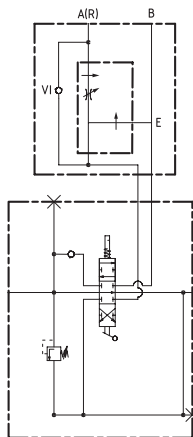
AMI 5C

AMI 42C

AMI 12C

### H721

**Blocco regolatore con inversione flangiato parte superiore reversibile lato P o lato T (n.b.: portata max in ingresso 50 l/min)**  
*Regulator block with reversal function, flange mounting in top part, reversible side P or side T (n.b.: max. inlet flow rate 50 l/min)*



AMI 3

AMI 4

AMI 21R

AMI 250

AMI 300

AMI 130

AMI 700

AMI 012

AMI 013

AMI 5C

AMI 42C

AMI 12C

**A(R): Utilizzo A regolato / Adjusted User A**  
**E: Eccedenza / Excess**  
**VI: Valvola inversione / Reversing Valve**

OLEODINAMICA

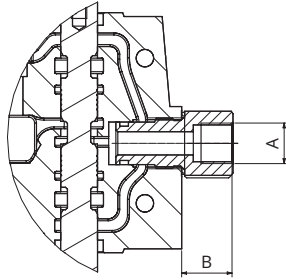
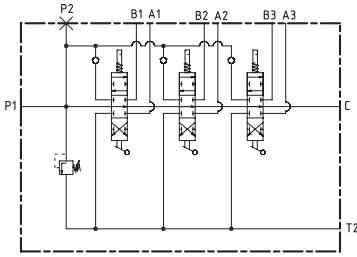


# ACCESSORI - OPZIONI SULLO SCARICO

## ACCESSORIES - OPTIONS ON RETURN SIDE

### H10

**Raccordo per la continuazione della linea di pressione (CARRY-OVER)**  
*Presetting for pressure line carry-over*



<b>AMI 3</b>	<b>AMI 4</b> A = 1/2" BSP B = 24	<b>AMI 21R</b> A = 1/2" BSP B = 24	<b>AMI 250</b> A = 1/2" BSP B = 24
<b>AMI 300</b> A = 1/2" BSP B = 24	<b>AMI 130</b> A = 1" BSP B = 35	<b>AMI 700</b> A = 1" BSP B = 35	<b>AMI 012</b>
<b>AMI 013</b> A = 3/4" BSP B = 27	<b>AMI 5C</b> A = 1/2" BSP	<b>AMI 42C</b> A = 1/2" BSP B = 24	<b>AMI 12C</b> A = 1" BSP

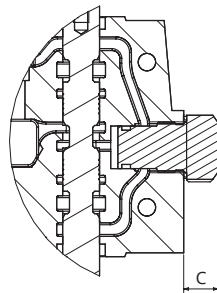
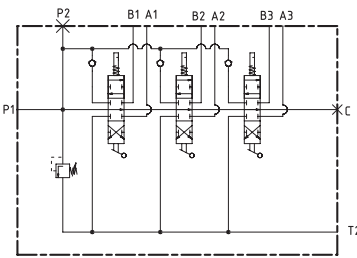
### STC

**Predisposizione tappata per CARRY OVER. A richiesta per serie AMI4 e AMI250**  
**Standard per serie AMI21R-300-130-700-013-5C-42C-12C utilizzando scarico laterale + H10**  
*Plugged presetting for CARRY-OVER. On request for AMI4 and AMI250 series*  
*Standard for AMI21R-300-130-700-013-5C-42C-12C series using side return + H10*

<b>AMI 3</b>	<b>AMI 4</b>	<b>AMI 21R</b>	<b>AMI 250</b>
<b>AMI 300</b>	<b>AMI 130</b>	<b>AMI 700</b>	<b>AMI 012</b>
<b>AMI 013</b>	<b>AMI 5C</b>	<b>AMI 42C</b>	<b>AMI 12C</b>

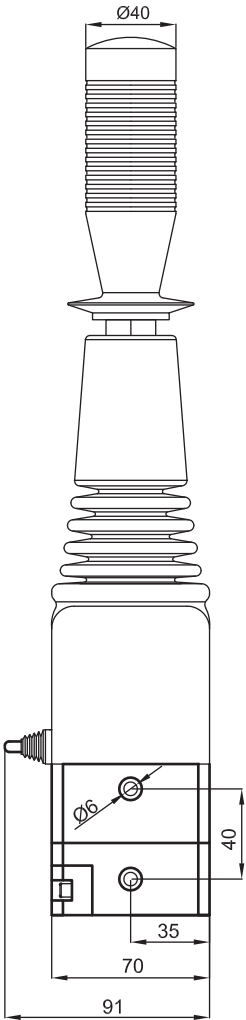
### H10C

**Tappo centro chiuso**  
*Closed centre plug*

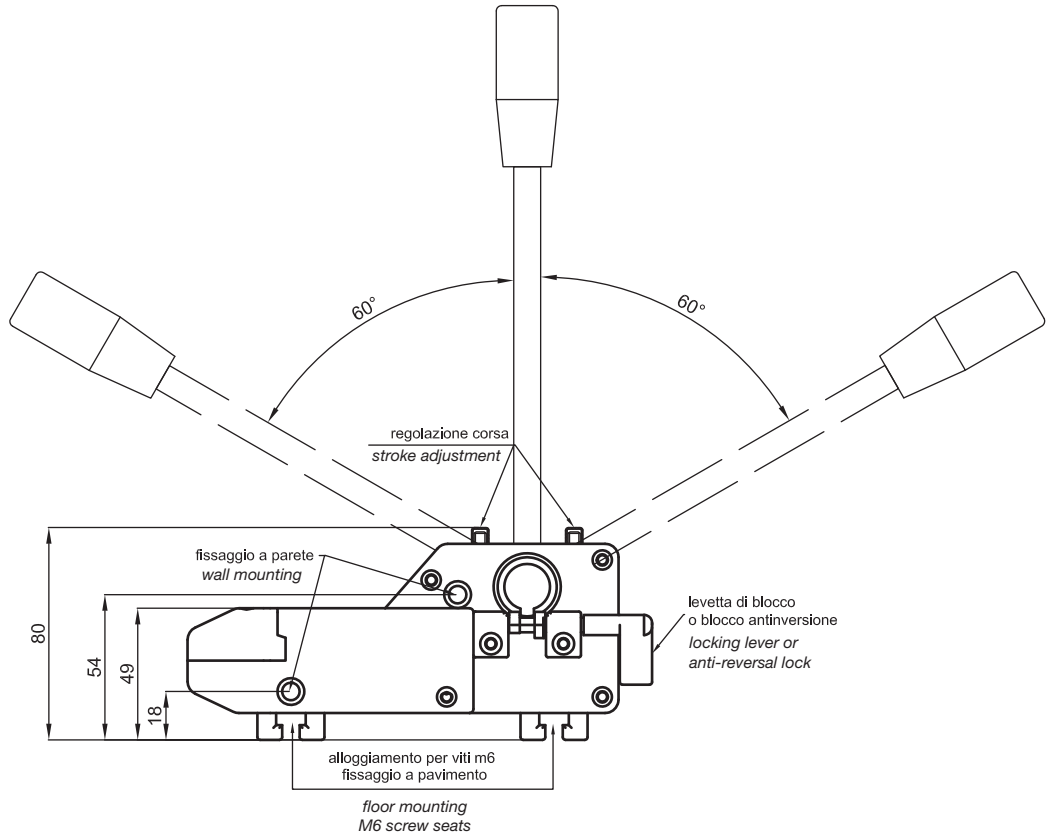
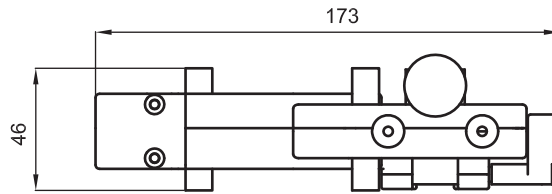


<b>AMI 3</b>	<b>AMI 4</b> C = 10	<b>AMI 21R</b> C = 10	<b>AMI 250</b> C = 10
<b>AMI 300</b> C = 10	<b>AMI 130</b> C = 12	<b>AMI 700</b> C = 12	<b>AMI 012</b>
<b>AMI 013</b> C = 12	<b>AMI 5C</b>	<b>AMI 42C</b> C = 10	<b>AMI 12C</b>

**COMANDO JOYSTICK (S)**  
**JOYSTICK CONTROL**

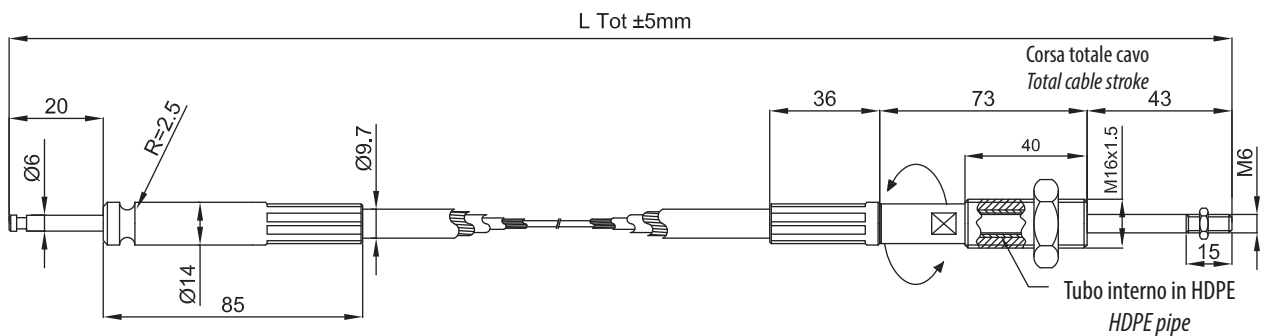


**COMANDO C.D.F.(S)**  
**C.D.F.(S) CONTROL**



C.D.F.(S) fornibile anche con blocco centrale e blocco antinversione  
 C.D.F.(S) also available with centre block and reversal-preventing block

**CAVO C.M.F.(S) PER C.D.F.(S)/JOYSTICK**  
**CABLE C.M.F.(S) FOR C.D.F.(S)/JOYSTICK**

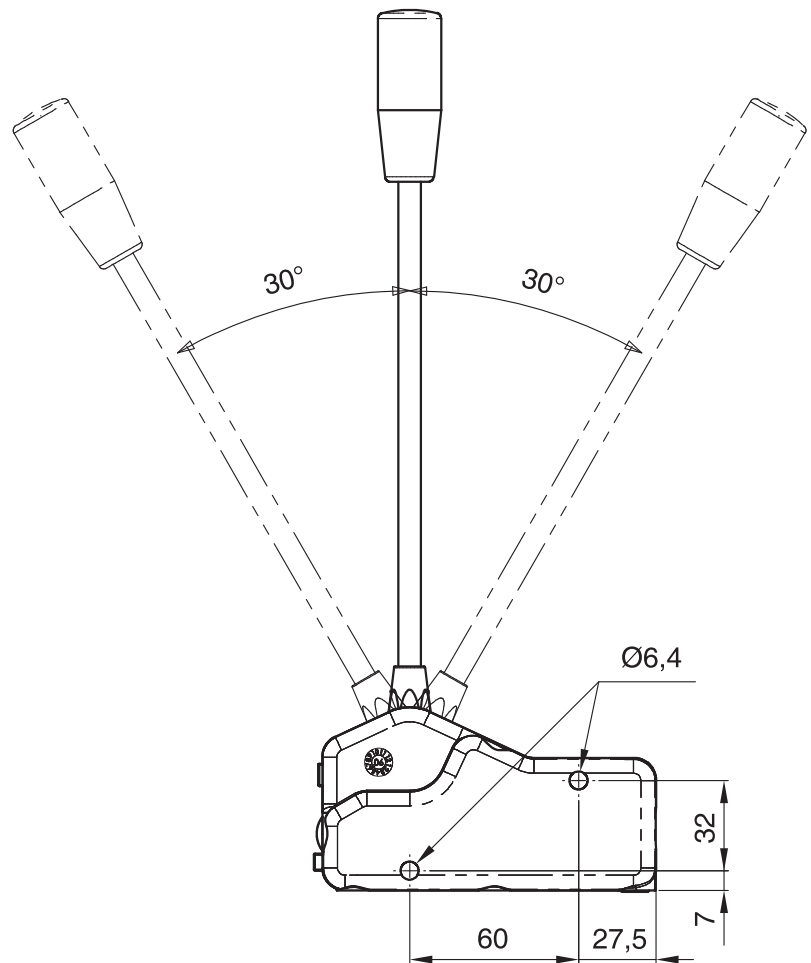
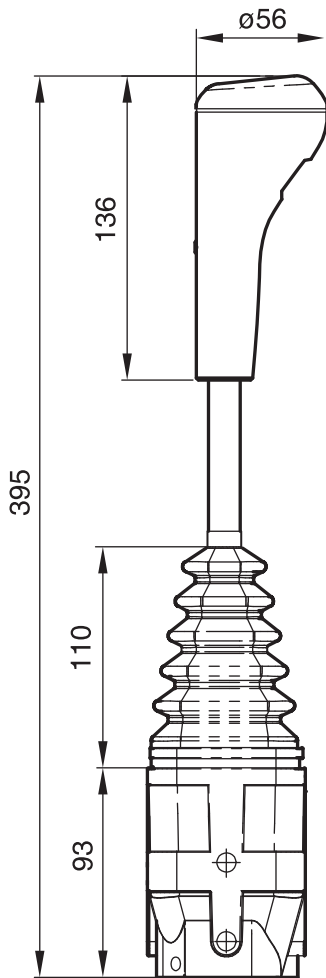


