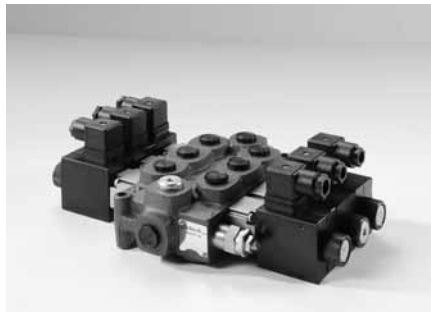
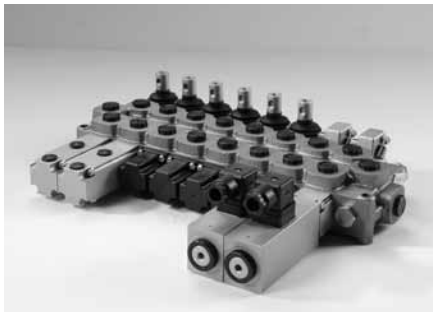


CARATTERISTICHE

- Elevate prestazioni tecniche che consentono una vasta applicazione.
- Corpo in ghisa speciale ad alta resistenza per essere adatto alle alte pressioni di lavoro.
- Cursori nichelati ad alto scorrimento che permettono di poter lavorare ad alte pressioni con lunga durata di vita.
- Il circuito standard in parallelo offre manovre simultanee e, grazie a ricoprimenti negativi e metering dedicati, si ottengono movimenti proporzionali agli utilizzi.
- Trafilamenti di valore ridottissimo.
- Intercambiabilità dei cursori, anche con quelli dei distributori componibili aventi schema "parallelo" o "singolo".
- Possibilità di inversione del lato di comando ruotando il cursore di 180°, consentendo così unificazione, versatilità, bassi valori di particolari a magazzino.
- Il tipo di libera circolazione a "Y" permette alte portate con basse perdite di carico, in rapporto alle ridotte dimensioni del distributore.
- Fa eccezione Q35 che ha ricoprimento positivo e una gamma di cursori apposita, sempre intercambiabili tra loro.

CHARACTERISTICS

- *High technical performances granting larger application range.*
- *Special high resistance cast-iron body, suitable for high working pressures.*
- *Nickel-plated offering granting long working life under high pressure conditions (see attached scheme).*
- *Standard circuit in parallel grants simultaneous operations, and due to negative overlaps and dedicate metering, there is proportional movement at the working ports.*
- *Minimal internal leakages.*
- *Interchangeability of the spools also with the ones of the sectional valves with "parallel" or "single" scheme*
- *Possibility to reverse the control side, turning the spool of 180° permits unification, versatility and low value of some parts in stock.*
- *Free movement version "Y shape" allows high oil flow with low pressure drops, in relation with the small dimensions of the control valves.*
- *Above features not valid for Q35 having positive overlap. The Q35 spools are interchangeable.*



AVVERTENZA PER L'INSTALLAZIONE DEI DISTRIBUTORI

- I tre piedini dei distributori devono sempre appoggiare su una superficie perfettamente piana
- Non utilizzare raccordi conici su filetti cilindrici.
- Per pulire il distributore, prima della verniciatura, non utilizzare diluenti/solventi o qualsiasi prodotto che possa intaccare le parti in gomma.

NOTES FOR DIRECTIONAL CONTROL VALVES ASSEMBLY

- *The three feet of the valve must always and perfectly rest on a 180° degree flat surface.*
- *No conical nipples with JIC thread must be used.*
- *Before painting the control valve, do not use diluents or any products that could damage rubber parts.*

CARATTERISTICHE TECNICHE

TECHNICAL CHARACTERISTICS

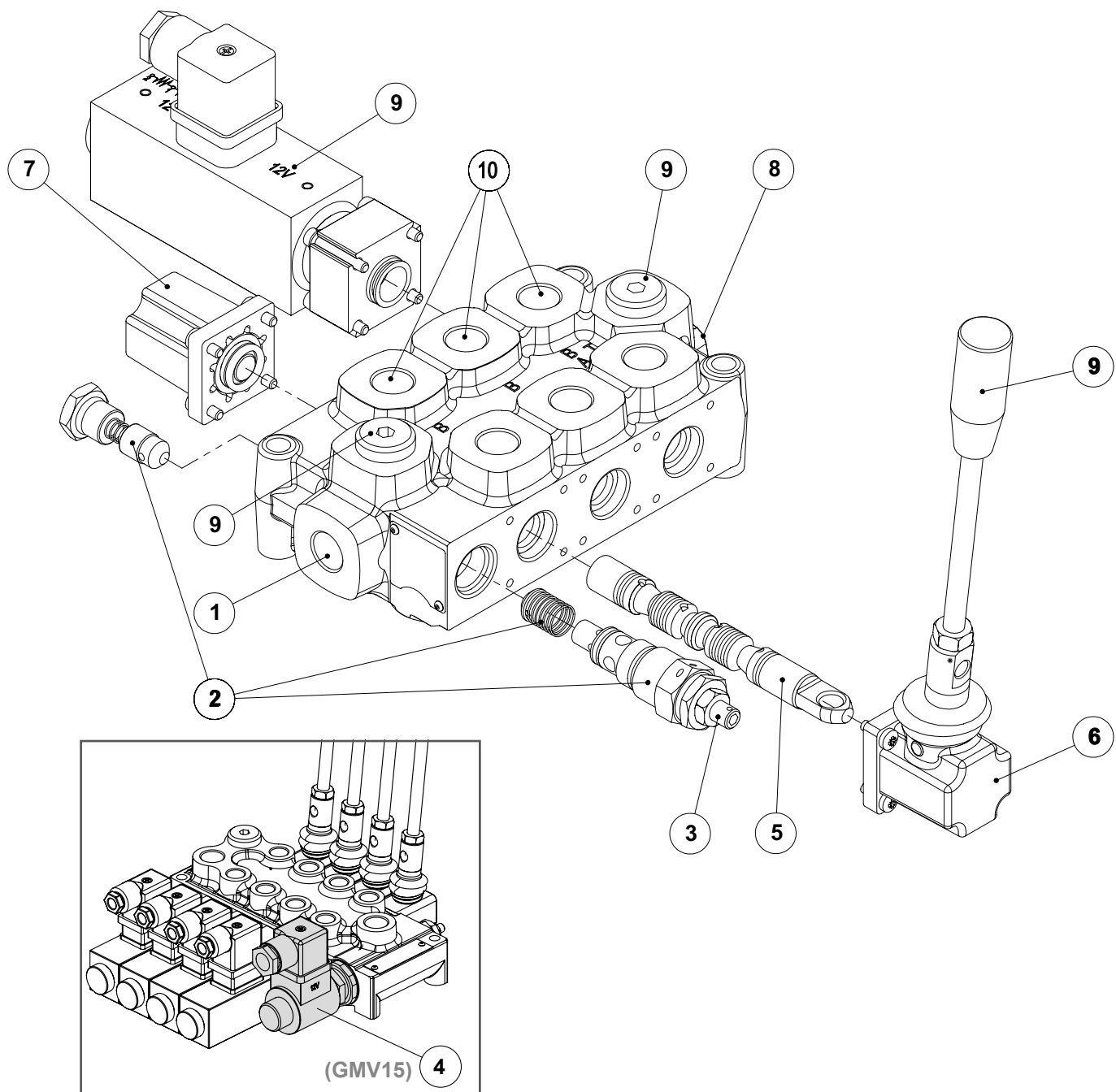
	Q35	Q15	GMV15	Q25	Q45	Q65	Q75	Q95
Numero massimo di sezioni di lavoro <i>Working sections maximum</i>	1	1	4	8	1	6	6	
Limiti temperatura olio <i>Oil temperature range</i>	-30 ÷ 80 °C							
Temperatura olio consigliata <i>Recommended oil temperature</i>	30° ÷ 60 °C							
Filtraggio consigliato <i>Recommended filtration</i>	26/23µm ISO DIS 4406							
Fluido <i>Hdraulic fluid</i>	Olio minerale <i>Mineral oil</i>							
Viscosità <i>Viscosity</i>	10 ÷ 400 mm ² /s							

Massa [Kg] <i>Weight (lbs)</i>								
		1	2	3	4	5	6	7
	1 Sezione di lavoro <i>Working section</i>	1.85 (4.1)	1.20 (2.6)	—	3.00 (6.6)	3.40 (7.5)	5.70 (12.6)	5.70 (12.6)
	2 Sezioni di lavoro <i>Working sections</i>	—	—	2.50 (5.5)	4.50 (9.9)	—	7.60 (16.8)	7.60 (16.8)
	3 Sezioni di lavoro <i>Working sections</i>	—	—	3.15 (6.9)	5.60 (12.3)	—	10.40 (22.9)	10.40 (22.9)
	4 Sezioni di lavoro <i>Working sections</i>	—	—	3.80 (8.4)	7.30 (16.1)	—	12.40 (27.3)	12.40 (27.3)
	5 Sezioni di lavoro <i>Working sections</i>	—	—	—	8.90 (19.6)	—	14.50 (32.0)	14.8 (32.6)
	6 Sezioni di lavoro <i>Working sections</i>	—	—	—	10.1 (22.3)	—	16.60 (36.6)	18.3 (40.4)
	7 Sezioni di lavoro <i>Working sections</i>	—	—	—	11.0 (24.3)	—	—	—
	8 Sezioni di lavoro <i>Working sections</i>	—	—	—	13.6 (30.0)	—	—	—

