

**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)**

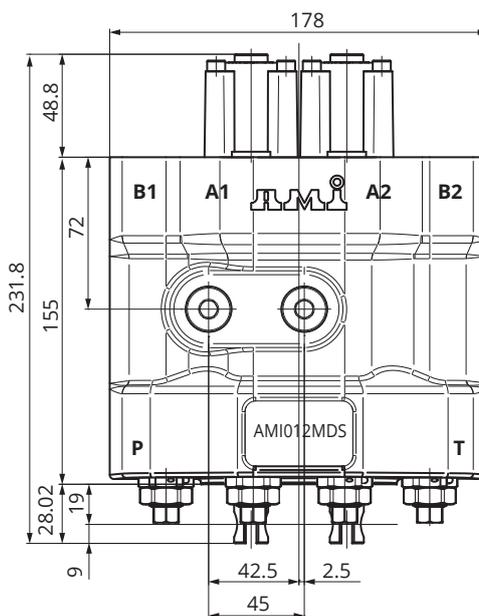
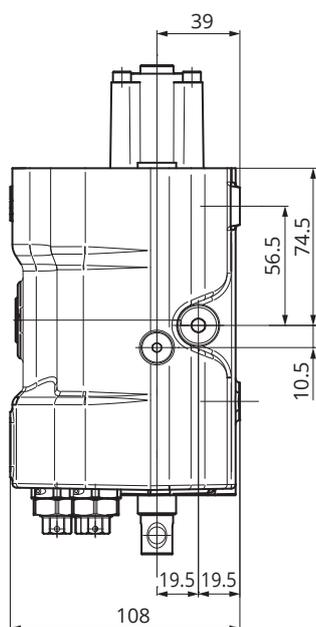
*MAX spool leakage at 100 bar (Temp. 50°C Visc. 27 CST)* ..... **3 ml/min**

**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**

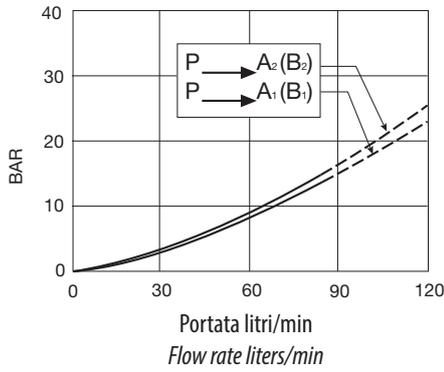
*2-SECTION MONOBLOCK DIRECTIONAL CONTROL VALVE SUITABLE FOR HYDRAULIC SYSTEMS WITH  
 VARIABLE DISPLACEMENT PUMPS WITH LOAD-SENSING COMPENSATOR  
 APPLICATIONS: FRONT-END LOADERS*



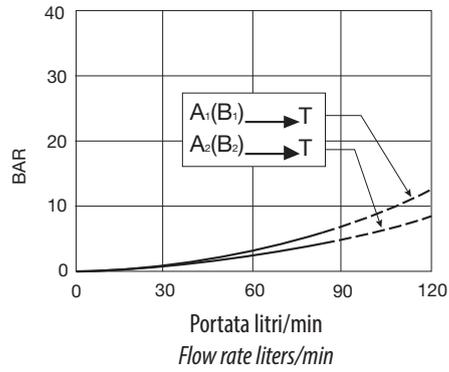
**FILETTATURE DISPONIBILI / AVAILABLE THREADS**

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>

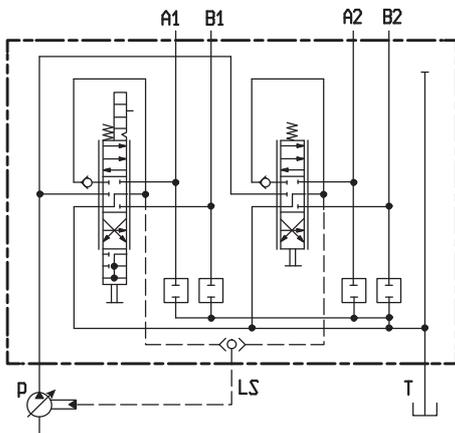
Caduta di pressione entrata - utilizzi  
*Pressure drop inlet - service ports*



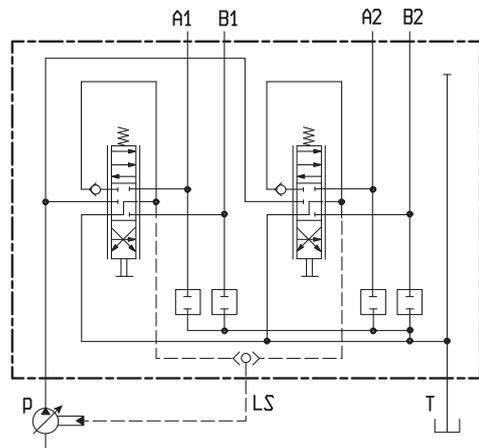
Caduta di pressione utilizzi - uscita  
*Pressure drop service ports - outlet*



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