Cavo C.M.F.(S) fornibile da 500mm a 7000mm  
 C.M.F.(S) Cable supplied in the lengths 500mm to 7000mm

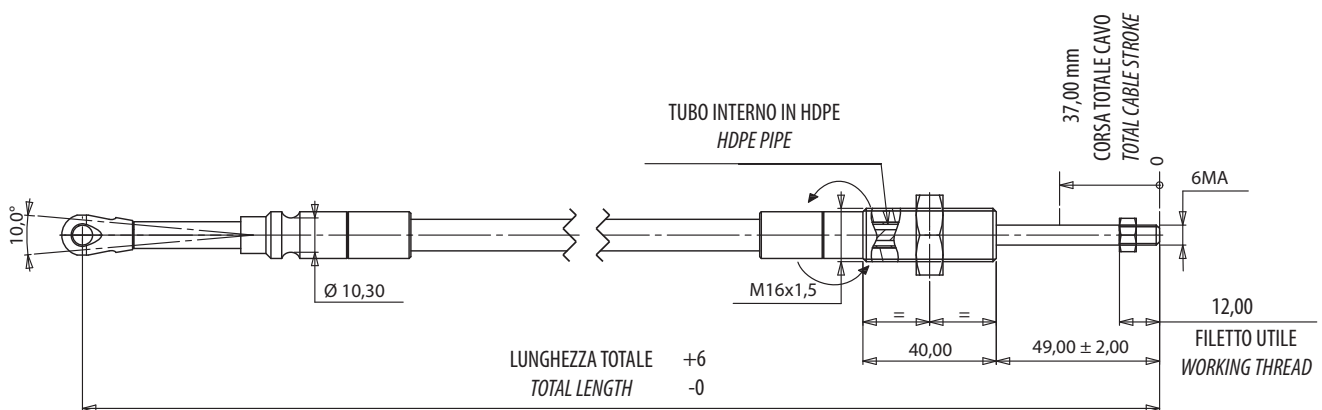
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COMANDO JOYSTICK (I)  
 JOYSTICK CONTROL

COMANDO C.D.F.(I)  
 C.D.F. (I) CONTROL



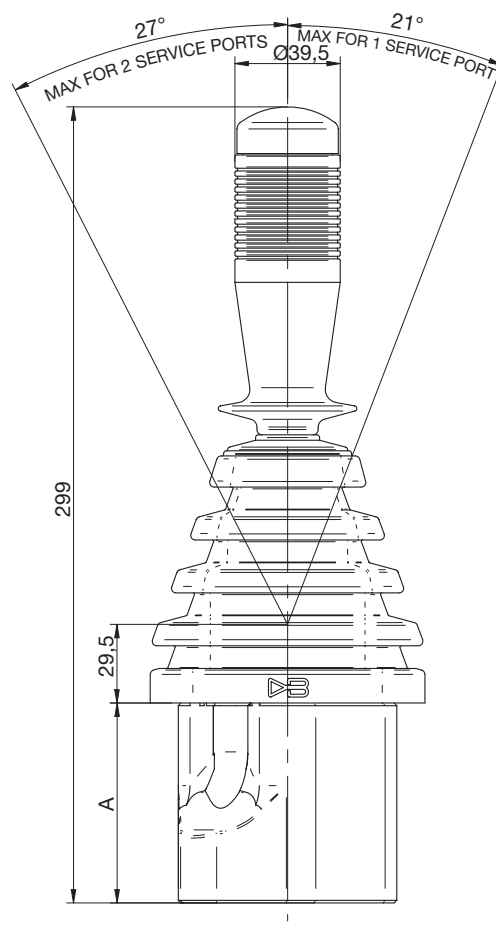
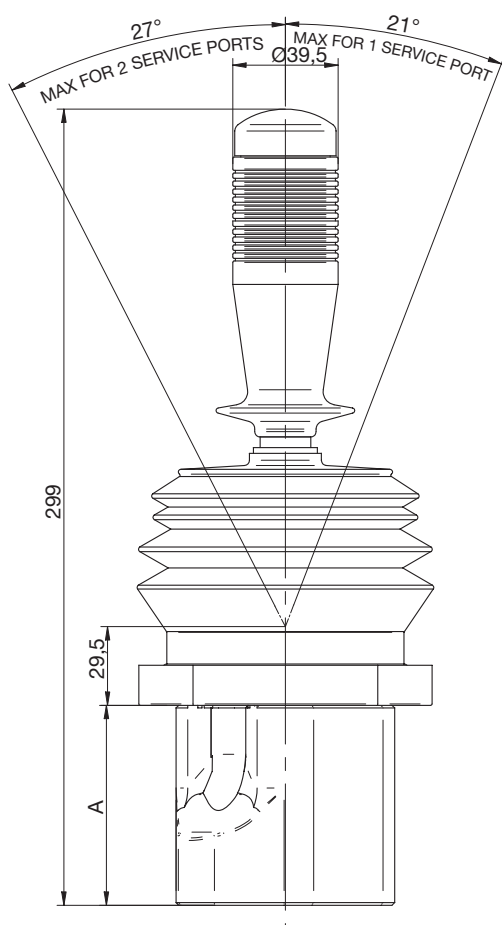
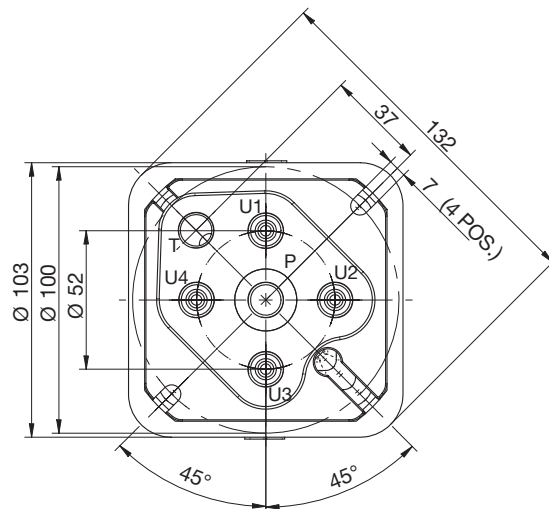
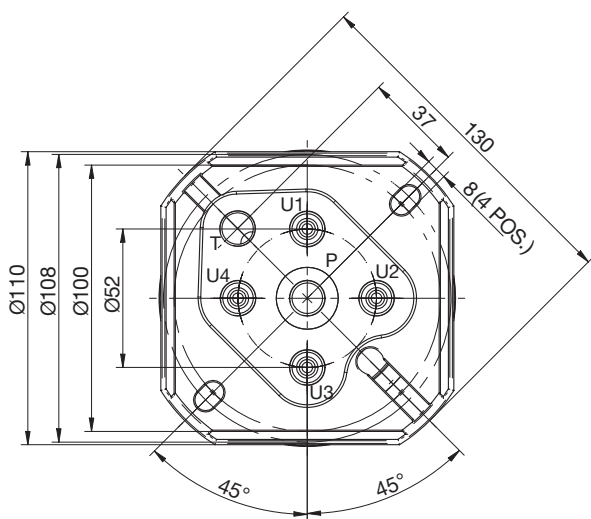
CAVO C.M.F. PER C.D.F.(I)/JOYSTICK  
 C.M.F. CABLE FOR C.D.F.(I)/JOYSTICK



Cavo C.M.F. fornibile da 500mm a 7000mm  
 C.M.F. Cable supplied in the lengths 500mm to 7000mm

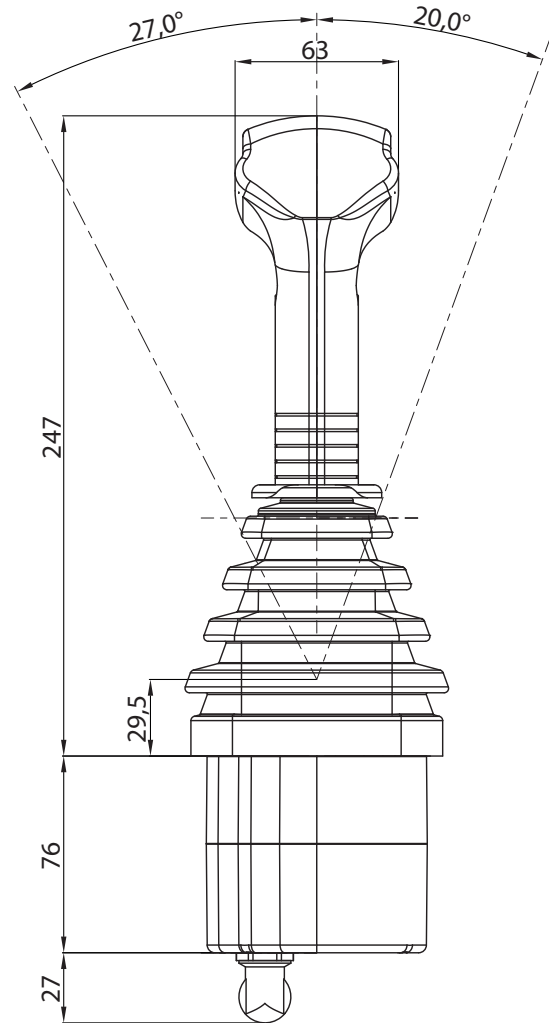
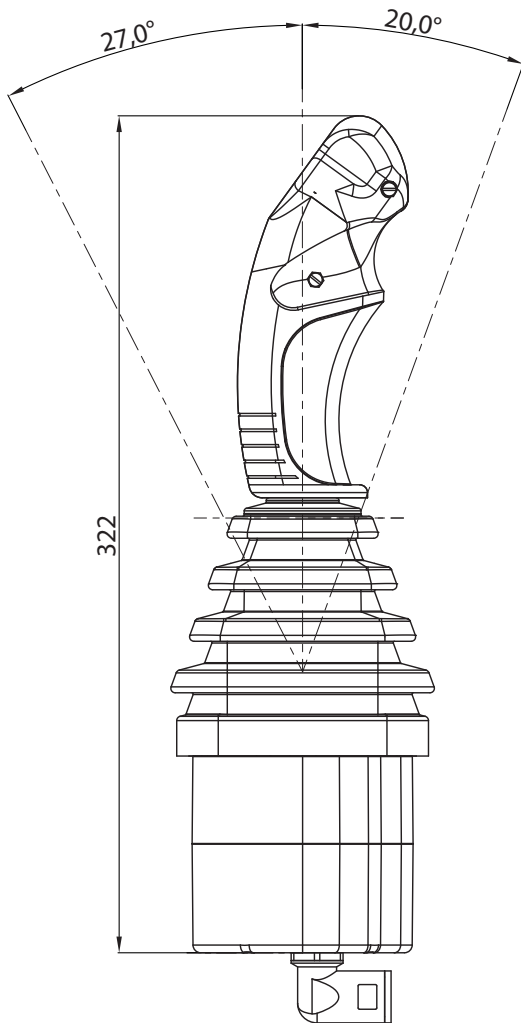
**JOYSTICK DOPPIO ASSE A COMANDO IDRAULICO**  
**TWIN AXIS HYDRAULIC PILOT CONTROL**

**J-IDR-STD**

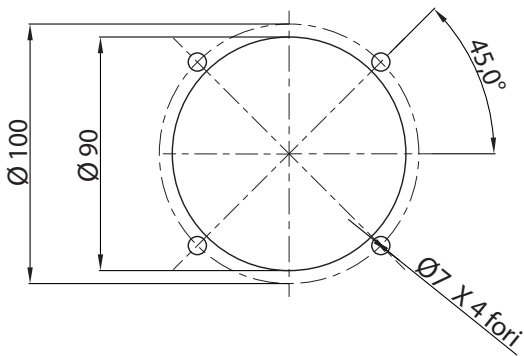


A = 75 mm 1/4" BSP PORTS  
 A = 82 mm 9/16" SAE6 PORTS

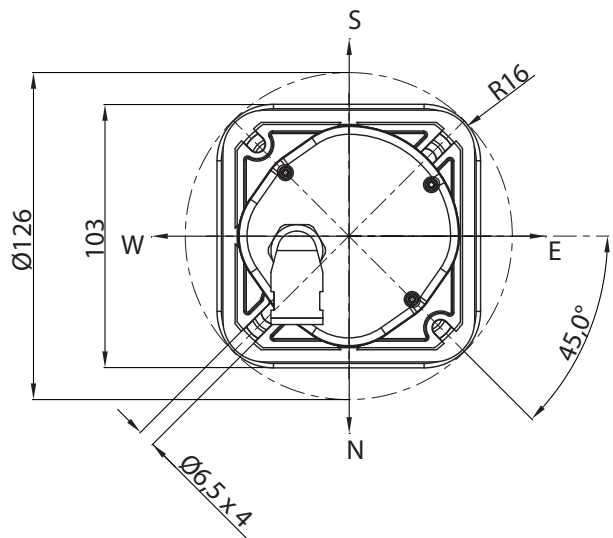
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 Any specification in this catalogue is not binding and can be modified without any notice.