Pressioni massime di lavoro [bar] <i>Max working pressure (PSI)</i>	1 o 2 sezioni di lavoro <i>from 1 up to 2 sections</i>	300 (4350)	250 (3625)	280 (4060)	350 (5075)	350 (5075)	350 (5075)	350 (5075)
	3 sezioni <i>3 sections</i>	—	—	280 (4060)	320 (4640)	—	300 (4350)	300 (4350)
	da 4 a 8 sezioni <i>from 4 up to 8 sections</i>	—	—	280 (4060)	300 (4350)	—	270 (3915)	270 (3915)
Pressione massima sullo scarico [bar] <i>Max back pressure (PSI)</i>	25 (363)							
A richiesta, solo su monoblocco 1 o 2 sezioni, contropressione sullo scarico 180 bar (indicare la lettera "S" al termine del codice) On request, 1 or 2 section monoblock valve only, max back pressure allowable is 2610 PSI (indicate the letter "S" at the end of code)		•	—	—	•	•	—	—

ESEMPIO DI ORDINAZIONE IN CODICE ORDERING CODE EXAMPLE

Tipo Type	Fiancata d'ingresso Inlet section			2x	Sezione di lavoro Working section			Fiancata di scarico Outlet section	Note aggiuntive Additional notes	
Q25	F7S	R250	MSE		103	A1	M1	F3D	12V	2E
1	2	3	4		5	6	7	8	9	10



ESEMPIO DI ORDINAZIONE IN CODICE ORDERING CODE EXAMPLE

Tipo

1 - Tipo
Q35, Q15, GMV15, Q25, Q45, Q65, Q75, Q95

Indica il tipo di distributore; le caratteristiche dimensionali sono riportate da pag. A6 a pag. A21.

Type

1 - Type
Q35, Q15, GMV15, Q25, Q45, Q65, Q75, Q95

Indicates model valve, characteristics and dimensions found on pages A6 to page A21.

Fiancata d'ingresso

2 - Tipo fiancata d'ingresso (pag. A-22)

3 - Tipo molla e taratura valvola (pag. A-22)

Dove è presente la valvola VLP (fiancate F1S e F7S), deve essere specificato il tipo di molla (**B, N o R**) e la sua pressione di taratura; se quest'ultima viene omessa verrà montata la molla N tarata a **150** bar.

4 - Valvole aggiuntive alla fiancata di ingresso (pag. A-23).

Inlet section

2 - Inlet section type (page A-22)

3 - Type of spring and valve setting (page A-22)

*If valve VLP is installed (inlet section F1S and F7S), specify the type of spring (**B, N or R**) and its pressure setting. If omitted, spring N with a **150** bar setting will be installed.*

4 - Additional valves on the inlet section (page A-23)

Sezione di lavoro

I campi da 4 a 6 sono da ripetere per ogni sezione. Nel caso in cui due sezioni contigue siano identiche, è sufficiente descriverne solo una antepoendo **2x** al campo 4.

N.B. Il numero massimo complessivo di sezioni di lavoro sono indicate a pag. A3.

5 - Tipo cursore (pag. A-24)

6 - Tipo di comando (pag. A-28, A-32)

7 - Tipo posizionatore (pag. A-35)

Working section

*Fields 4 to 6 must be repeated for each section. If two adjacent sections are identical, just describe one and put **2x** before field 4.*

NOTE. The maximum overall number of working sections is indicated on page A3.

4 - Spool type (page A-24)

5 - Control type (page A-28, A-32)

6 - Positioner type (page A-35)

Fiancata di scarico

8 - Tipo fiancata di scarico (pag. A-62)

Outlet section

7 - Outlet section type (page A-62)

Note aggiuntive

9 - Note aggiuntive (pag. A-63)

10 - Numero elementi (pag. A-63)

Specificare il numero delle sezioni di lavoro (es. 2E) previste.

Additional notes

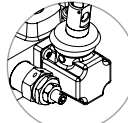
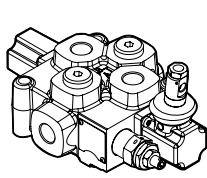
8 - Additional notes (page A-63)

9 - Number of sections (page A-63)

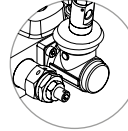
Specify the number of working sections needed (e.g. 2E).

Q25

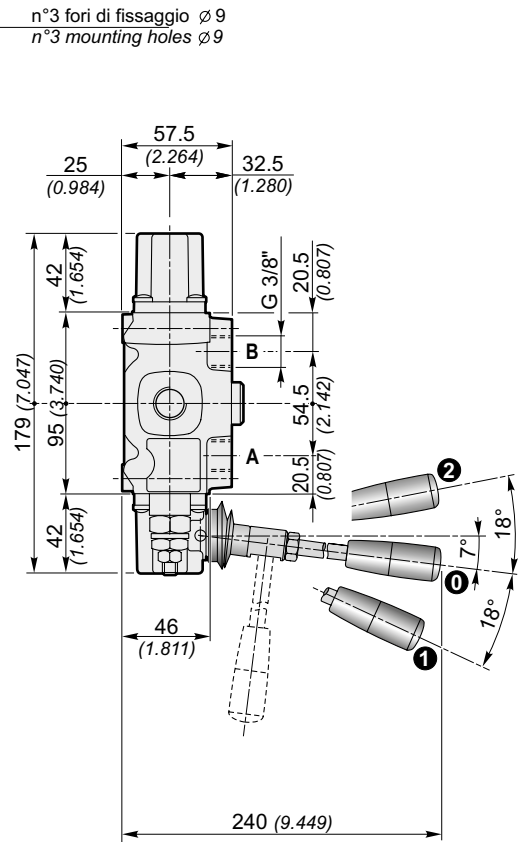
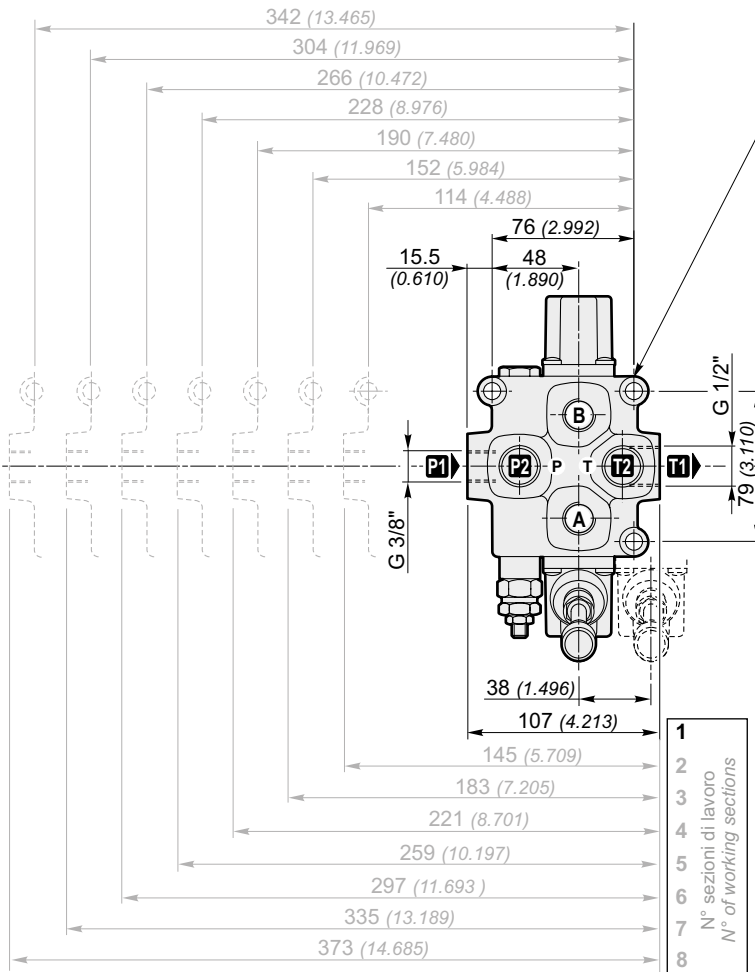
DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES



(Standard)
Comando e posizionatore in plastica
Control and positioner plastic



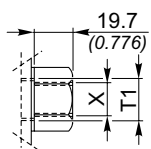
S
Comando e posizionatore in Alluminio
Control and positioner Aluminium



Filettature disponibili / Available ports

Bocche Ports	BSP (standard)	SAE
P1	G 3/8"	9/16" - 18UNF (SAE 6)
P2	G 3/8"	9/16" - 18UNF (SAE 6)
A-B	G 3/8"	9/16" - 18UNF (SAE 6)
T1	G 1/2"	7/8" - 14UNF (SAE 10)
T2	G 3/8"	9/16" - 18UNF (SAE 6)

