

# VALVOLE DI CONTROLLO DIREZIONALE DIRECTIONAL CONTROL VALVES STEUERGERÄTE

## ML



**DINOIL S.p.A.**

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Capitale sociale i.v. € 1.000.000 - Iscrizione registro imprese di Vicenza, c.f. e p.I.V.A. 00729680249  
Società appartenente al Gruppo Finsuge S.p.A. con sede in Suzzara (Mn)  
Iscrizione registro imprese di Mantova, c.f. e p.I.V.A. 01332540200

### DATI TECNICI • TECHNICAL DATA • TECHNISCHE MERKMALE

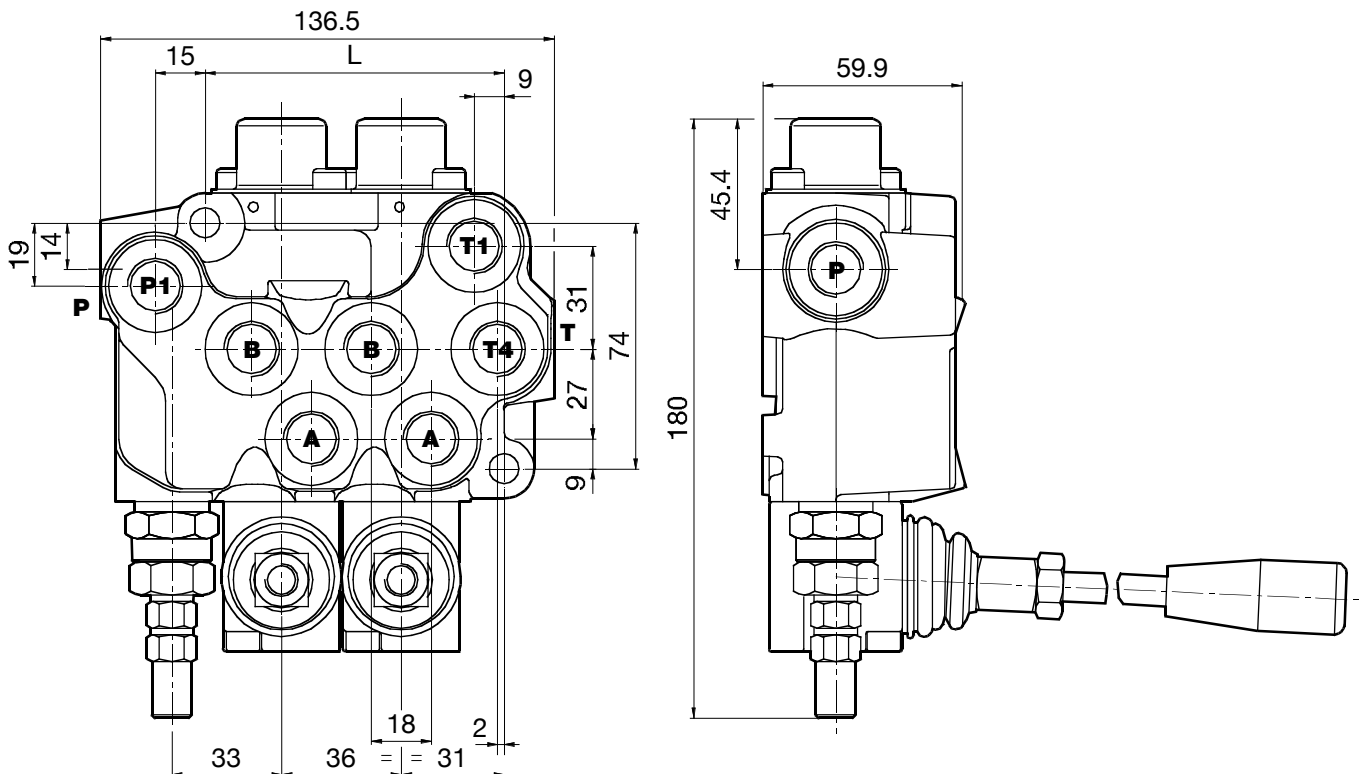
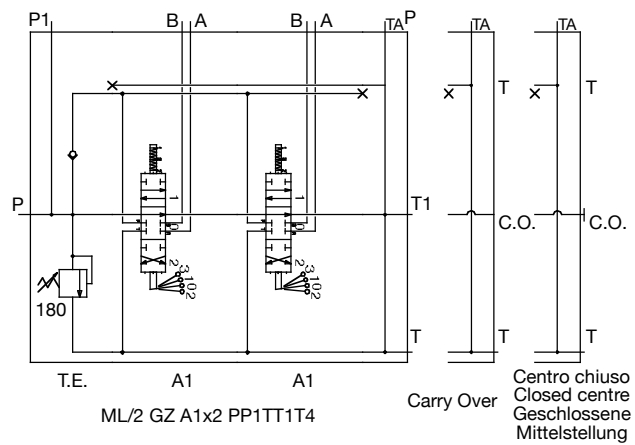
Portata nominale (max) <i>Nominal flow (max)</i> Nominaler Durchfluß (max)	35 (45) l/min 9.3 (11.9) gpm
Pressione massima <i>Maximum pressure</i> Maximaler Betriebsdruck	250 (3646) bar (psi)
Contropressione massima allo scarico <i>Maximum tank pressure</i> Maximaler Gegendruck Tankleitung	50 (730) bar (psi)
Massima trafila interna <i>Maximum internal leakage</i> Maximale interne Leckage	8 cc/min (21 cSt - 100 bar)
Temperatura statica d'utilizzo <i>Work static temperature</i> Statische Betriebstemperatur	-20°C +80°C NBR seals -20°C +130°C HNBR seals
Viscosità olio <i>Oil viscosity</i> Ölviskosität	Da 10 cSt a 100 cSt From 10 cSt to 100 cSt Von 10 cSt nach 100 cSt
Fluido <i>Fluid</i> Öl	Olio a base minerale Mineral based oil Mineral Öl