MOVIMENTI COMBINATI (N+E; N+W;; S+E; S+W;)  
 COMBINED MOVEMENTS (N+E; N+W;; S+E; S+W;)



FORI DI FISSAGGIO  
 FIXING HOLES

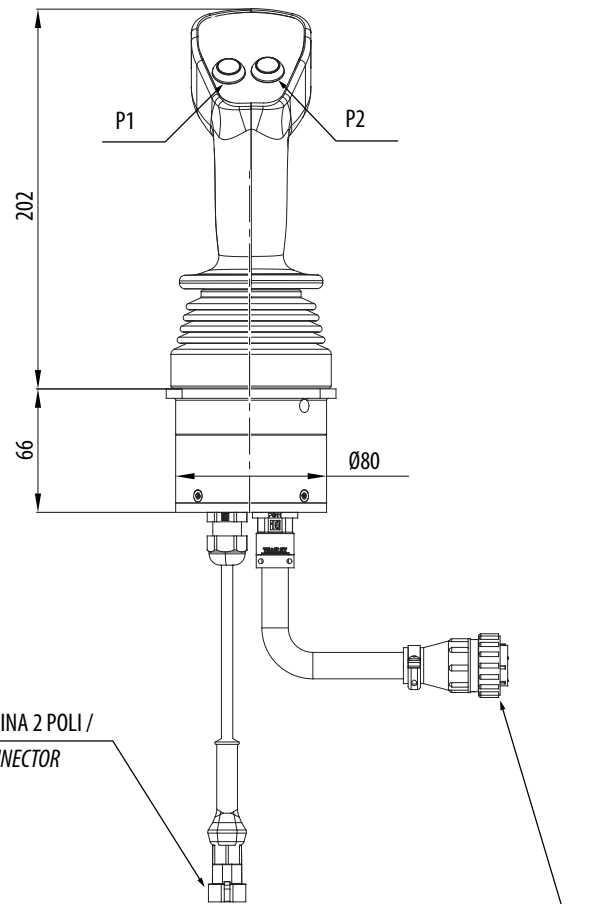
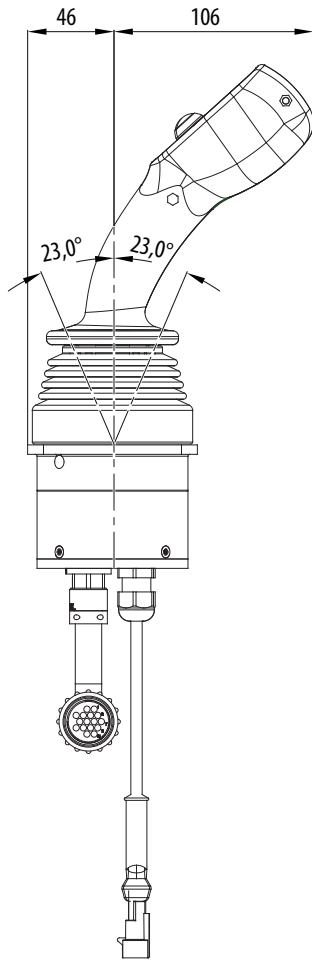




# JOYSTICK DOPPIO ASSE ELETTRICO PROPORZIONALE

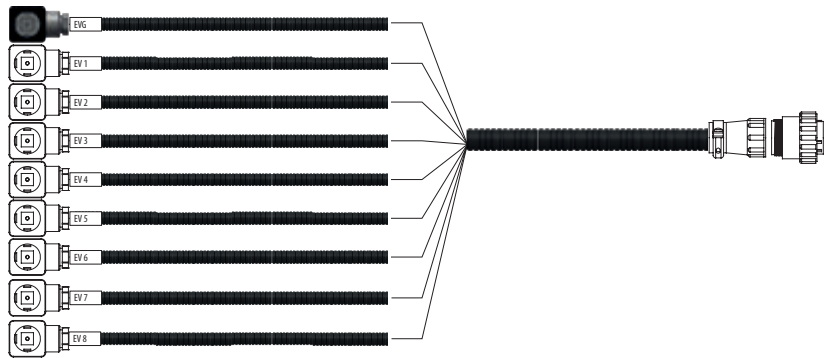
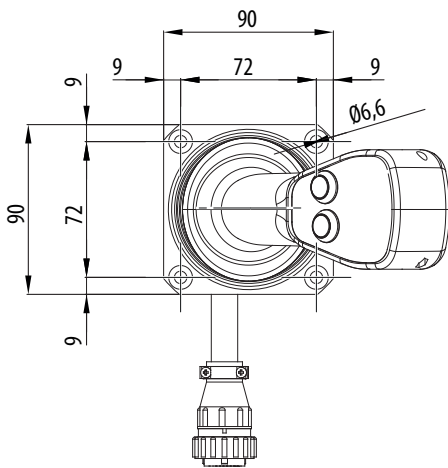
## PROPORTIONAL TWIN AXIS ELECTRIC JOYSTICK

J-PROP...



CONNETTORE STAGNO FEMMINA 2 POLI /  
2 POLES SEALED FEMALE CONNECTOR

CONNETTORE CPC 14 POLI CON GHIERA /  
14 POLES CPC CONNECTOR WITH NUT



LUNGHEZZA CABLAGGIO L=4500mm / CABLING LENGTH L=4500mm



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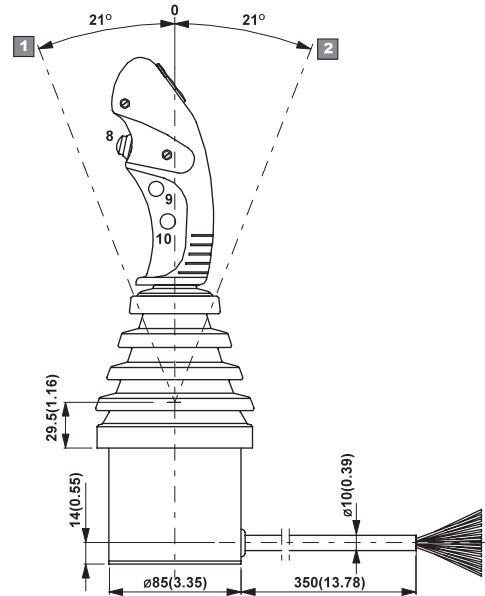
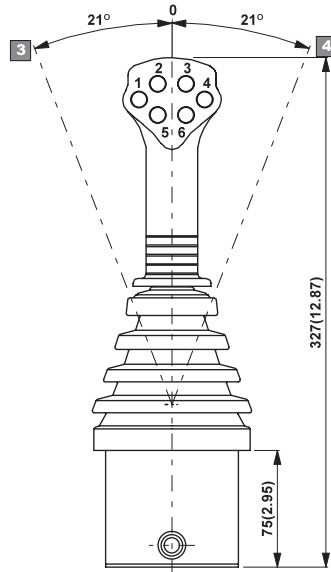
DEDICATO ALLA VPF, VEDI PAG. E-17  
VPF-DEDICATED, SEE PAGE. E-17

# JOYSTICK DOPPIO ASSE ELETTRICO ON - OFF

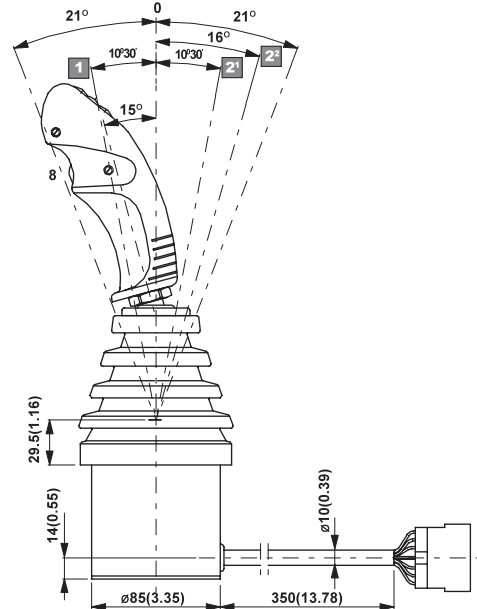
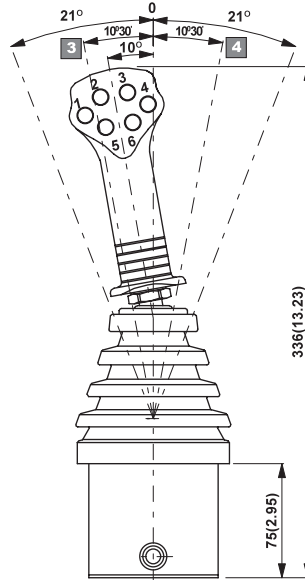
## TWIN AXIS ON - OFF ELECTRIC JOYSTICK

J-ON-OFF

Joystick: TIPO DI IMPUGNATURA  
Joystick: Type Handle

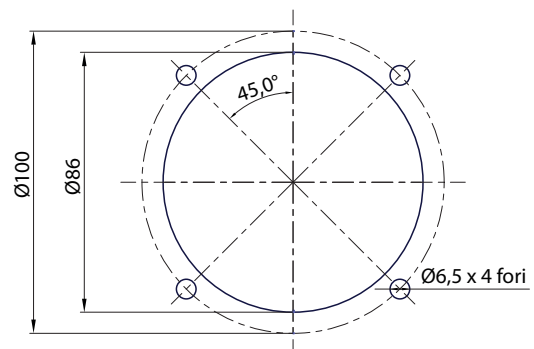
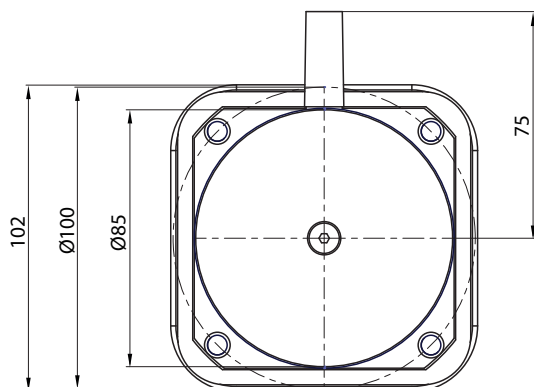