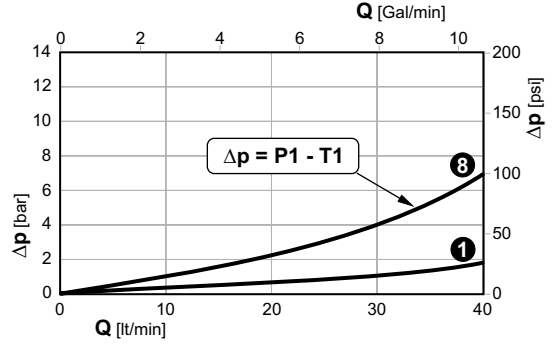
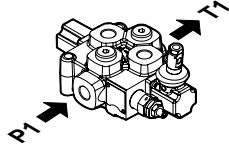
Tappo per carry-over (su uscita T1)
Carry-over plug (on T1 port)

	T1	X	
	G 1/2"	7/8"-14UNF (SAE 10)	G 3/8" G 1/2"
			3/4" - 16UNF (SAE 8)

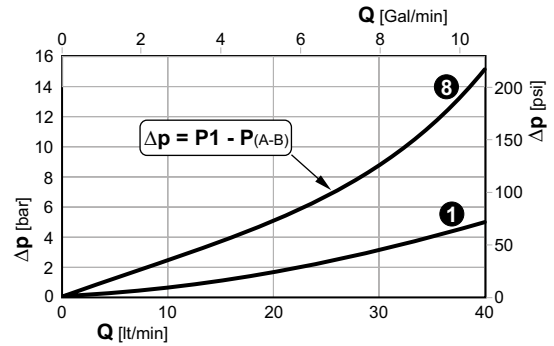
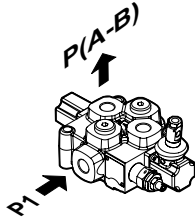
Q25

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES

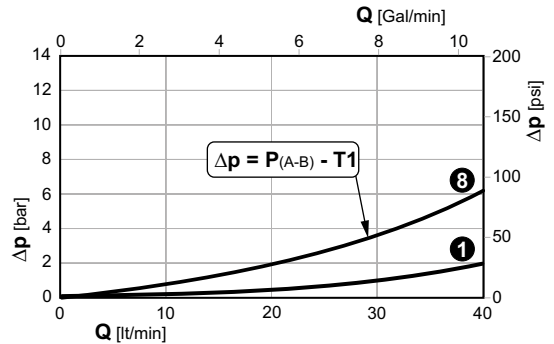
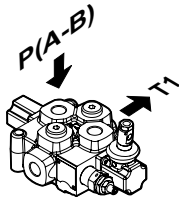
Perdite di carico con il cursore in posizione neutra
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in neutral position
(Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

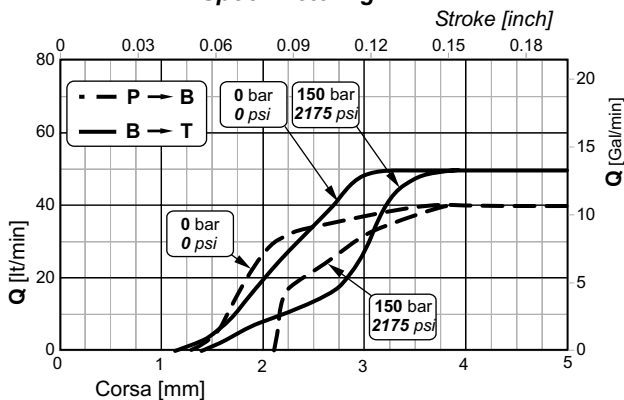


Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

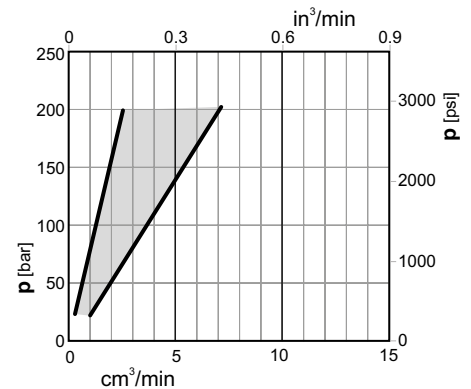


1 8 Sezioni / Sections

Curve di progressività
Spool metering



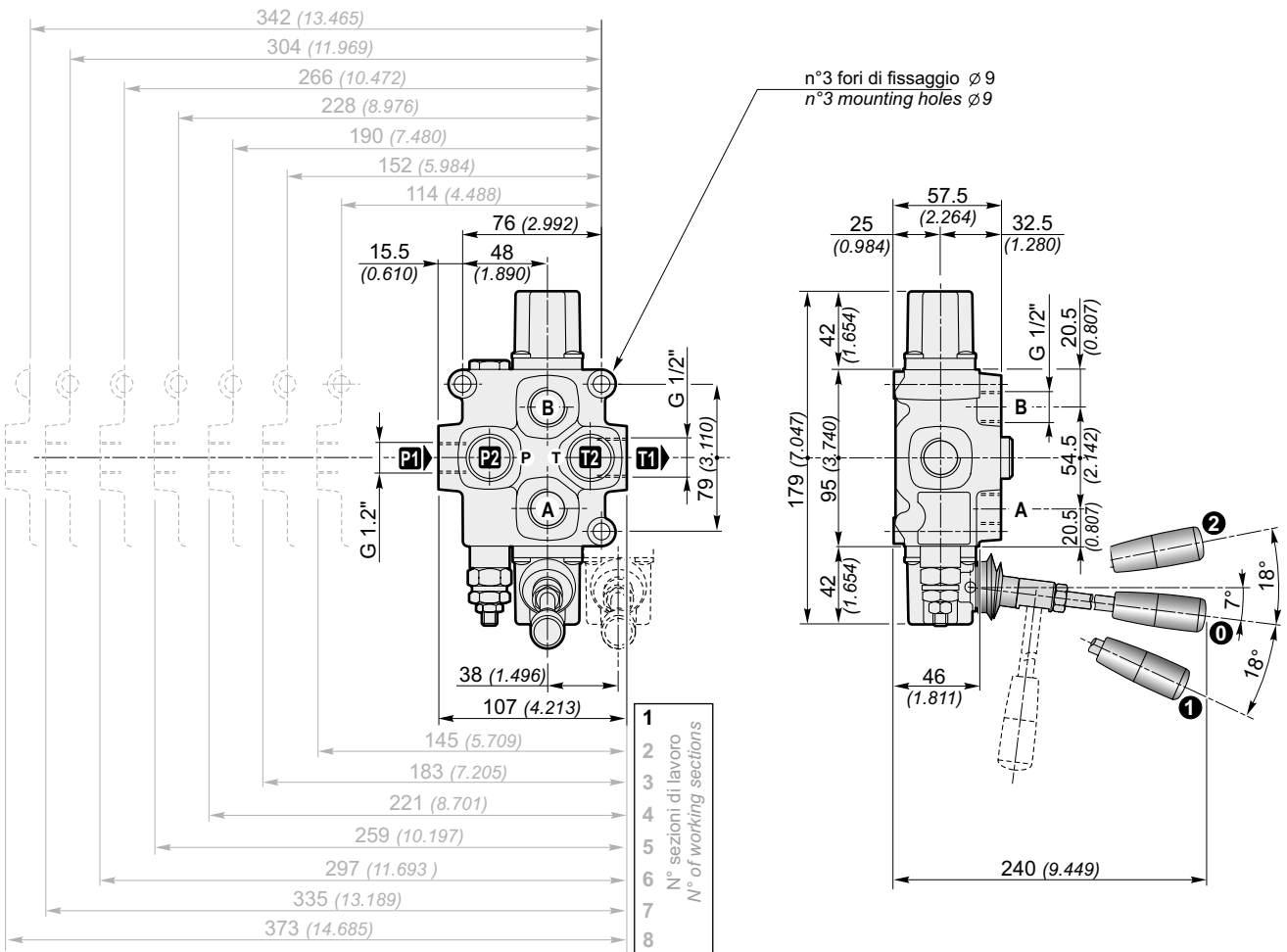
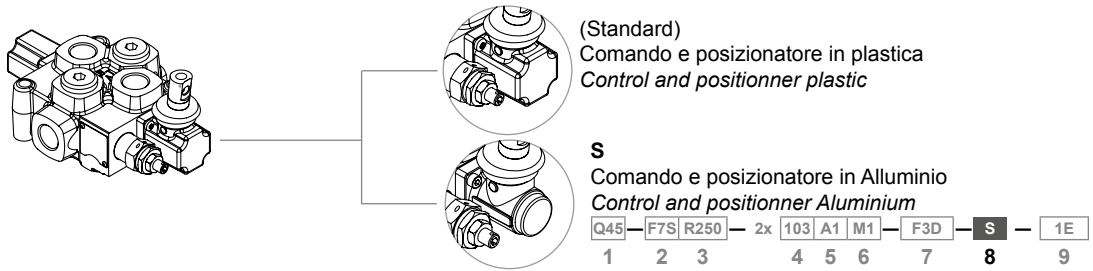
Trafilamenti sul cursore
Spool leakage