### FILETTATURA • THREAD • GEWINDE

COD MODEL BEZEICHNUNG	TIPO TYPE GEWINDE	COPPIA DI SERRAGGIO Nm TORQUE Nm ANZUGSMOMENT Nm
M	M 18 X 1,5	35
G	3/8" Gas	40
E	3/4" UNF-16	50

### DIMENSIONI • SIZE • ABMESSUNGEN

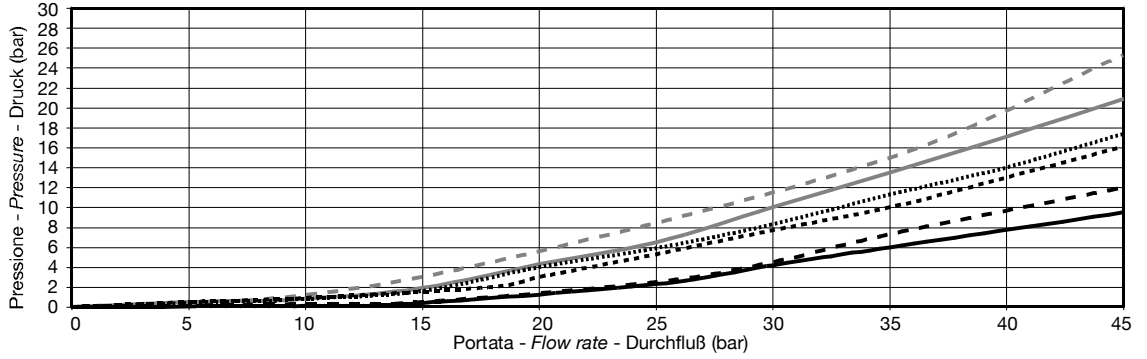
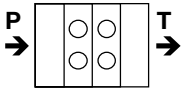
MODELLO MODEL MODELL	L mm	MASSA Kg (lb) WEIGHT Kg (lb) GEWICHT Kg (lb)
ML1	54	2.9 (6.4)
ML2	90	4.2 (9.0)
ML3	126	5.3 (11.7)
ML4	162	6.6 (14.5)
ML5	198	7.8 (17.2)
ML6	234	9.0 (19.9)