Joystick: TIPO DI IMPUGNATURA INCLINATA  
Joystick: Type Handle - angled



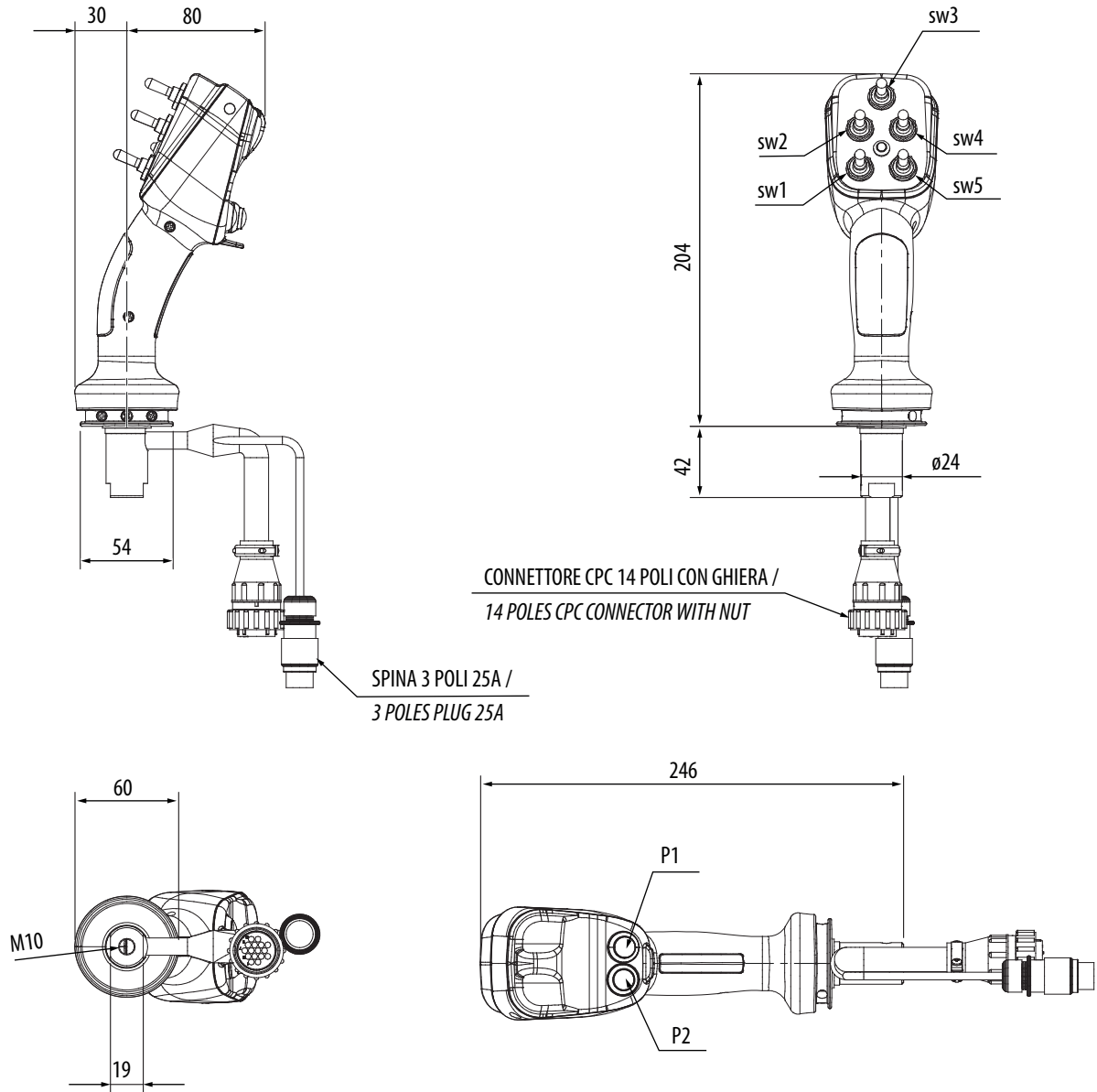
### QUOTE DI INGOMBRO E FISSAGGIO

### DIMENSIONS AND FIXING

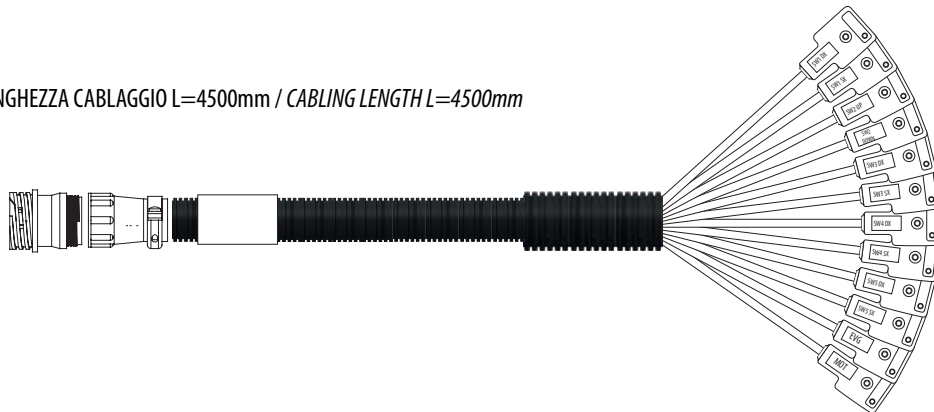


# KIT IMPUGNATURA PER APPLICAZIONI ELETTRICHE ON-OFF

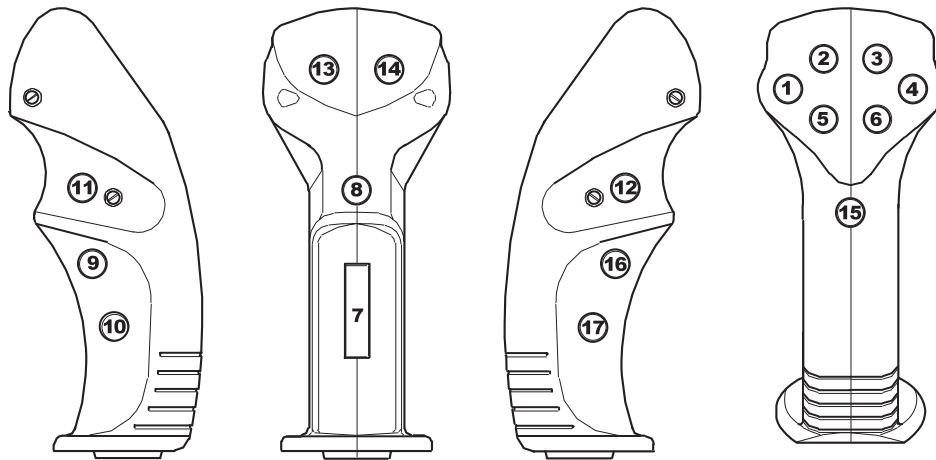
## HANDLE KIT FOR ELECTRICAL APPLICATIONS



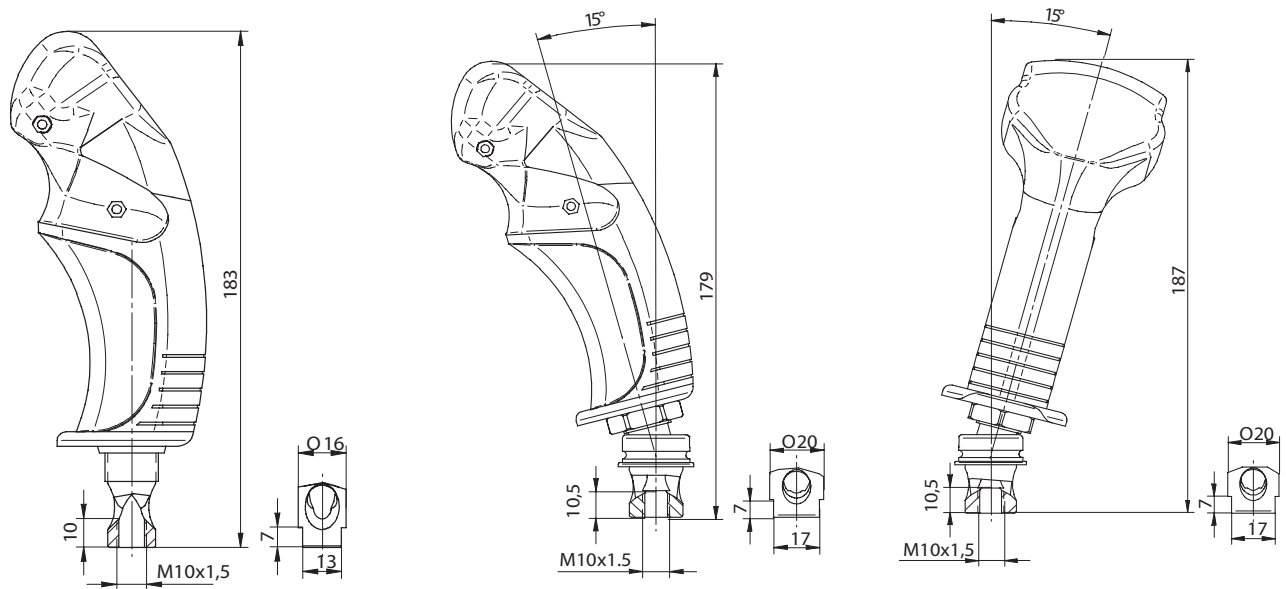
LUNGHEZZA CABLAGGIO L=4500mm / CABLING LENGTH L=4500mm



ESEMPIO DI APPLICAZIONI: CIMATRICI  
APPLICATION EXAMPLE: TRIMMERS



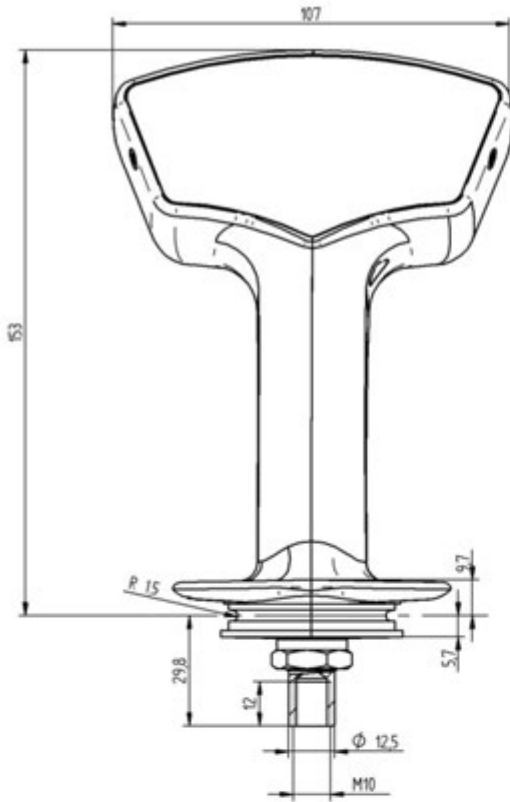
IMPUGNATURA ERGONOMICA MULTIFUNZIONE - RIDUTTORI DI MONTAGGIO  
 MULTIFUNCTION ERGONOMIC HANDLES - MOUNTING ADAPTERS



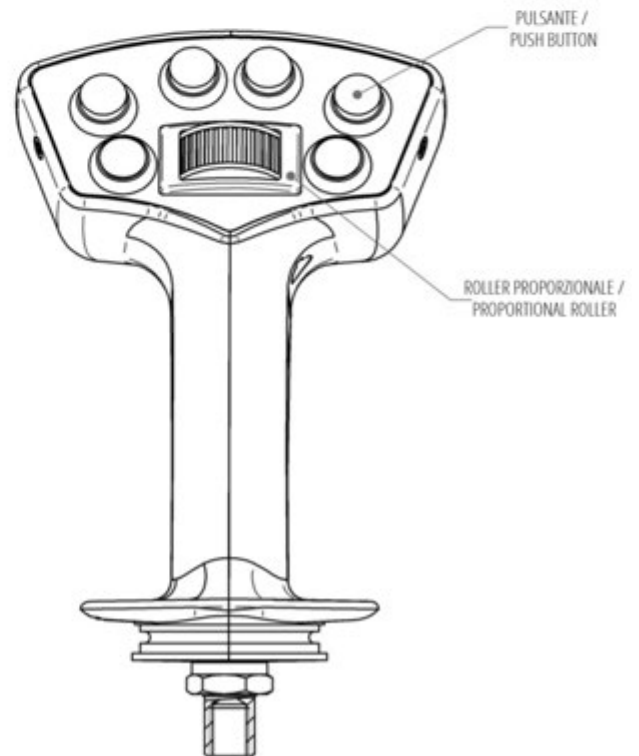
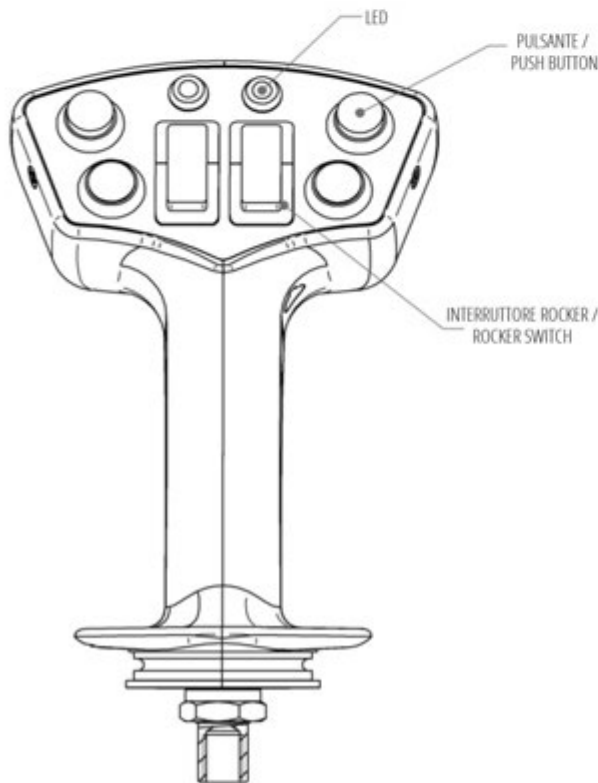
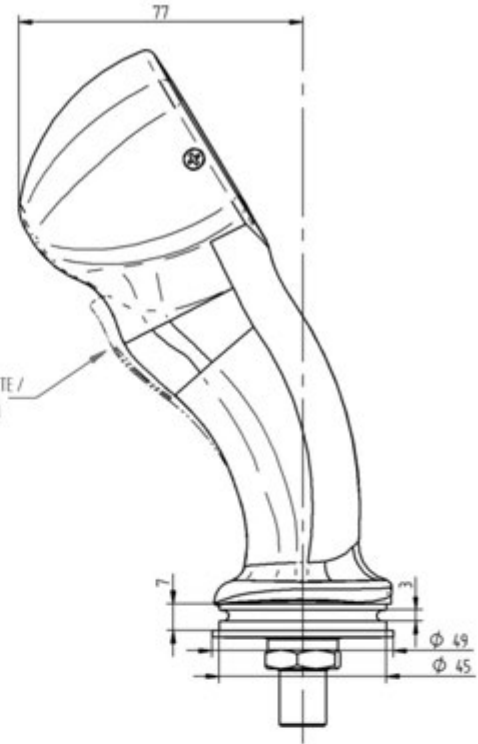
# IMPUGNATURA ERGONOMICA MULTIFUNZIONE