N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

Q45

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES



Q45 — F7S R250 — 2x 103 A1 M1 — F3D — 12V — 2E
1 2 3 5 6 7 8 9 10

Filettature disponibili / Available ports

Bocche Ports	BSP (standard)	SAE
P1	G 1/2"	3/4" - 16 UNF (SAE 8)
P2	G 1/2"	3/4" - 16 UNF (SAE 8)
A-B	G 1/2"	3/4" - 16 UNF (SAE 8)
T1	G 1/2"	7/8" - 14 UNF (SAE 10)
T2	G 1/2"	3/4" - 16 UNF (SAE 8)

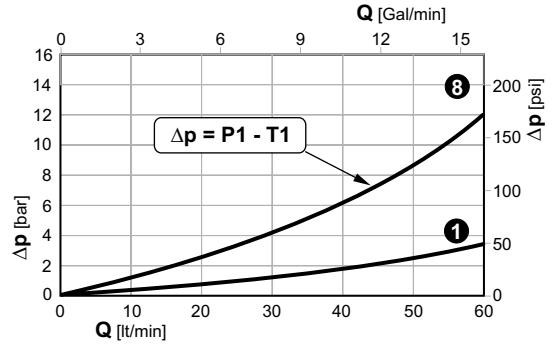
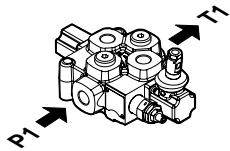
Tappo per carry-over (su uscita T1)
Carry-over plug (on T1 port)

	T1	X	
	G 1/2"	7/8"-14UNF (SAE 10)	3/4" - 16UNF (SAE 8) 7/8" - 14UNF (SAE 10)

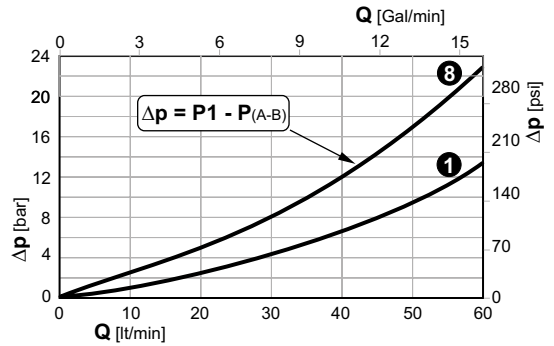
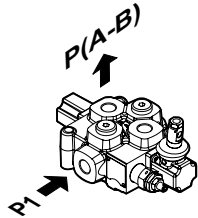
Q45

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES

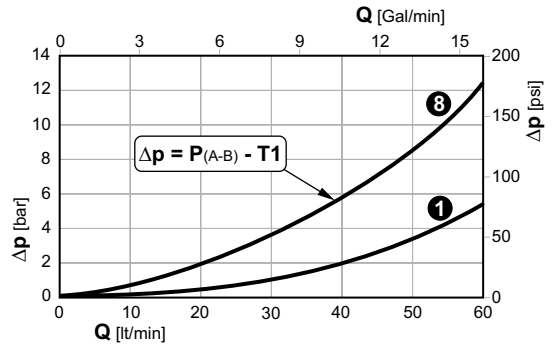
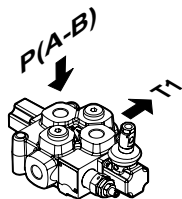
Perdite di carico con il cursore in posizione neutra
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in neutral position
(Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

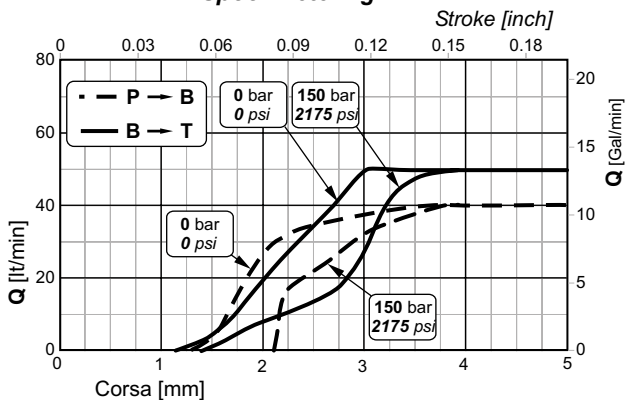


Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

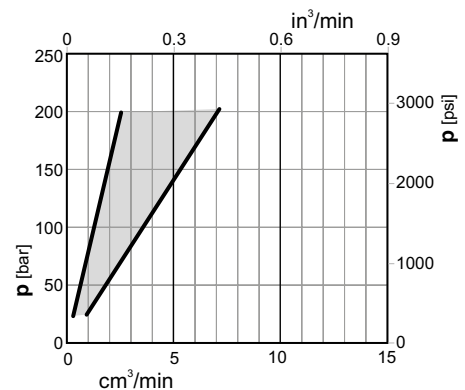


1 8 Sezioni / Sections

Curve di progressività
Spool metering



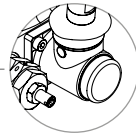
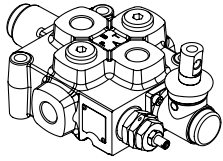
Trafilamenti sul cursore
Spool leakage



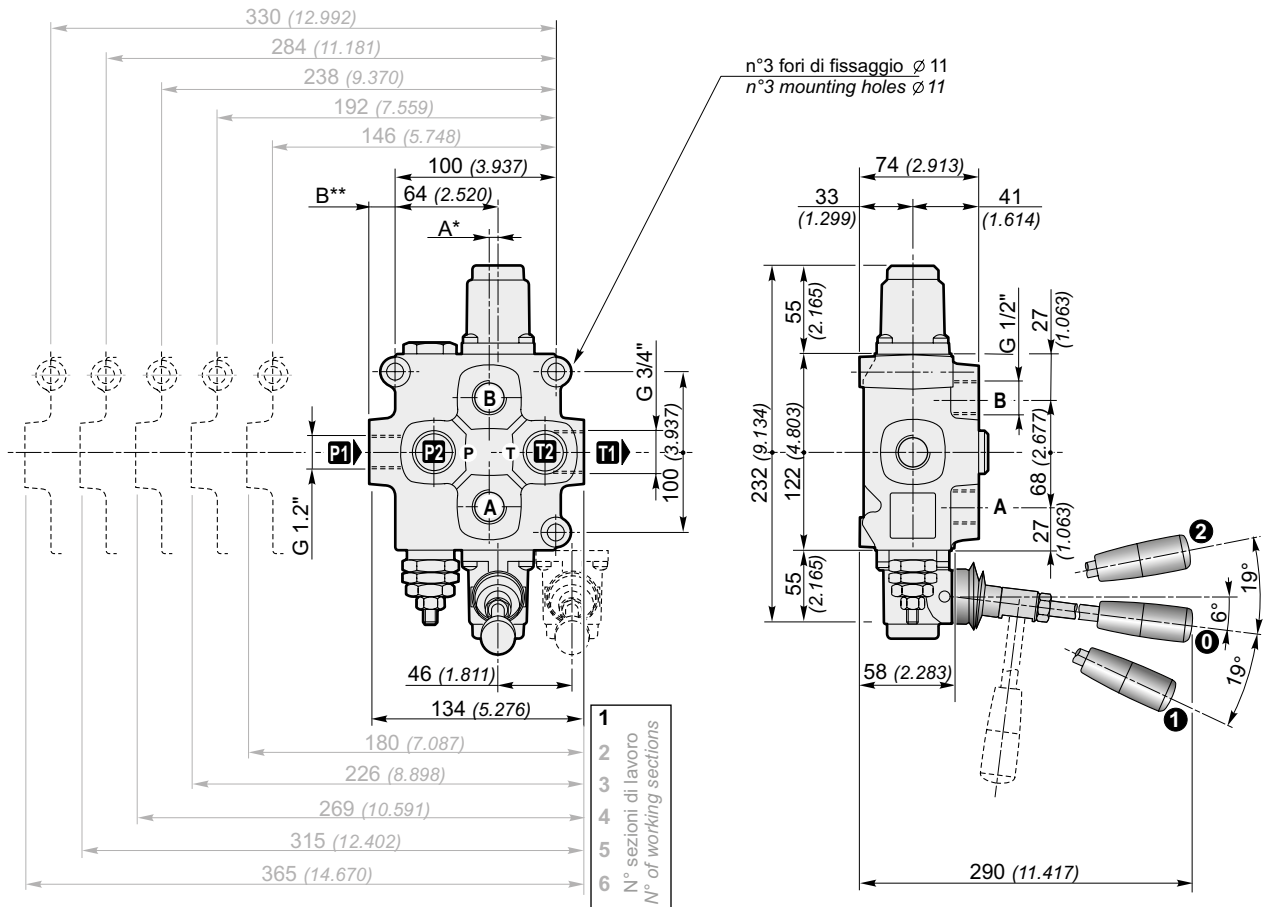
N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

Q75

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES



(Standard)
Comando e posizionatore in Alluminio
Control and positioner Aluminium



- * **A=5.5** per monoblocco ad 1 sezione, **A=0** per monoblocchi a 2, 3, 4, 5, 6 sezioni di lavoro
- * **A =5.5** for 1 working section, **A=0** for 2, 3, 4, 5 and 6 working sections
- ** **B=16** per monoblocco ad 1, 2, 3, 6 sezioni, **B=13** per monoblocchi a 4 e 5 sezioni di lavoro
- ** **B=16** for 1, 2, 3, 6 working section, **B=13** for 4 and 5 working sections