**CURVE CARATTERISTICHE  
CHARACTERISTIC BENDS  
TYPISCHE KURVEN**

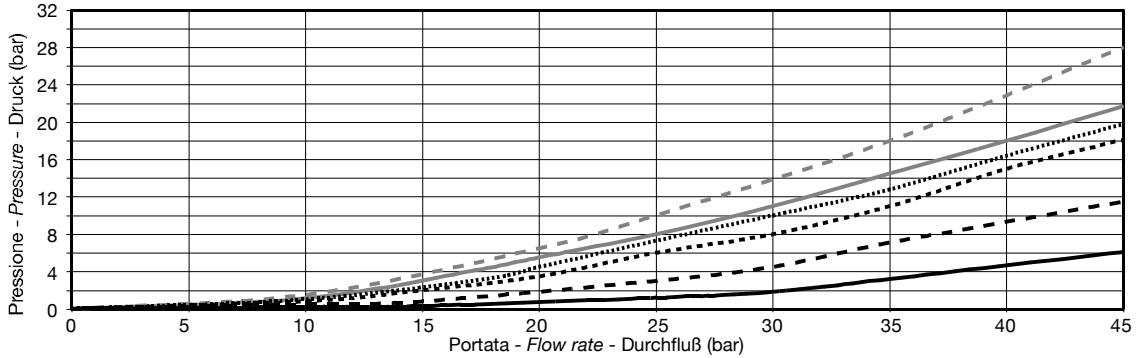
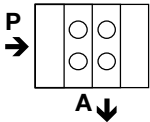
**P-T**

- ML 1 ———
- ML 2 - - - -
- ML 3 ······
- ML 4 ······
- ML 5 ———
- ML 6 - - - -



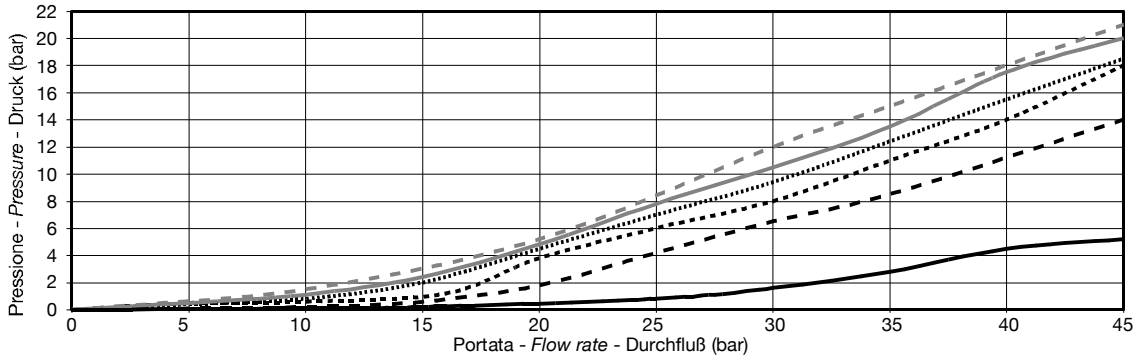
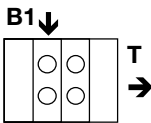
**P-A**

- ML 1 ———
- ML 2 - - - -
- ML 3 ······
- ML 4 ······
- ML 5 ———
- ML 6 - - - -



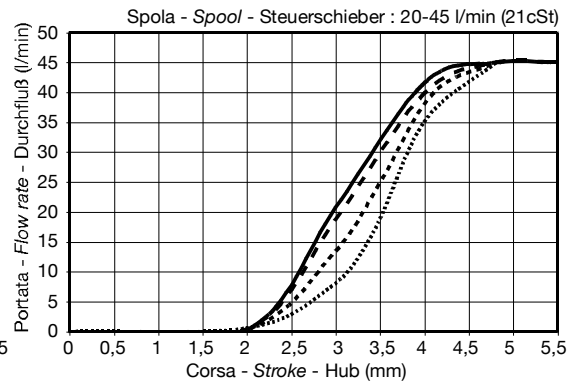
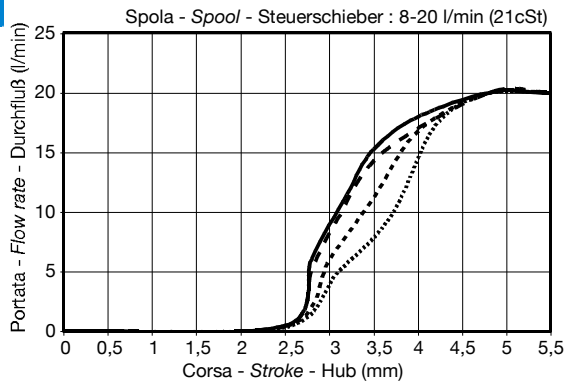
**B-T**