## MULTIFUNCTION ERGONOMIC HANDLES

AMI COBRA...BIG



OPZIONE DI SICUREZZA: UOMO PRESENTE /  
OPTIONAL SAFETY TRIGGER SWITCH



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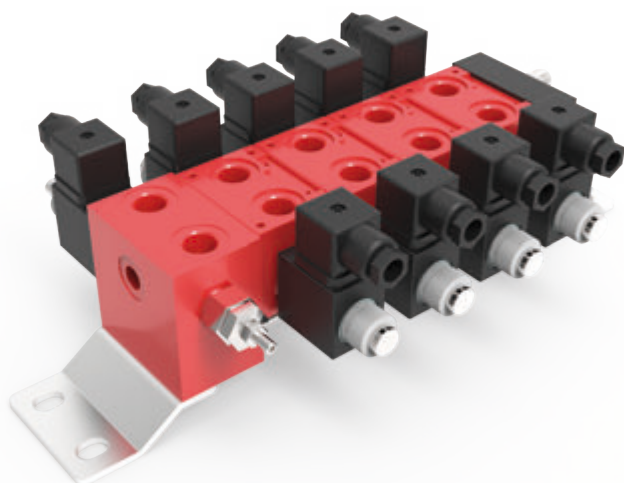
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**Valvole componibili ON/OFF per controllo direzione con elementi in fusione di ghisa**  
*Bankable ON/OFF directional control valves with cast iron elements*

**Valvole componibili PROPORZIONALI per controllo direzione**  
*Bankable PROPORTIONAL directional control valve*

**Valvole componibili PROPORZIONALI COMPENSATE con controllo portata**  
*Bankable PROPORTIONAL COMPENSATED flow regulators*

**Valvole ON/OFF disponibili in due dimensioni, con ridotte dimensioni di ingombro o per alte portate**  
*ON/OFF valves available in two sizes, with reduced overall dimension or for high flow rates*

**Disponibile per circuiti in parallelo o in serie**  
*Available for parallel or series circuits*

**Corpo disponibile con attacchi filettati o interfaccia per valvole modulari**  
*Available with housing with threaded ports or interfaces for modular valves*

**Disponibile per circuiti Load Sensing**  
*Available for Load sensing circuits*

**Trattamento antiruggine sugli elementi**  
*Rust-preventive treatment on the elements*

**CONDIZIONI DI LAVORO**  
*WORKING CONDITIONS*

	DB3C	DB3
<b>Portata nominale</b> <i>Nominal flow rate</i>	30 l/min; 8 gpm	50 l/min; 13 gpm
<b>Pressione MAX di esercizio</b> <i>MAX working pressure</i>	310 bar; 4500 psi	310 bar; 4500 psi
<b>Contropressione MAX allo scarico</b> <i>MAX return backpressure</i>	210 bar; 3048 psi	210 bar; 3048 psi
<b>Valvola di MAX PRESSIONE standard tarabile</b> <i>Standard PRESSURE RELIEF valve, may be set</i>	da 20 ÷ 250 bar	da 50 ÷ 310 bar
<b>Viscosità fluido</b> <i>Fluid viscosity</i>	12 ÷ 400 mm <sup>2</sup> /s	12 ÷ 400 mm <sup>2</sup> /s
<b>Temperatura fluido con guarnizioni NBR</b> <i>Fluid temperature with NBR gaskets</i>	-30°C ÷ +80°C	-30°C ÷ +80°C
<b>Temperatura ambiente</b> <i>Ambient temperature</i>	-20°C ÷ +50°C	-20°C ÷ +50°C
<b>Fuga interna massima A(B) →T Ap=100 bar</b> <i>Maximum internal leakage A(B) →T Ap=100 bar</i>	13 cm <sup>3</sup> /min	13 cm <sup>3</sup> /min
<b>Peso elemento con 1 bobina</b> <i>Element weight with 1 coil</i>	kg 1,200	kg 1,400
<b>Peso elemento con 2 bobine</b> <i>Element weight with 2 coils</i>	kg 1,450	kg 1,900
<b>Coppia di serraggio per tiranti</b> <i>Tightening torque for tie rods</i>	kg 1,500	kg 1,500

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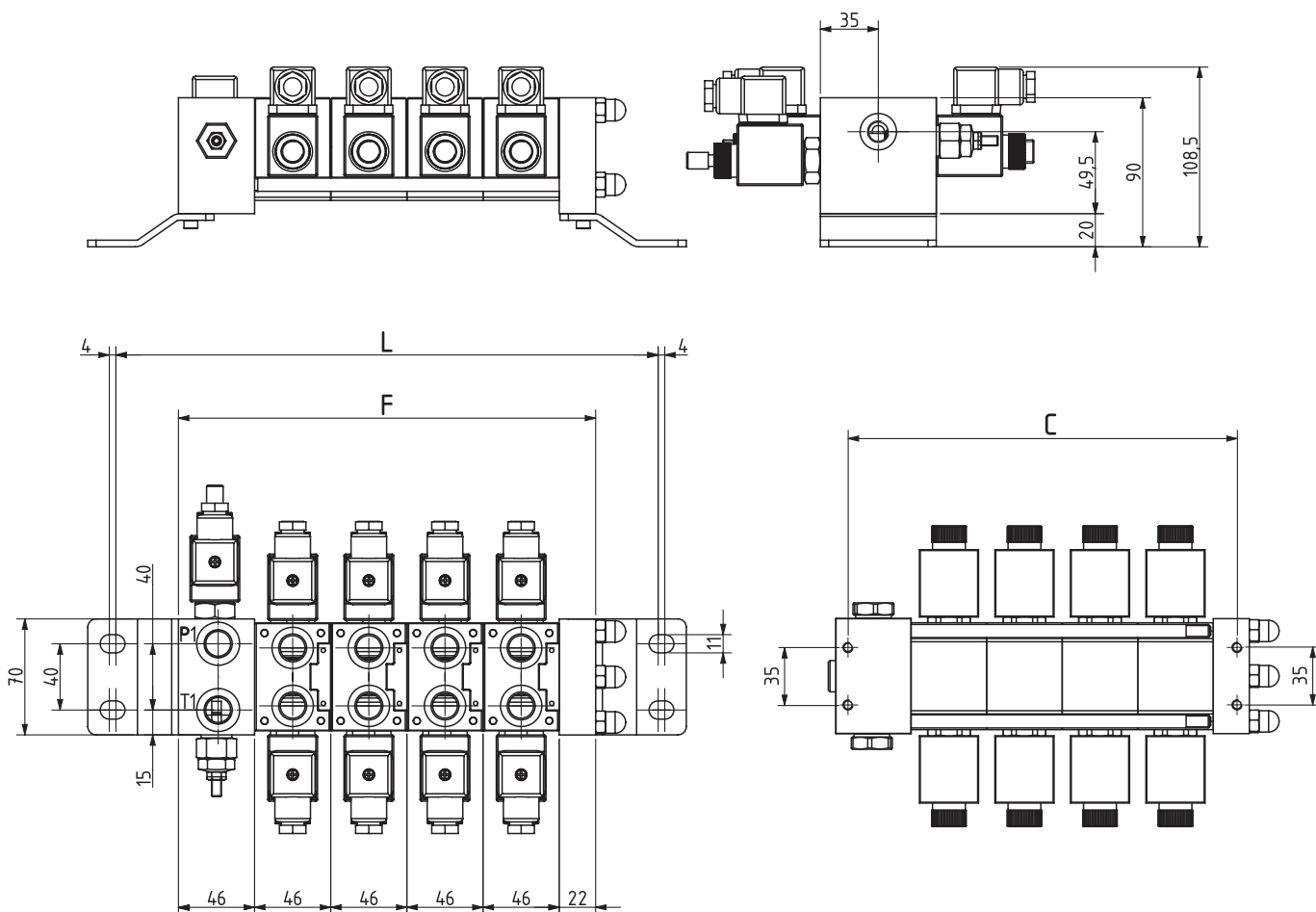
# DISTRIBUTORE COMPONIBILE ELETTRICO

## ELECTRIC SECTIONAL CONTROL VALVES

# DB3C/DB3

### DIMENSIONI DI INGOMBRO E MONTAGGIO STAFFE

#### OVERALL DIMENSIONS AND MOUNTING BRACKETS



Numero elementi Elements No	DB3C-P DB3-P (Parallelo/Parallel)			DB3C-S DB3-S (Serie/Serie)		
	F	L	C	F	L	C
1	114	189,5	99	127	202,5	99
2	160	235,5	145	173	248,5	145
3	206	281,5	191	219	294,5	191
4	252	327,5	237	265	340,5	237
5	298	373,5	283	311	386,5	283