Filettature disponibili / Available ports

Bocche Ports	BSP (standard)	SAE
P1	G 1/2"	7/8" - 14 UNF (SAE 10)
P2	G 1/2"	7/8" - 14 UNF (SAE 10)
A-B	G 1/2"	7/8" - 14 UNF (SAE 10)
T1	G 3/4"	1" 1/16" - 12 UN (SAE 12)
T2	G 1/2"	7/8" - 14 UNF (SAE 10)

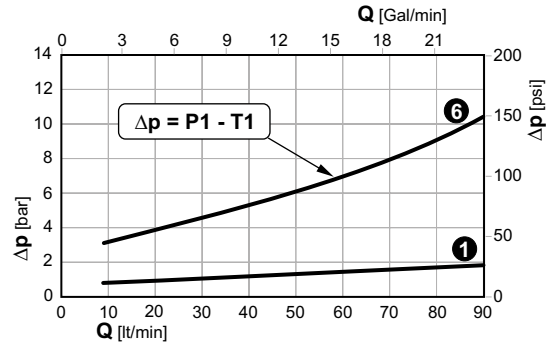
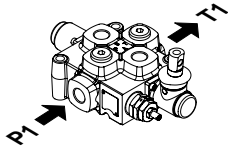
Tappo per carry-over (su uscita T1)
Carry-over plug (on T1 port)

		T1	X	
	G 3/4"	1" 1/16" - 12 UN (SAE 12)	G 1/2"	7/8" - 14 UNF (SAE 10)
			G 3/4"	

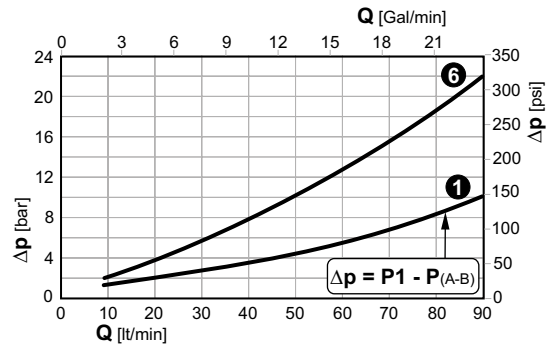
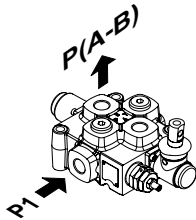
Q75

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES

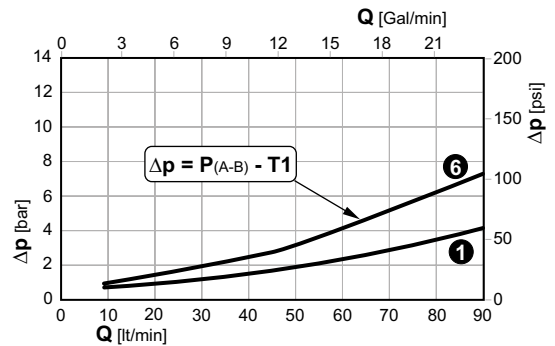
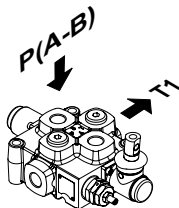
Perdite di carico con il cursore in posizione neutra
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in neutral position
(Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

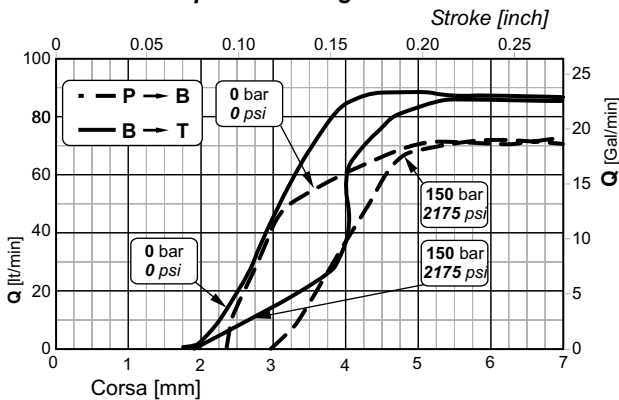


Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

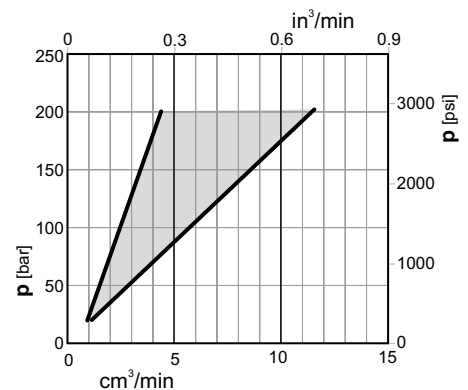


1 6 Sezioni / Sections

Curve di progressività
Spool metering



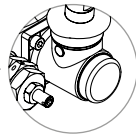
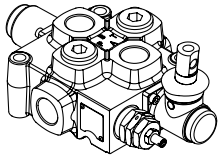
Trafilamenti sul cursore
Spool leakage



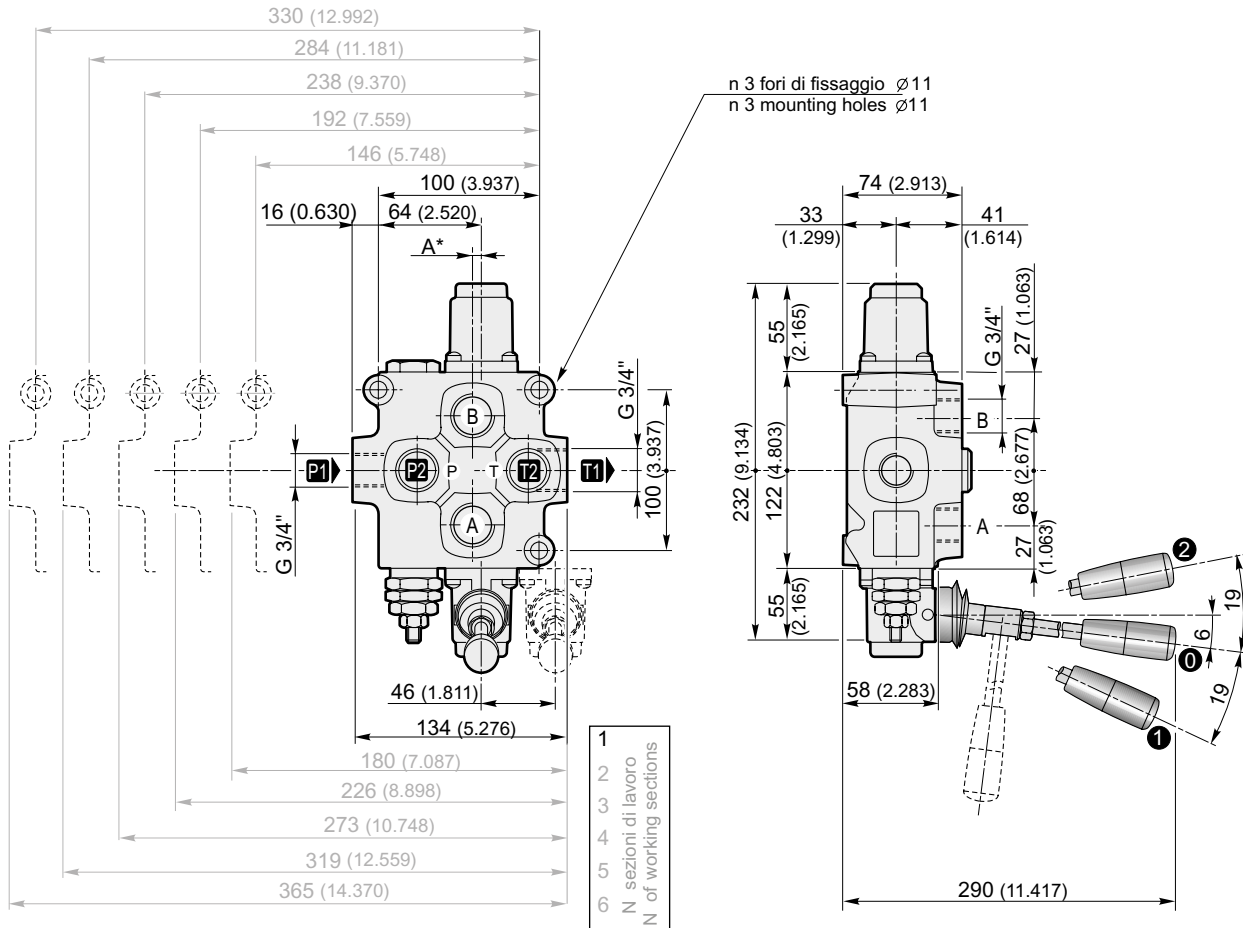
N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

Q95

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES



(Standard)
Comando e posizionario in Alluminio
Control and positioner Aluminium



* **A= 5.5** per monoblocco a 1 sezione; **A=0** per monoblocco a 2-3-5-6 sezioni di lavoro
* **A= 5.5** for 1 working section, **A=0** for 2-3-5-6 working section