- ML 1 ———
- ML 2 - - - -
- ML 3 ······
- ML 4 ······
- ML 5 ———
- ML 6 - - - -



**METERING**

- 0 bar ———
- 50 bar - - - -
- 100 bar ······
- 150 bar ······



**CIRCUITI E SCHEMI IDRAULICI**  
**HYDRAULIC CIRCUITS AND SCHEMES**  
**STEUERTYPEN UND HYDRAULISCHE SCHEMATA**

POSIZIONATORE • SPOOL CONTROL • SCHIEBERSTELLUNG	
<b>A</b>	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
<b>B</b>	<p>Posizione neutra in 0, detent in 1 Neutral position in 0, detent in 1 Neutralstellung in 0, rastend in 1</p>
<b>C</b>	<p>Posizione neutra in 0, detent in 2 Neutral position in 0, detent in 2 Neutralstellung in 0, rastend in 2</p>
<b>D</b>	<p>Detent in 0, 1, 2 Detent in 0, 1, 2 Raststellung in 0, 1 und 2</p>
<b>E</b>	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
<b>F</b>	<p>Posizione neutra in 0 Neutral position in 0 Neutralstellung in 0</p>
<b>H</b>	<p>Detent in 0, 2 Detent in 0, 2 Raststellung in 0 und 2</p>
<b>L</b>	<p>Detent in 0, 1 Detent in 0, 1 Raststellung in 0 und 1</p>
<b>NT</b>	<p>Posizione neutra in 0, detent in 4 Neutral position in 0, detent in 4 Neutralstellung in 0, rastend in 4</p>
<b>NS</b>	<p>Posizione neutra in 0, detent in 3 Neutral position in 0, detent in 3 Neutralstellung in 0, rastend in 3</p>
<b>R</b>	<p>Posizione neutra in 2 Neutral position in 2 Neutralstellung in 2</p>
<b>S</b>	<p>Posizione neutra in 1 Neutral position in 1 Neutralstellung in 1</p>

CIRCUITO • SPOOL TYPE • STEUERTYP					
	POS. 3	POS. 1	POS. 0	POS. 2	POS. 4
<b>1</b>			P → B A → T BP → -	P → A B → T BP → -	
<b>3</b>			P → B A → T BP → -	A, B → T P → - BP → -	P → A B → T BP → -
<b>4</b>			A → T P, B → - BP → -	P → A B → T BP → -	
<b>5</b>			P → B A, T → - BP → -	P → A B → T BP → -	
<b>7</b>		A, B → T P → - BP → -	P → B A → T BP → -	P → A B → T BP → -	
<b>70</b>			P → B A → T BP → -	P → A B → T BP → -	A, B → T P → - BP → -

**COMBINAZIONI • COMBINATIONS • KOMBINATIONEN**

**CONSIGLIATA • ADVISED**     **DISPONIBILE • AVAILABLE**  
**EMPFOHLENER STEUERTYP**    **VERFÜGBARER STEUERTYP**

POSIZIONATORE SPOOL CONTROL SCHIEBERSTELLUNG	CIRCUITO • CIRCUIT • STEUERTYP					
	<b>1</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>70</b>
<b>A</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
<b>B</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	-
<b>C</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
<b>D</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-
<b>E</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
<b>F</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
<b>H</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
<b>L</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
<b>NT</b>	-	-	-	-	-	<input checked="" type="checkbox"/>
<b>NS</b>	-	-	-	-	<input checked="" type="checkbox"/>	-
<b>R</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-
<b>S</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-



**ISTRUZIONI PER L'ORDINAZIONE  
ORDERING INSTRUCTIONS  
BESTELLANLEITUNG**