#### FILETTATURE STANDARD / STANDARD THREADS

	DB3C	DB3
P	G3/8"; SAE6	G1/2"; SAE8
A	G3/8"; SAE6	G3/8"; SAE6
B	G3/8"; SAE6	G3/8"; SAE6
T	G3/8"; SAE6	G1/2"; SAE8

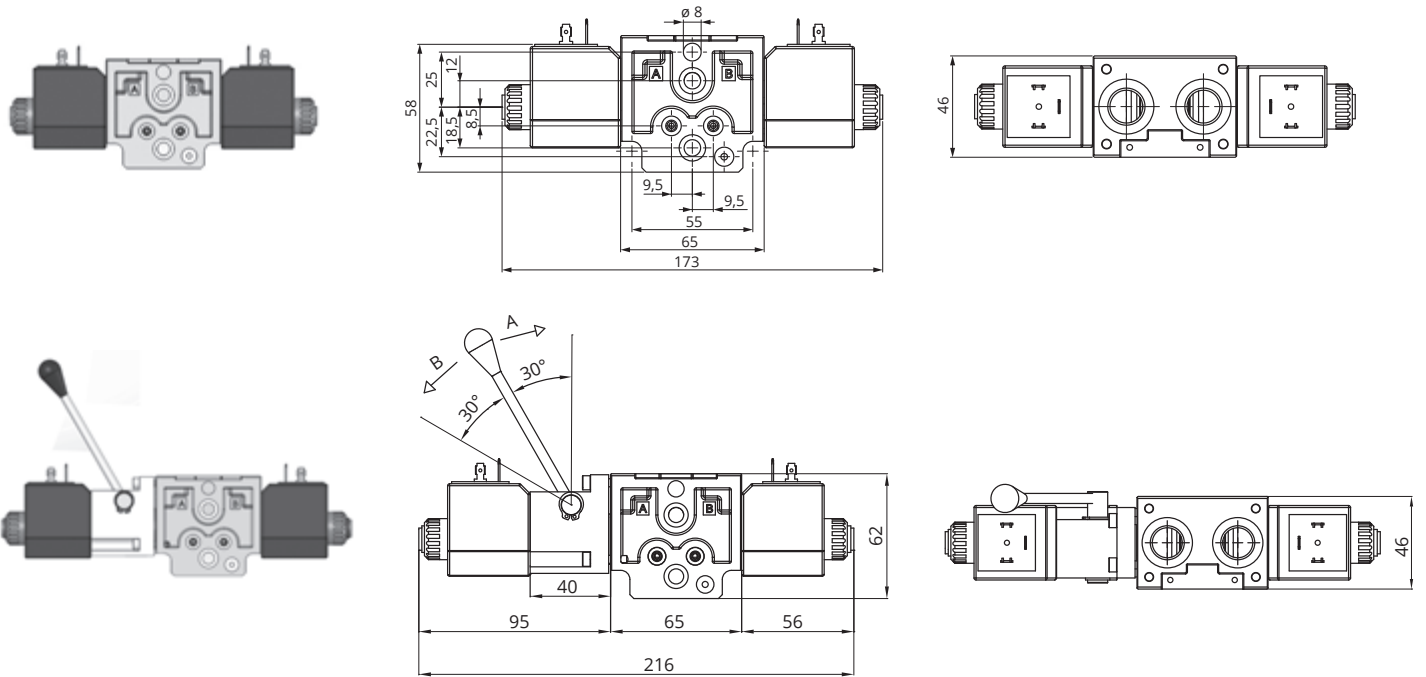


# DISTRIBUTORE COMPONIBILE ELETTRICO

## ELECTRIC SECTIONAL CONTROL VALVES

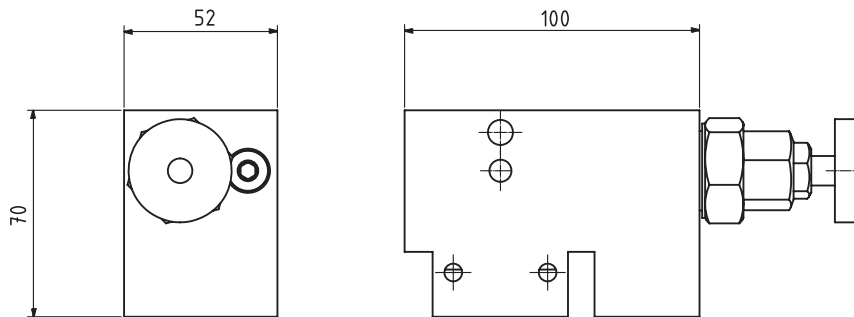
**DB3C/DB3**

### PERFORMANCE



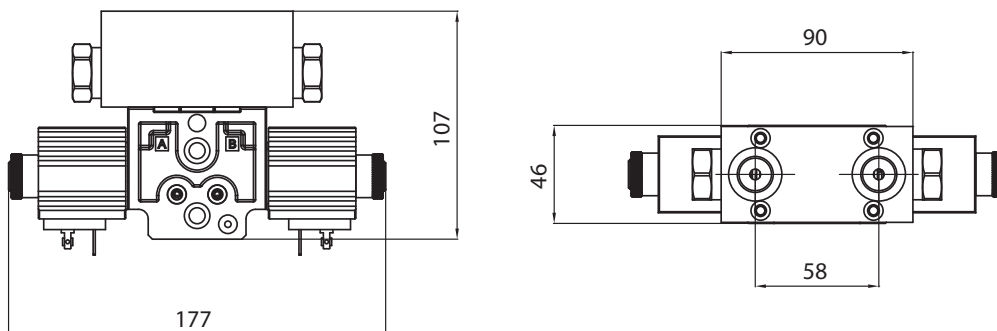
### ELEMENTO INTERMEDIO CON VALVOLA REGOLATRICE DI PORTATA (VRP)

#### INTERMEDIATE ELEMENT WITH FLOW RATE REGULATOR VALVE (VRP)



### COMPLESSIVO VALVOLA DI BLOCCO CON BOBINE

#### CHECK VALVE WITH COILS SET



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DB3C/5/P/ FI02-1-V160-00/ E01B0-12V-00x4/ E02B1-12V-00/ FC/ STF1

1

2

3

4

5

6

DB3C: modello DB3C=30 litri; DB3=50 litri/type DB3C=30 liters; DB3=50 liters

1 5: nr. elementi/n. elements

P: tipo circuito (P=parallelo, S=serie)/circuit type (P=parallel; S=in series)

FI02: tipo fiancata di ingresso/inlet element type (Pag. G-6)

1: filettatura fiancata di ingresso (1=3/8"; 2=1/2")/inlet element thread (1=3/8"; 2=1/2")

2 V: regolazione valvola di massima pressione (V=vite; VP=vite+pomello; VS=vite+protezione)/  
pressure relief valve adjustment (V=screw; VP=screw+knob; VS=screw+cover)

160: taratura della valvola di massima pressione/pressure relief valve calibration

00: tipo di guarnizioni (00=NBR; V=Viton)/gasket type (00=NBR; V=Viton)

E: tipo comando (E=elettrico; M=meccanico; EM=elettrico-meccanico)/control type (E=electric; M=mechanical; EM=electrical-mechanical)

01: tipo cursore/spool type (Pag. G-9)

3 B0: tipo montaggio/assembly type (Pag. G-9)

12V: tensione bobina/coil voltage (Pag. G-11)

00: tipo di guarnizioni (00=NBR; V=Viton)/gasket type (00=NBR; V=Viton)

E: tipo comando (E=elettrico; M=meccanico; EM=elettrico-meccanico)/control type (E=electric; M=mechanical; EM=electrical-mechanical)

02: tipo cursore/spool type (Pag. G-9)

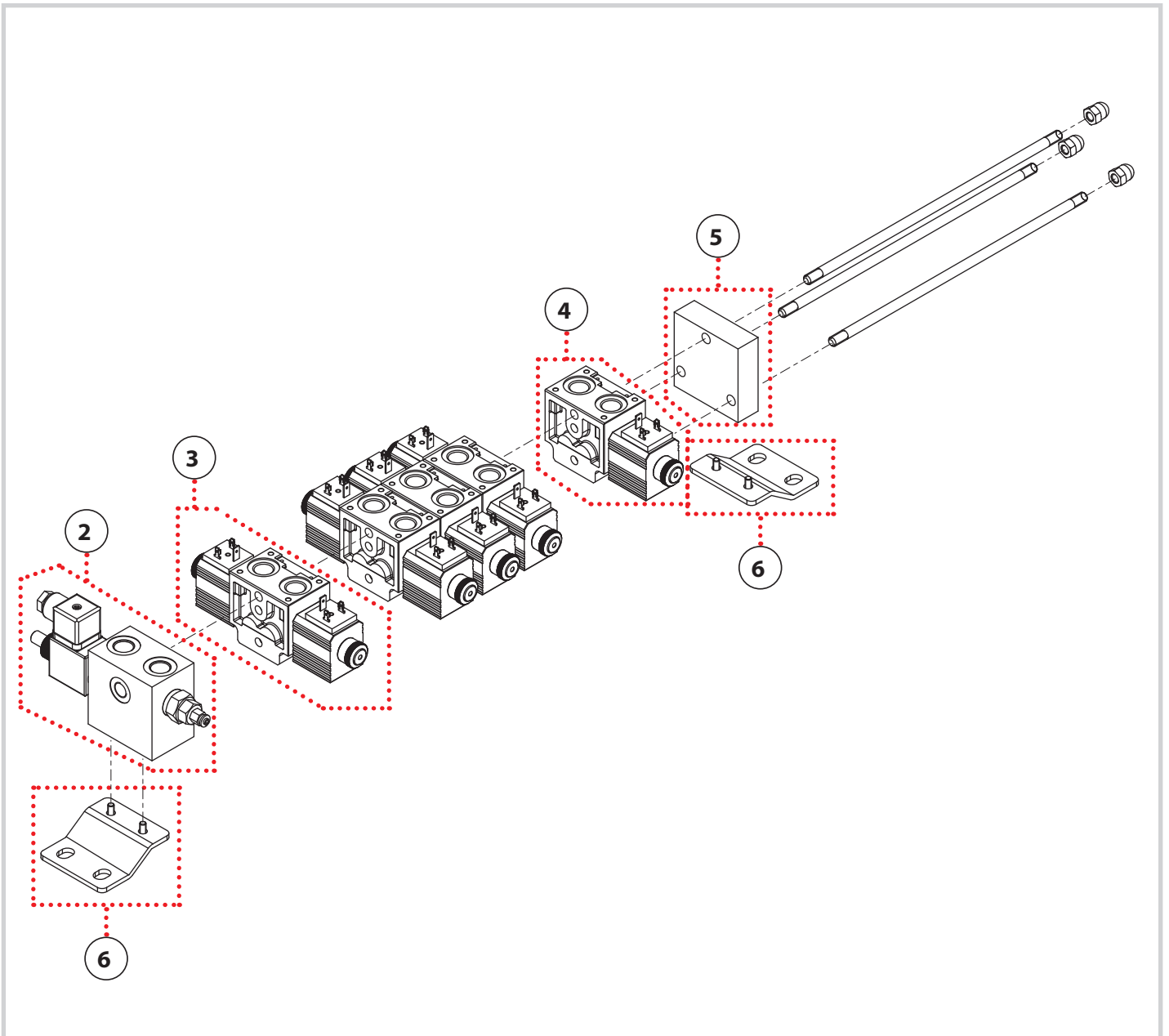
4 B1: tipo montaggio/assembly type (Pag. G-9)

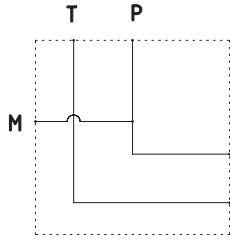
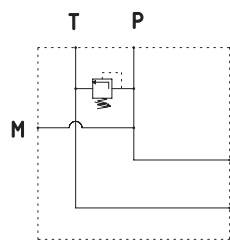
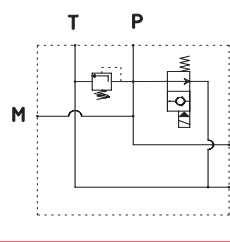
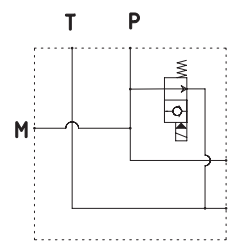
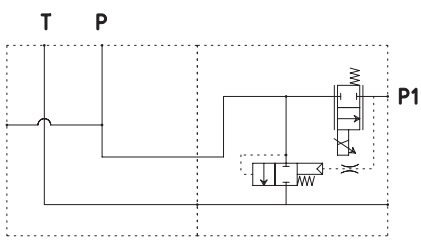
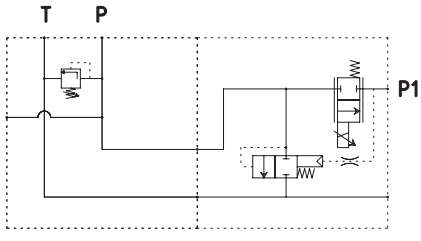
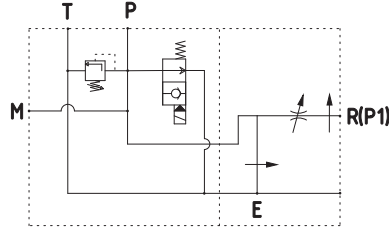
12V: tensione bobina/coil voltage (Pag. G-11)

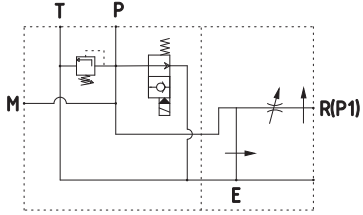
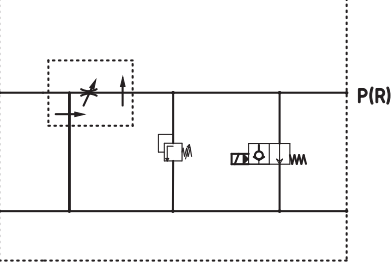
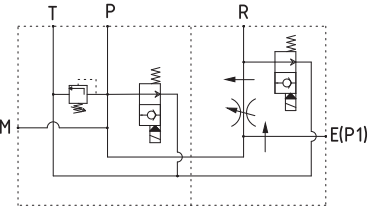
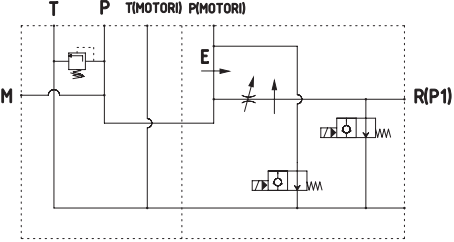
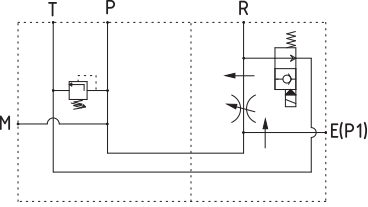
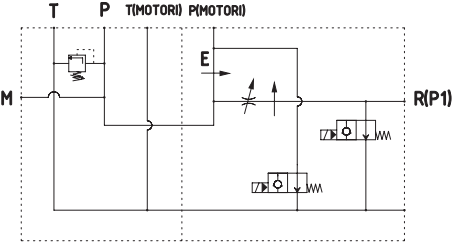
00: tipo di guarnizioni (00=NBR; V=Viton)/gasket type (00=NBR; V=Viton)