Filettature disponibili / Available ports

Bocche Ports	BSP (standard)	SAE
P1	G 3/4"	1" 1/16" - 12 UN (SAE 12)
P2	G 3/4"	1" 1/16" - 12 UN (SAE 12)
A-B	G 3/4"	1" 1/16" - 12 UN (SAE 12)
T1	G 3/4"	1" 1/16" - 12 UN (SAE 12)
T2	G 3/4"	1" 1/16" - 12 UN (SAE 12)

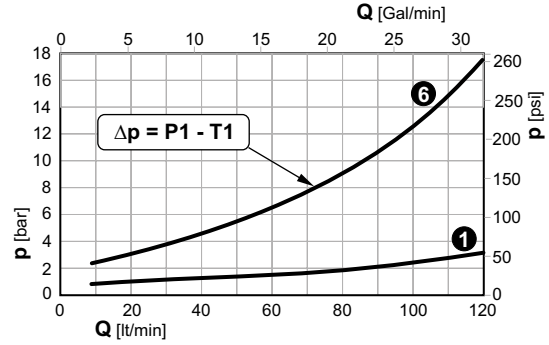
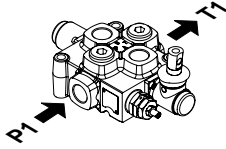
Tappe per carry-over (su uscita T1)
Carry-over plug (on T1 port)

		T1	X	
	G 3/4"	1" 1/16" - 12 UN (SAE 12)	G 3/4"	7/8" - 14 UNF (SAE 10)

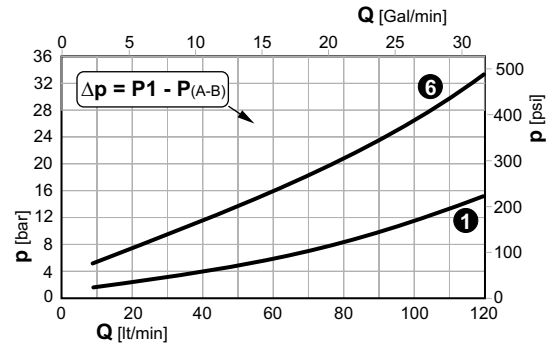
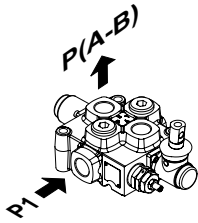
Q95

DISTRIBUTORI MONOBLOCCO MONOBLOCK DIRECTIONAL CONTROL VALVES

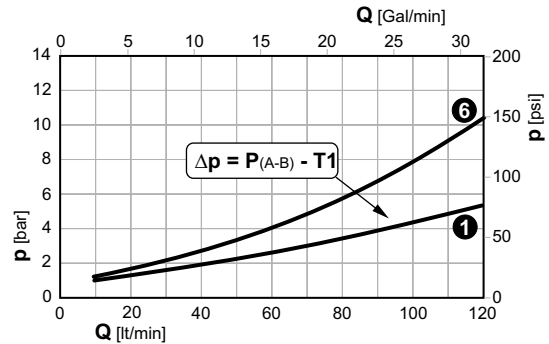
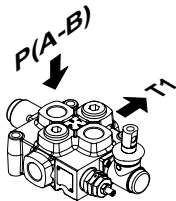
Perdite di carico con il cursore in posizione neutra
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in neutral position
(Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

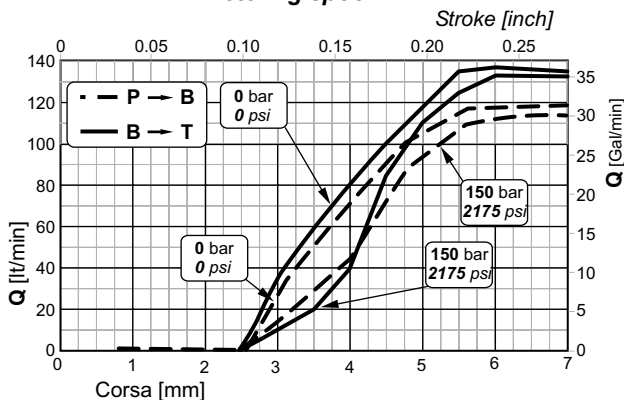


Perdite di carico con il cursore in posizione di lavoro
(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
(Δp depending on the number of the crossed sections)

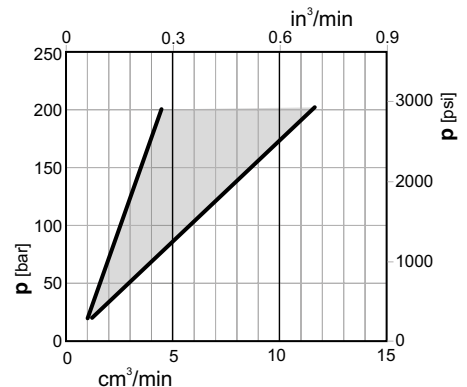


1 6 Sezioni / Sections

Curve di progressività
Metering spool



Trafilamenti sul cursore
Spool leakage



N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

Fiancata d'ingresso

Inlet section

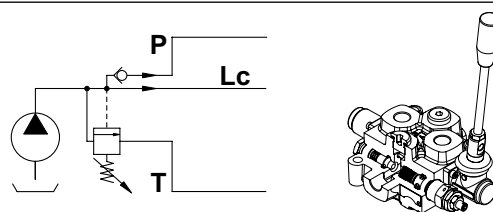


2 - Tipo fiancata d'ingresso / Inlet section type

	Q35	Q15	GMV 15	Q25	Q45	Q65	Q75	Q95
F1S			•	•	•		•	•
F2S			•	•	•		•	•
F7S	•	•	•	•	•	•	•	•
F8S	•	•	•	•	•	•	•	•

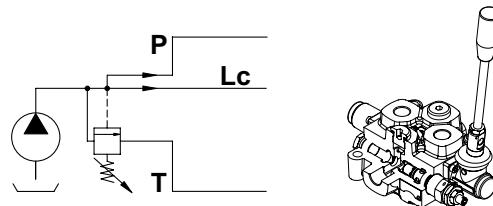
F1S F1S/SAE

Collettore di entrata con valvola di ritegno VR e valvola limitatrice di pressione VLP
Inlet section with check (VR) and relief valves VLP



F7S

Collettore di entrata con valvola limitatrice di pressione VLP
Inlet section with relief valve VLP



3 - Tipo molla e taratura valvola

Dove è presente la valvola VLP (fiancate F1S e F7S), deve essere specificato il tipo di molla (**B**, **N** o **R**) e la sua pressione di taratura; **se quest'ultima viene omessa, verrà messa la molla N tarata a 150 bar.**

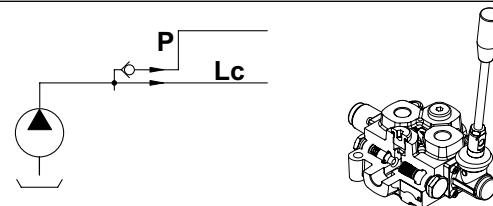
3 - Type of spring and valve setting

If valve VLP is installed (inlet section F1S and F7S), specify the type of spring (B, N or R) and its pressure setting. If omitted, spring N with a 150 bar setting will be installed.

R	Campi di taratura / Calibration fields				
	bar (psi)	bar (psi)	bar (psi)		
Tipo di molla per la VLP <i>Type of spring for relief valve</i>					
250	Taratura della VLP <i>VLP Setting</i>	35S / 65S / 105S	10 ÷ 80 (145 ÷ 1160)	81 ÷ 200 (1175 ÷ 2900)	201 ÷ 380 (2915 ÷ 5510)
		15S	0 ÷ 120 (0 ÷ 1740)	100 ÷ 280 (1450 ÷ 2900)	—

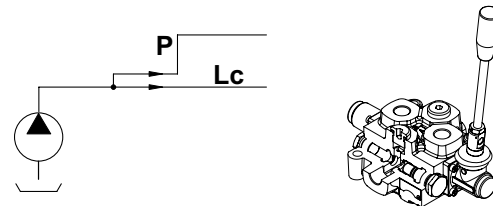
F2S

Collettore di entrata con valvola di ritegno VR
Inlet sections with check valve VR



F8S

Collettore di entrata senza valvole
Inlet section without valves



Fiancata d'ingresso

Inlet section

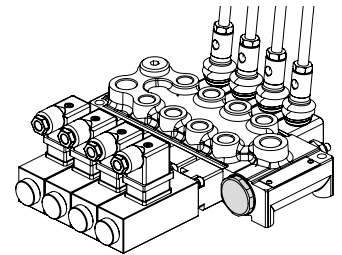
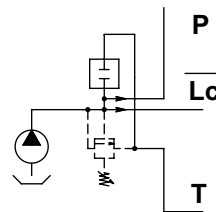


4 - Valvole aggiuntive alla fiancata (facoltativo) / Additional valves to the inlet section (optional)

		Q35	Q15	GMV 15	Q25	Q45	Q65	Q75	Q95
PMS	Collettore di entrata con predisposizione per valvola di messa a scarico elettrica (diretta) <i>Inlet section presets for electrical outlet release valve (direct)</i>			•					
MSE	Collettore di entrata con valvola di messa a scarico elettrica (diretta) <i>Inlet section with electrical outlet release valve (direct)</i>			•					

