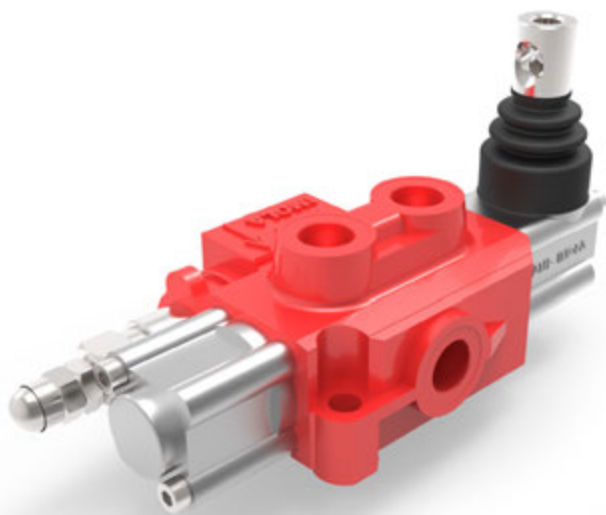


# DISTRIBUTORE MONOBLOCCO

## MONOBLOCK DIRECTIONAL CONTROL VALVE

**AMI 3**



**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 ..... 40 l/min

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

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

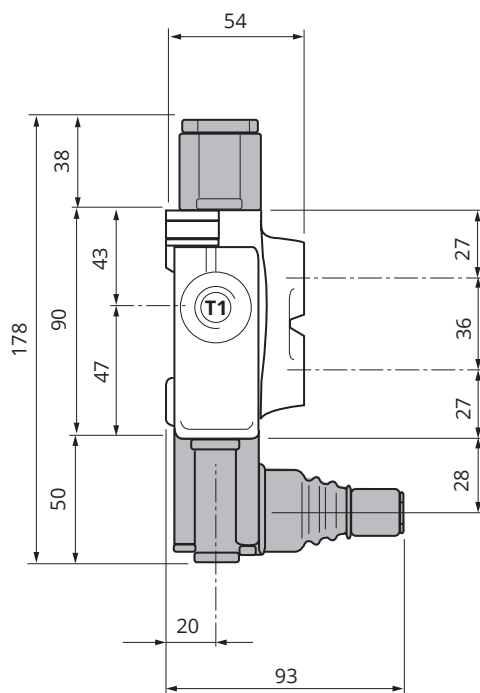
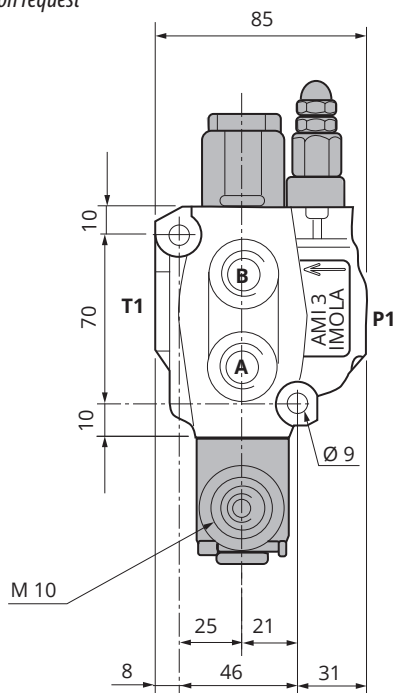
**Valvola di MAX PRESSIONE standard tarabile**  
Standard PRESSURE RELIEF valve, may be set ..... da 60 a 300 bar  
(a richiesta tarabile da 10 a 250 bar)  
(on request may be set from 10 to 250 bar)

**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



### FILETTATURE DISPONIBILI / AVAILABLE THREADS

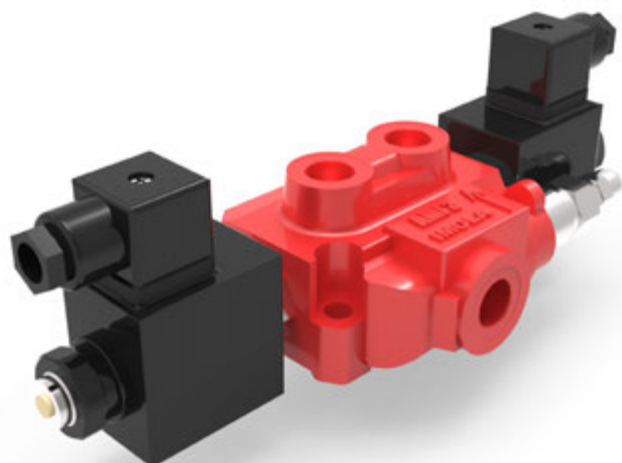
| UTILIZZI/PORTS                | STANDARD | A RICHIESTA/ON DEMAND |          |        |      |
|-------------------------------|----------|-----------------------|----------|--------|------|
| <b>P1</b>                     | 3/8" BSP | 3/8" - 18 NPT         | 1/2" BSP | 18x1,5 | 1/4" |
| <b>A - B</b>                  | 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"   |                       |          |        |      |