5 FC: fiancata di chiusura (FC=std parallelo; FC1=serie DB3C; FC2=serie DB3)/closure element (FC=std parallel; FC1=in series DB3C; FC2=in series DB3)

6 STF1: staffe di fissaggio (STF1=staffe per fissaggio laterale; STF2=staffe per fissaggio)  
attachment brackets (STF1=brackets for side attachment; STF2=attachment brackets)

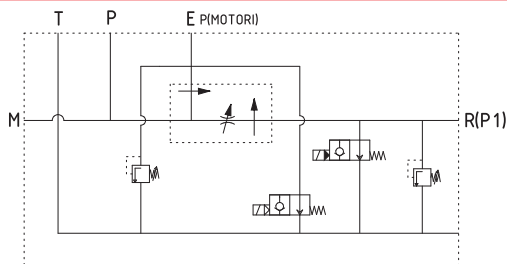


<p><b>FI00</b></p>		<p><b>fiancata di ingresso senza valvole</b> <i>inlet element without valves</i></p>
<p><b>FI01</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale con taratura regolabile</b> <i>inlet element with general pressure relief valve with adjustable calibration</i></p>
<p><b>FI02</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale e valvola di messa a scarico</b> <i>inlet element with general pressure relief valve and unloading valve</i></p>
<p><b>FI03</b></p>		<p><b>fiancata di ingresso con valvola di messa a scarico</b> <i>inlet element with unloading valve</i></p>
<p><b>FI04</b></p>		<p><b>fiancata di ingresso senza valvola di massima pressione generale con compensatore e valvola proporzionale 12-24Vcc, per portata fino a 35 lt/min</b> <i>inlet element without general pressure relief valve with compensator and 12-24V DC proportional valve, for flow rates up to 35 lt/min</i></p>
<p><b>FI05</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, compensatore e valvola proporzionale, per portata fino a 35 lt/min</b> <i>inlet element with general pressure relief valve, compensator and proportional valve, for flow rates up to 35 lt/min</i></p>
<p><b>FI06</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, valvola di messa a scarico e regolatore 3 vie</b> <b>(30 lt; Regolato =&gt; servizi; Eccedenza =&gt; scarico)</b> <i>inlet element with general pressure relief valve, unloading valve and 3-way regulator (30 l; Regulated =&gt; elements; Excess =&gt; draining)</i></p>

<p><b>FI07</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, valvola di messa a scarico e regolatore 3 vie</b> (50 lt; Regolato =&gt; servizi; Eccedenza =&gt; scarico) <i>inlet element with general pressure relief valve, unloading valve and 3-way regulator</i> (50 l; Regulated =&gt; elements; Excess =&gt; draining)</p>
<p><b>FI07B</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, valvola di messa a scarico e regolatore 3 vie compensato</b> (90 lt; Regolato =&gt; servizi; Eccedenza =&gt; scarico) <i>inlet element with general pressure relief valve, unloading valve and compensated 3-way regulator</i> (90 l; Regulated =&gt; elements; Excess =&gt; draining)</p>
<p><b>FI08</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, due valvole di messa a scarico e regolatore 3 vie</b> (30 lt; Regolato =&gt; motori; Eccedenza =&gt; servizi) <b>Solo con circuito in serie.</b> <i>inlet element with general pressure relief valve, two unloading valves and 3-way regulator</i> (30 l; Regulated =&gt; motors; Excess =&gt; elements) <i>Only with circuit in series.</i></p>
<p><b>FI08A</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, due valvole di messa a scarico e regolatore 3 vie</b> (30 lt; Regolato =&gt; servizi; Eccedenza =&gt; motori) <i>inlet element with general pressure relief valve, two unloading valves and 3-way regulator</i> (30 l; Regulated =&gt; elements; Excess =&gt; motors)</p>
<p><b>FI08C</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, valvola di messa a scarico e regolatore 3 vie</b> (30 lt; Regolato =&gt; motori; Eccedenza =&gt; servizi) <b>Solo con circuito in serie</b> <i>inlet element with general pressure relief valve, unloading valve and 3-way regulator</i> (30 l; Regulated =&gt; motors; Excess =&gt; elements) <i>Only with circuit in series</i></p>
<p><b>FI09</b></p>		<p><b>fiancata di ingresso con valvola di massima pressione generale, due valvole di messa a scarico e regolatore 3 vie compensato</b> (50 lt; Regolato =&gt; servizi; Eccedenza =&gt; motori) <i>inlet element with general pressure relief valve, two unloading valves and 3-way compensated regulator</i> (50 l; Regulated =&gt; elements; Excess =&gt; motors)</p>

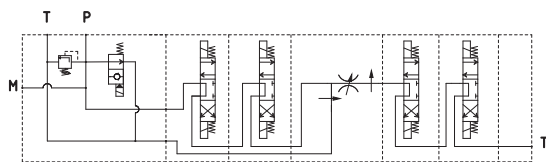
I dati nel presente catalogo non sono impegnative e possono essere variati senza obbligo di preavviso  
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**FI10D**



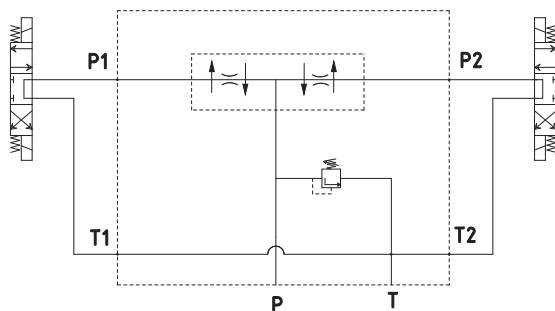
**fiancata di ingresso con due valvole di massima pressione, due valvole di messa a scarico e regolatore 3 vie compensato (50 lt; Regolato => servizi; Eccedenza => motori)**  
*inlet element with two pressure relief valves, two unloading valves and 3-way compensated regulator*  
(50 lt; Regulated => elements; Excess => motors)

**FI11**



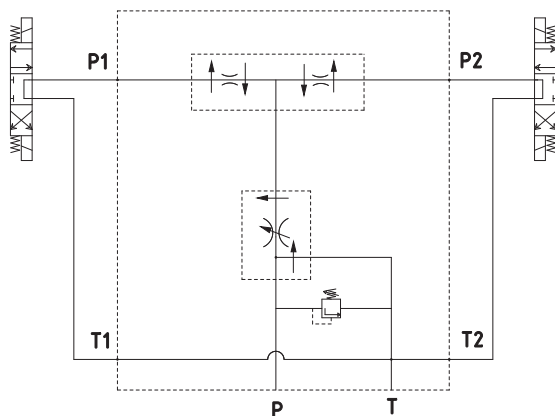
**fiancata di ingresso con valvola di massima pressione generale, valvola di messa a scarico; fori per scarico eccedenza. Solo con circuito in serie e abbinato a elemento VRP (valvola regolatrice di portata)**  
*inlet element with general pressure relief valve, unloading valve; holes for excess drainage. Only with circuit in series and coupled to VRP (flow rate regulator valve) element*

**FI12**



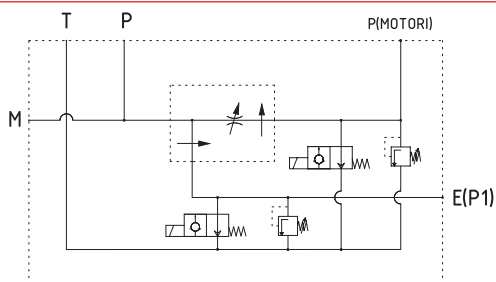
**fiancata di ingresso con divisore di portata e valvola di massima pressione generale. Solo con circuito in serie (40 litri)**  
*inlet element with flow rate regulator and general pressure relief valve. Only with circuit in series (40 litres)*

**FI13**



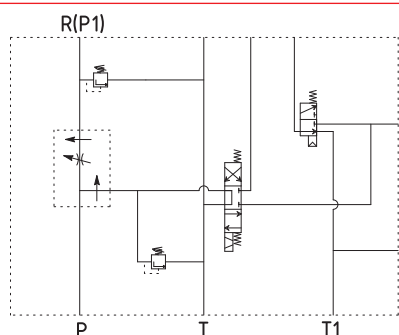
**fiancata di ingresso con VRF 60 litri (valvola regolatrice di flusso) sulla linea P, divisore di portata e valvola di massima pressione generale. Solo con circuito in serie**  
*inlet element with 60-litres VRF (flow regulator valve) on the P line, flow rate regulator and general pressure relief valve. Only with circuit in series*

**FI14**



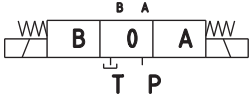
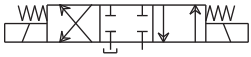
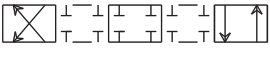
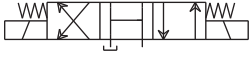
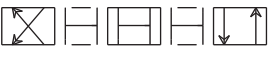
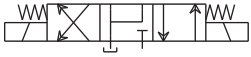
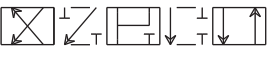
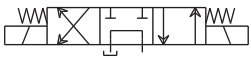
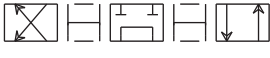
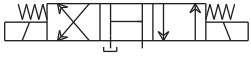

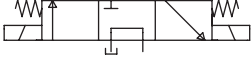
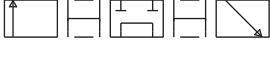
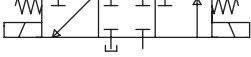
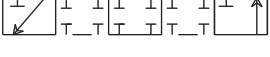
**fiancata di ingresso con due valvole di massima pressione, due valvole di messa a scarico e regolatore 3 vie compensato (50 lt; Regolato => motori; Eccedenza => servizi)**  
*inlet element with two pressure relief valves, two unloading valves and 3-way compensated regulator*  
(50 lt; Regulated => motors; Excess => elements)

**FI15**

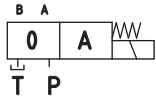
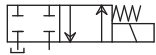
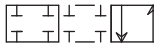
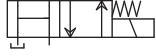

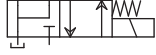
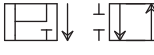
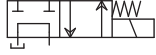







**fiancata di ingresso con due valvole di massima pressione, una valvola elettrica 4 vie, una valvola elettrica 3 vie e regolatore 3 vie compensato. Solo con circuito in serie**  
**(Regolato => servizi; Eccedenza => motori)**  
*inlet element with two pressure relief valves, one 4-ways electric valve, one 3-ways electric valves and 3-way compensated regulator.*  
*Only with circuit in series*  
(Regulated => elements; Excess => motors)

**DUE SOLENOIDI RITORNO A MOLLA (B0)**  
*Two solenoids, spring center*

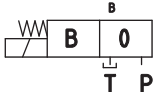
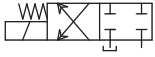
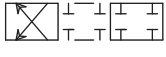








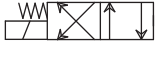
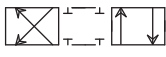
CODICE <i>Code</i>		RICOPRIMENTO <i>Covering</i>	POSIZIONE DI TRANSITO <i>Transient position</i>
01		+	
02		-	
03		+	
04		-	
04H		-	
06		-	
07		+	

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UN SOLENOIDE LATO A (B1) <i>One solenoid, side A (B1)</i>			
CODICE <i>Code</i>		RICOPRIMENTO <i>Covering</i>	POSIZIONE DI TRANSITO <i>Transient position</i>
01		+	
02		-	
03		+	
04		-	
04H		-	
05		+	