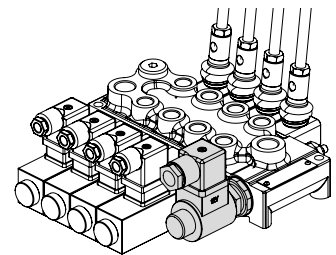
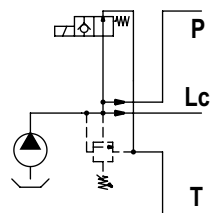
PMS

Collettore di entrata con predisposizione per valvola di messa a scarico elettrica (diretta)
Inlet section presets for electrical outlet release valve (direct)



MSE

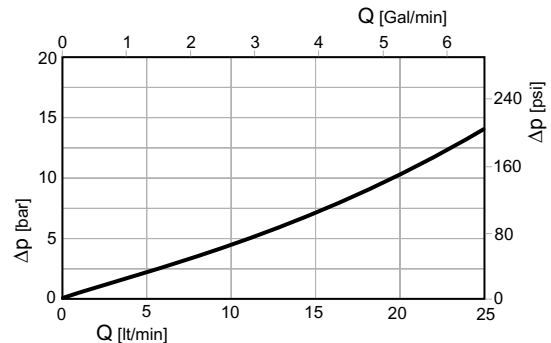
Collettore di entrata con valvola di messa a scarico elettrica (diretta)
Inlet section with electrical outlet release valve (direct)



N.B.
Specificare tensione e schema dell'elettrovalvola
Specify voltage and type of the solenoid operated valve

Tensione Voltage	Schema Scheme	
12 V.DC	N.C.	Normalmente chiusa <i>Usually closed</i>
24 V.DC	N.A.	Normalmente aperta <i>Usually open</i>

Perdite di carico del distributore con valvola di messa a scarico elettrica aperta.
Directional control valve pressure drop with electrical outlet release valve open.



Sezione di lavoro

Working section



5 - Tipo cursore / Spool type

Cursori / Spools

			Q35	Q15	GMV 15	Q25	Q45	Q65	Q75	Q95
101	Semplice effetto in A	Single acting in A port	•	•	•	•	•	•	•	•
102	Semplice effetto in B	Single acting in B port	•	•	•	•	•	•	•	•
103	Doppio effetto, A e B chiusi in posizione 0	Double acting A and B closed in 0 position	•	•	•	•	•	•	•	•
103RN	Doppio effetto a ricoprimento negativo	Double acting with negative overlap	•	•				•		
106	Doppio effetto, passaggi chiusi in posizione 0	Double acting, ports closed in 0 position				•	•		•	•
107	Doppio effetto, A in T e B chiuso in posizione 0	Double acting, A to T and B closed in 0 position				•	•		•	•
108	Doppio effetto, B in T e A chiuso in posizione 0	Double acting, B to T and A closed in 0 position				•	•		•	•
109	Semplice effetto in A, A in T in posizione 0	Single acting in A, A to T in 0 position				•	•		•	•
110	Semplice effetto in B, B in T in posizione 0	Single acting in B, B to T in 0 position				•	•		•	•
111	Doppio effetto, A e B in T in posizione 0	Double acting, A and B to T in 0 position	•	•	•	•	•	•	•	•
114	Doppio effetto, A e B in T e Lc chiusa in posizione 0	Double acting, A and B to T and through passage closed in 0 position				•	•		•	•
116*	Doppio effetto con 4ª posizione flottante	Double acting with 4th position floating		•	•	•	•		•	•
126*	Doppio effetto con 4ª posizione flottante	Double acting with 4th position floating		•	•	•	•		•	•

* Limitazioni / Limitations

Cursore Spools	Applicabile con: / Applicable with:	
	Comando / Control	Posizionatore / Positioner
116	A1-Z1 / A2-Z1 / A4-Z1 / A6-Z1 / A8-Z1	R8
126	A1 / A2 / A4 / A5 / A6 / A8 / SL / SLA15 / A15 / A16	R10-Z1

101

Semplice effetto in A
Single acting in A port

Q25-Q45
Q75-Q95

Q15
Q35
Q65

103RN

Doppio effetto a ricoprimento negativo
Double acting with negative overlap

102

Semplice effetto in B
Single acting in B port

Q25-Q45
Q75-Q95

Q15
Q35
Q65

106

Doppio effetto, passaggi chiusi in posizione 0
Double acting, ports closed in 0 position

103

Doppio effetto, A e B chiusi in posizione 0
Double acting, A and B closed in 0 position

Q25-Q45
Q75-Q95

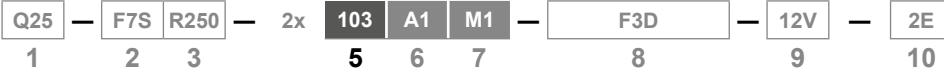
Q15
Q35
Q65

107

Doppio effetto, A in T e B chiuso in posizione 0
Double acting, A to T and B closed in 0 position

Sezione di lavoro

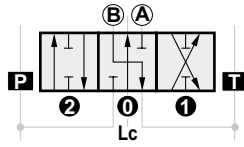
Working section



Cursori / Spools

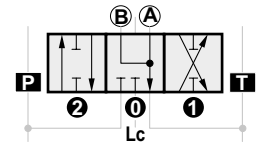
108

Doppio effetto, B in T e A chiuso in posizione 0
 Double acting, B to T and A closed in 0 position



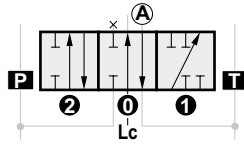
114

Doppio effetto, A e B in T e Lc chiusa in posizione 0
 Double acting, A and B to T and through passage closed in 0 position



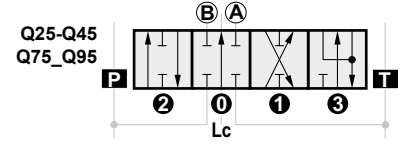
109

Semplice effetto in A, A in T in posizione 0
 Single acting in A, A to T in 0 position



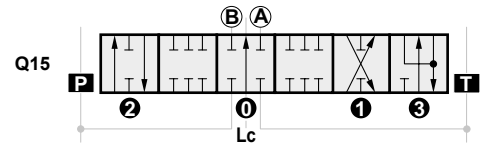
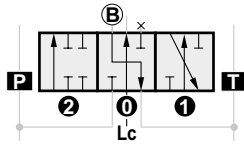
116

Doppio effetto con 4ª posizione flottante
 Double acting with 4th position floating



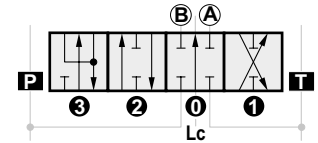
110

Semplice effetto in B, B in T in posizione 0
 Single acting in B, B to T in 0 position



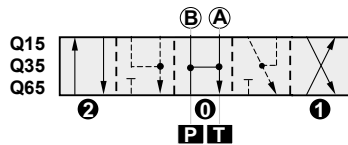
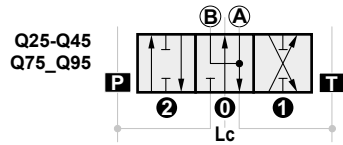
126

Doppio effetto con 4ª posizione flottante
 Double acting with 4th position floating



111

Doppio effetto, A e B in T in posizione 0
 Double acting, A and B to T in 0 position



Sezione di lavoro

Working section



A1 **A1/Z1**

A1: Comando manuale con leva standard
 A1: Hand control with standard lever



A1/Z1: Versione con kit distanziale per il montaggio del cursore 116
 A1/Z1: Version with spacer kit for installation of spool 116

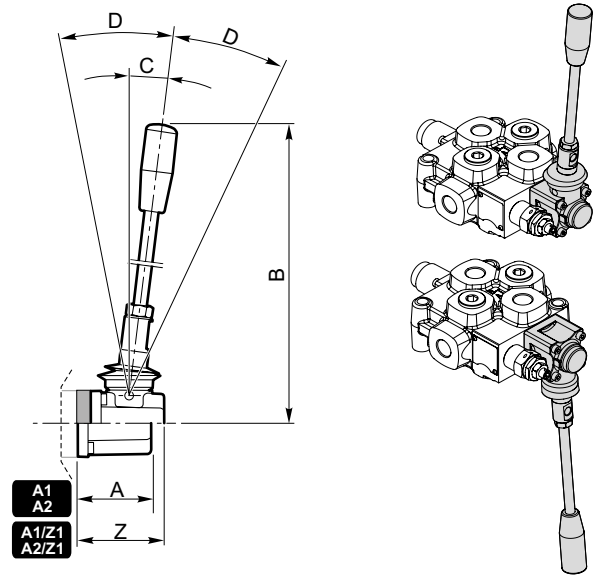
A2 **A2/Z1**

A2: Comando manuale con leva standard ruotata di 180°
 A2: Hand control with standard lever rotated 180°



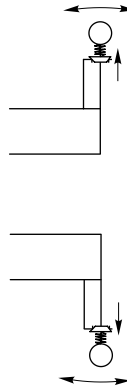
A2/Z1: Versione con kit distanziale per il montaggio del cursore 116
 A2/Z1: Version with spacer kit for installation of spool 116