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

# 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

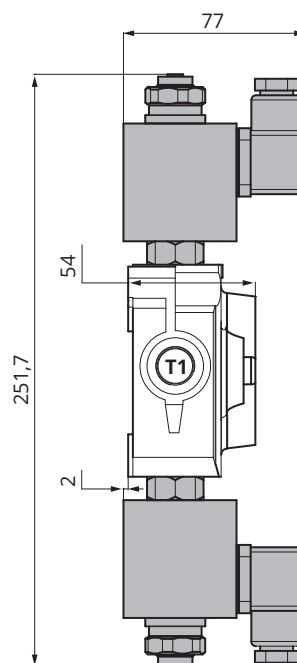
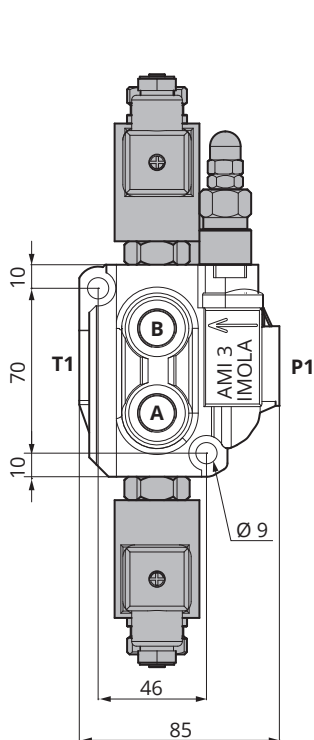
### Trafil. MAX cursore a 100 bar (Temp. 50°C Visc. 27 CST)

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

**Absorbimento / 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

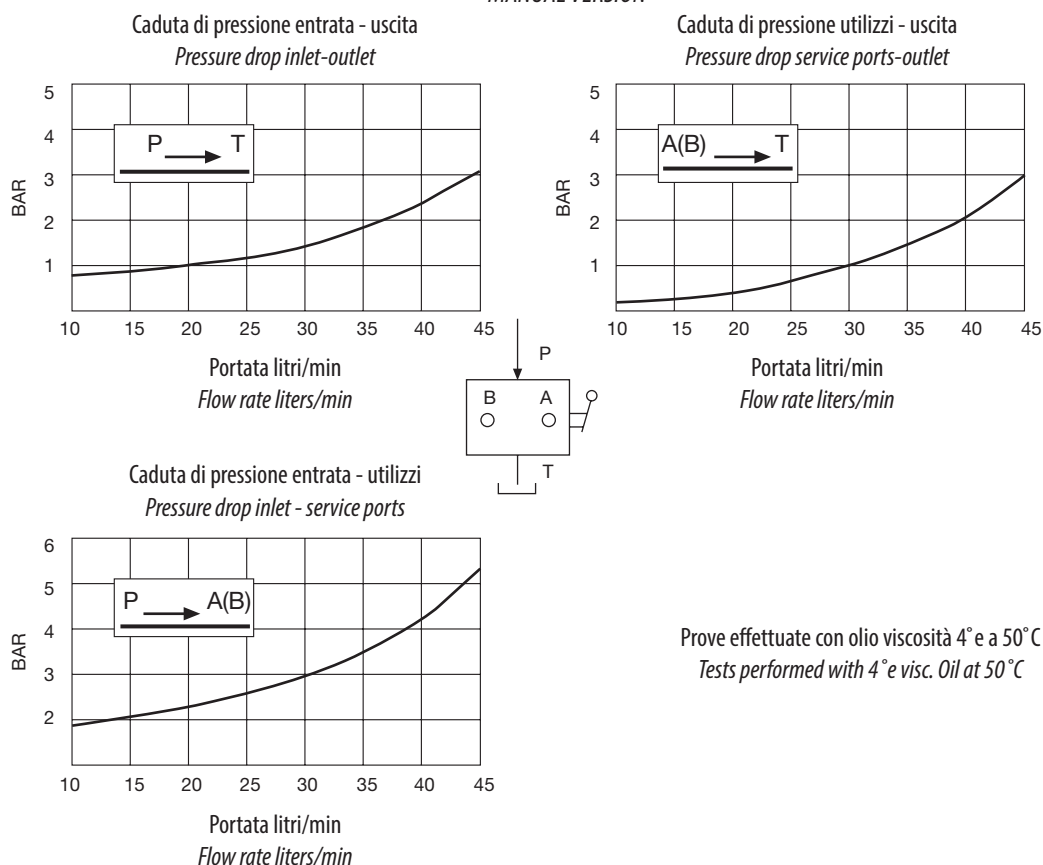
N.B.: L'applicazione degli elettromagneti richiede una lavorazione speciale nel corpo.

### VERSION H70-H71

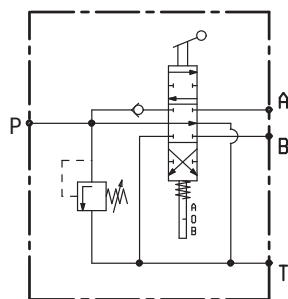
Electric drive 12 - 24Vdc (direct)

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

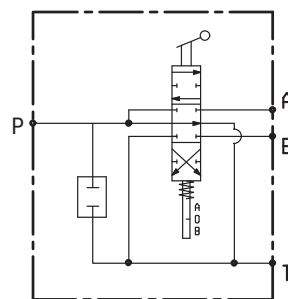
**VERSIONE MANUALE**  
MANUAL VERSION



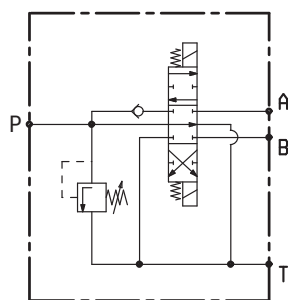
**SCHEMA IDRAULICO**  
HYDRAULIC SYSTEM DIAGRAM



Versione standard  
Standard version



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



Versione standard elettrico  
Standard electric version