**UN SOLENOIDE LATO B (B2)**  
*One solenoid, side B (B2)*

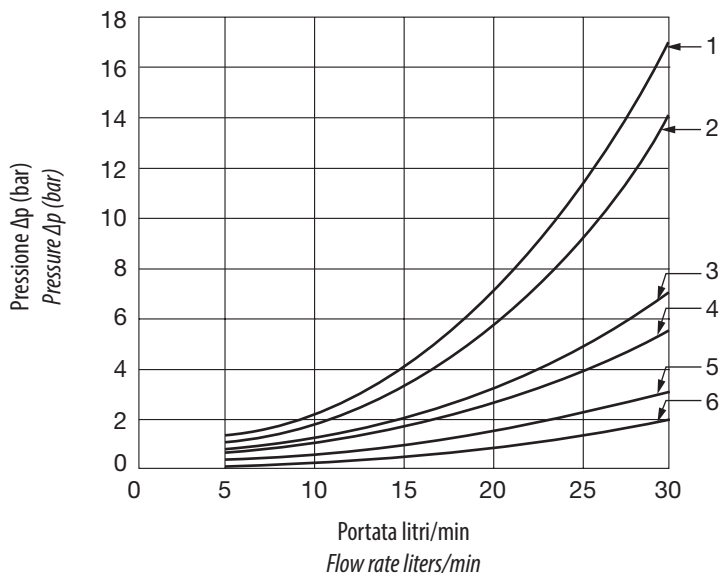
CODICE <i>Code</i>		RICOPRIMENTO <i>Covering</i>	POSIZIONE DI TRANSITO <i>Transient position</i>
01		+	
02		-	
03		+	
04		-	
04H		-	
05		+	

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**CURVE**  
**CURVES**

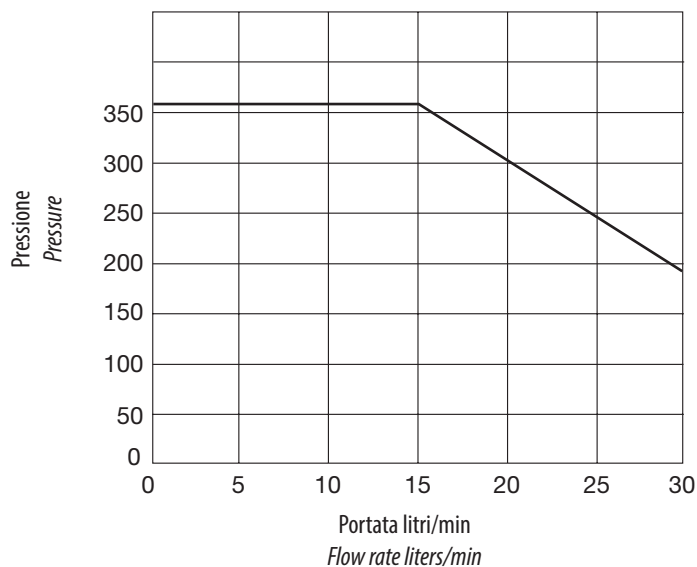
**PERDITE DI CARICO**  
**HEAD LOSS**

**Il fluido impiegato è un olio minerale ISO-VG32 a 45°C± 5°C.**  
**Temperatura ambiente 20°C.**  
*The employed fluid is a mineral oil ISO-VG32 at 45°C± 5°C.*  
*Ambient temperature 20°C.*



TIPO DI CURSORE SPOOL TYPE	PASSAGGI PASSAGES				
	P → T	P → A	P → B	A → T	B → T
04;04B1;04B2	3	2	2	1	1
01;01B1;01B2		5	5	5	5
02;02B1;02B2	5	4	4	6	6
03;03B1;03B2		5	5	4	4

**LIMITI DI IMPIEGO**  
**LIMITATIONS TO USE**



**TIPO DI CURSORE**  
**SPOOL TYPE**  
**Ø1; Ø2; Ø3; Ø4**

**Le curve di impiego sono testate con il flusso di olio che attraversa la valvola da P → A e da B → T**  
*The employed curves are tested with the oil flow that crosses the valve from P → A and from B → T*

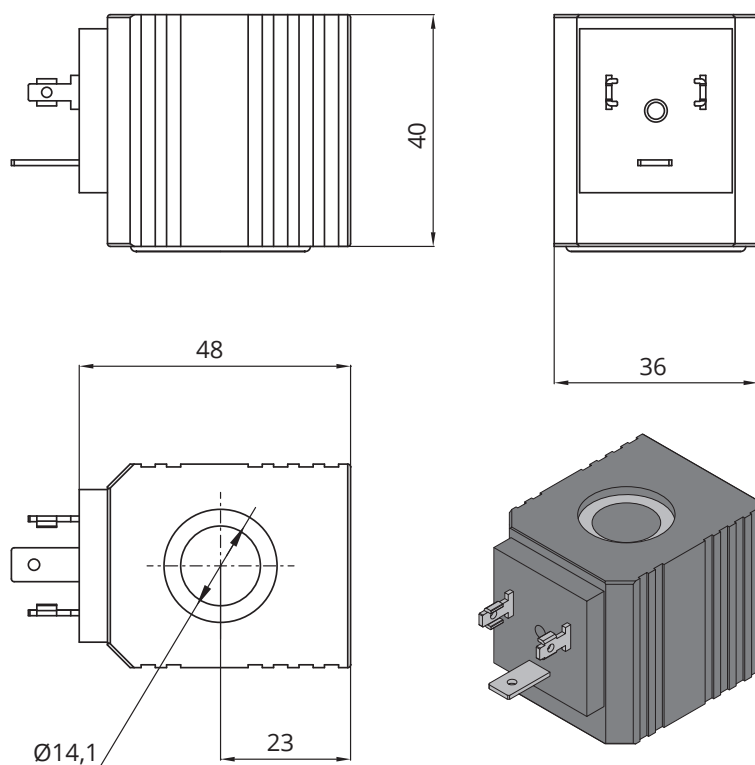
**BOBINE**  
**COILS**

**Tipo voltaggio: corrente continua (DC)**  
*Voltage type: direct current (DC)*

**Caratteristiche/Characteristics**

Tipo circuito/Circuit type	Volt (V)	Watt (W)	Ampere (A)
Parallelo/Parallel	12	26	2,15
	24	26	1,10
Serie con valvola di messa a scarico <i>Series with unloading valve</i>	12	26	2,15
	24	26	1,10
Serie senza valvola di messa a scarico <i>Series without unloading valve</i>	12	60	5
	24	60	2,50

**Disegni bobina/Coil drawings DB3C**

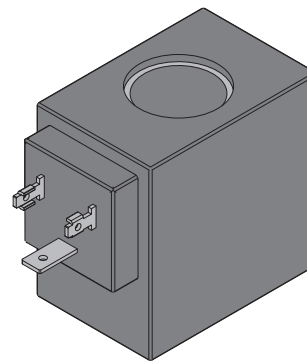
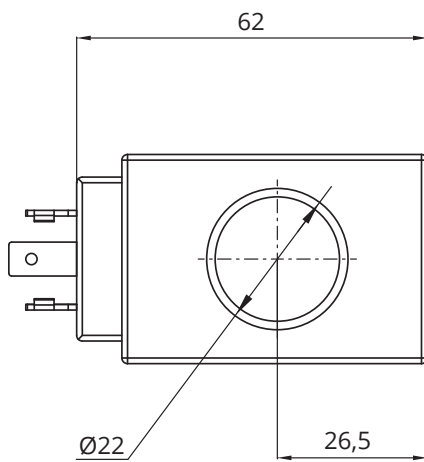
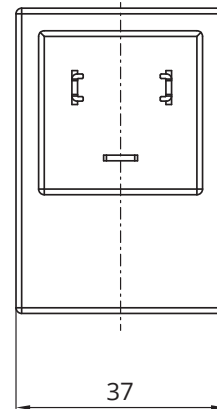
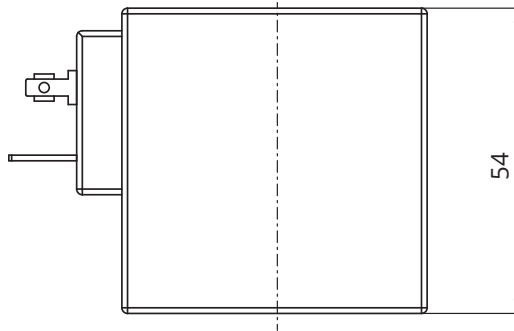


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**DISTRIBUTORE COMPONENTE ELETTRICO**  
*ELECTRIC SECTIONAL CONTROL VALVES*

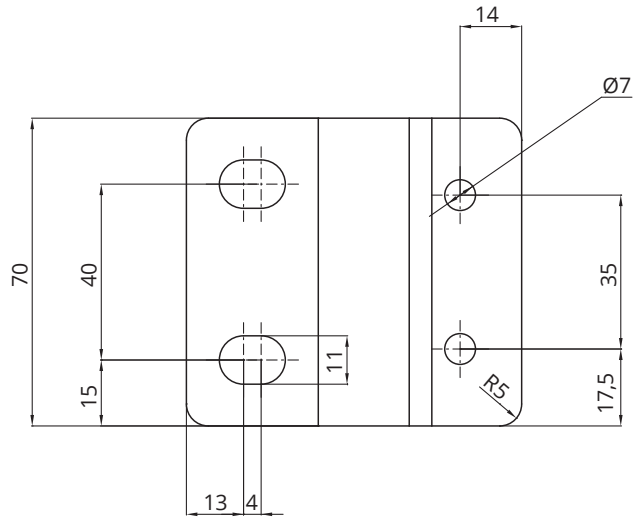
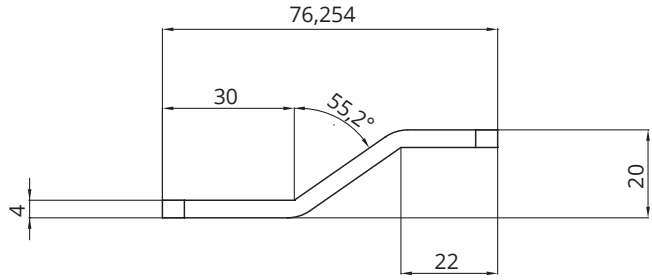
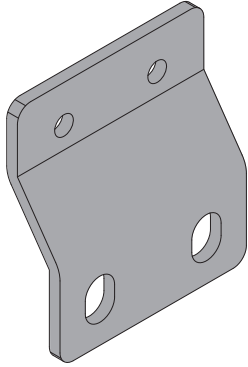
**DB3C/DB3**

Disegni bobina/Coil drawings DB3C-DB3

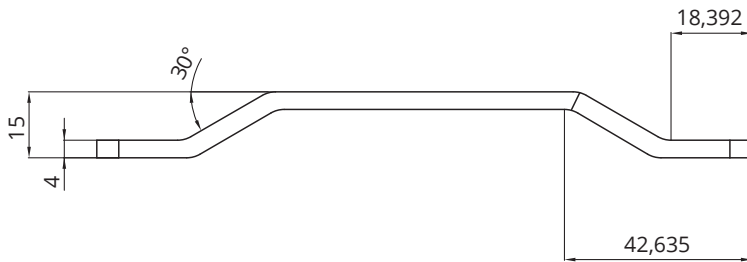
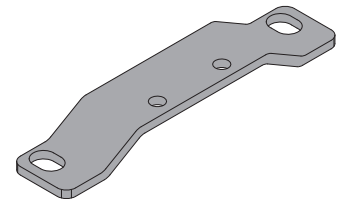
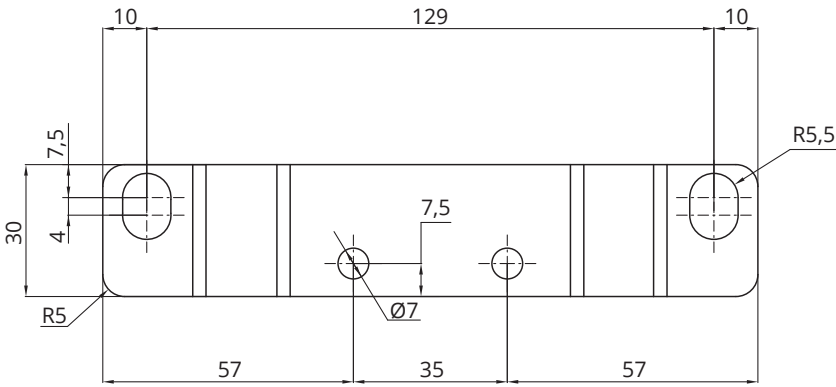


**ACCESSORI**  
**ACCESSORIES**

**Staffe di fissaggio/Attachment brackets STF1**



**Staffe di fissaggio/Attachment brackets STF2**



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