	A	B	C	D	Z
Q15 GMV15	35 (1.378)	211 (8.307)	7°	14°	44 (1.732)
Q35 Q25 - Q45	42 (1.654)	211 (8.307)	5°	13°	50.5 (1.988)
Q65 Q75 - Q95	55 (2.165)	260 (10.236)	6°	19°	68.5 (2.697)



A1S

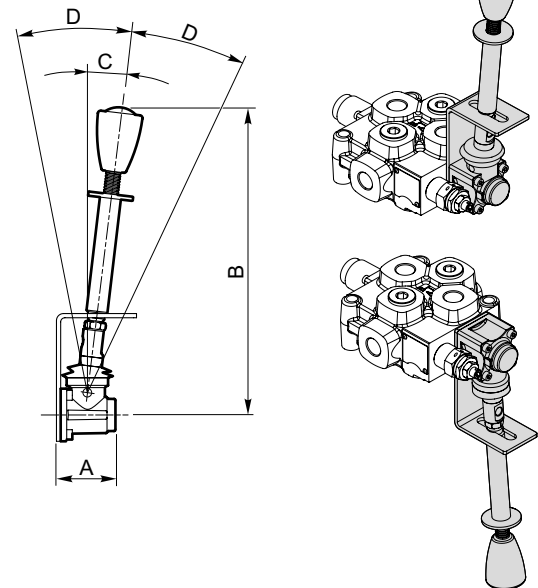
A1S: Comando manuale con leva di sicurezza
 A1S: Hand control with safety lever



A2S

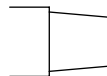
A2S: Comando manuale con leva di sicurezza ruotata di 180°
 A2S: Hand control with safety lever rotated 180°

	A	B	C	D
Q35 Q25 - Q45	42 (1.654)	225 (8.858)	5°	13°
Q65 Q75 - Q95	55 (2.165)	256 (10.079)	6°	19°

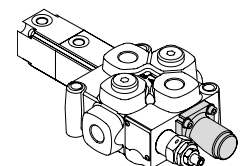


A3

Scatola di protezione in sostituzione del comando manuale con leva
 Proof cap replacing hand control with lever



	A
Q25 - Q45	42 (1.654)
Q75 - Q95	55 (2.165)



Sezione di lavoro

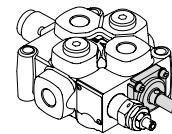
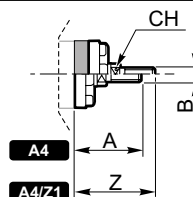
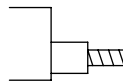
Working section



A4

A4/Z1

A4: Attacco diretto sul cursore per rinvio a distanza rigido
 A4: Direct control connection on spool for stiff remote control

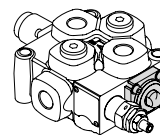
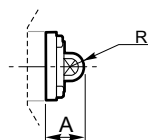
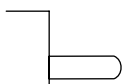


A4/Z1: Versione con kit distanziale per il montaggio del cursore 116
 A4/Z1: Version with spacer kit for installation of spool 116

	A	B	CH	Corsa Stroke	Z
Q25 - Q45	39 (1.535)	M8	9 (0.354)	±5 (0.197)	47.5 (1.870)
Q65 Q75 - Q95	53 (2.087)	M10	14 (0.551)	±7 (0.276)	66.5 (2.618)

A5

Attacco diretto sul cursore con terminale sferico (da utilizzare solo con il posizionamento M4 (2-1))
 Direct control connection on spool with spherical end (Control to be used for positioning M4 (2-1))0

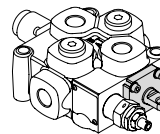
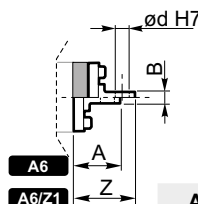
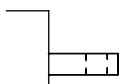


	A	R	Corsa Stroke
Q35	22	6.85	±5
Q25 - Q45	(0.866)	(0.270)	(0.197)
Q65 Q75 - Q95	33 (1.299)	8.75 (0.344)	±7 (0.276)

A6

A6/Z1

A6: Attacco diretto sul cursore con terminale ad occhio fisso
 A6: Direct control connection on spool eye end



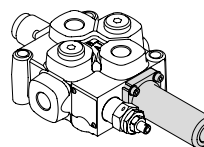
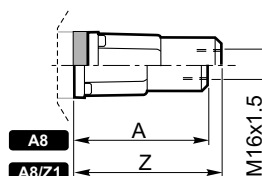
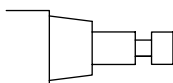
A6/Z1: Versione con kit distanziale per il montaggio del cursore 116
 A6/Z1: Version with spacer kit for installation of spool 116

	A	B	d	Corsa Stroke	Z
Q35	20	6	9	±5	28.5
Q25 - Q45	(0.787)	(0.236)	(0.354)	(0.197)	(1.122)
Q65 Q75 - Q95	27 (1.063)	7 (0.276)	11 (0.433)	±7 (0.276)	40.5 (1.594)

A8

A8/Z1

A8: Attacco diretto sul cursore per cavo flessibile rinvio a distanza
 A8: Direct connection on spool for remote flexible control



A8/Z1: Versione con kit distanziale per il montaggio del cursore 116
 A8/Z1: Version with spacer kit for installation of spool 116

	A	Z
Q25 - Q45	73 (2.874)	81.5 (3.209)
Q65 Q75 - Q95	77 (3.031)	90.5 (3.563)

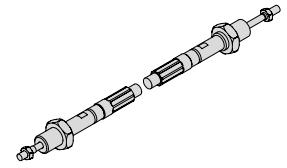
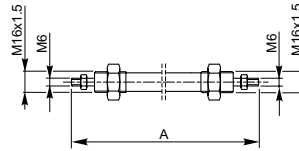
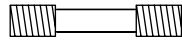
Sezione di lavoro

Working section



C1

Cavo flessibile
Flexible cable



A

Q25 - Q45
Q75 - Q95

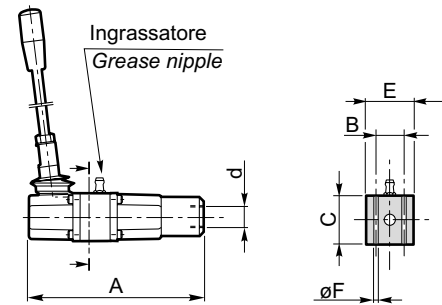
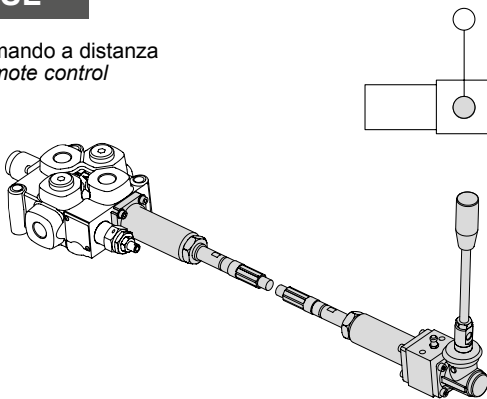
Massima lunghezza cavo consigliata 4000 mm
Raggio min. di curvatura 200mm
Max. recommended length 4000 mm
Minimum radius curve 200 mm

Dove è utilizzato il cavo flessibile C1, è necessario indicare la lunghezza del cavo espressa in mm.
Esempio per un cavo lungo 1000 mm: **A8-C1x1000-SL**

Indicate the cable length in mm when flexible cable C1 is used.
E.g.: for a cable 1000 mm in length: **A8-C1x1000-SL**

SL

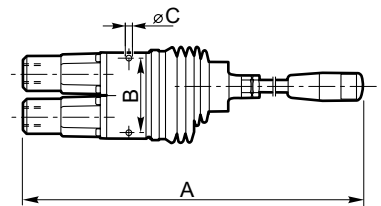
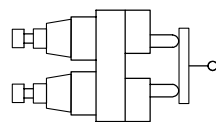
Comando a distanza
Remote control



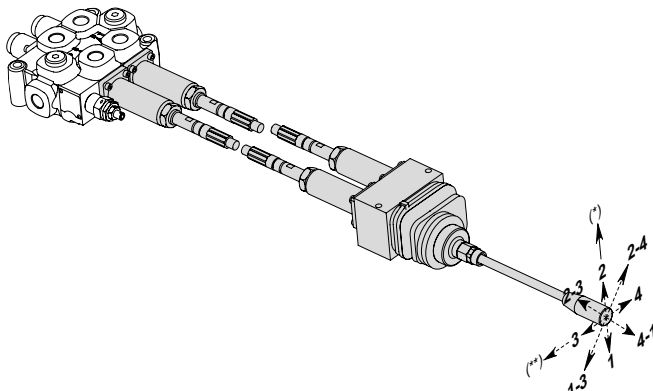
	A	B	C	d	E	F
Q25 - Q45	135 (5.315)	26 (1.024)	40 (1.575)	M16x1.5	38 (1.496)	5.5 (0.217)
Q75 - Q95	172 (6.772)	33.5 (1.319)	45 (1.772)		45 (1.772)	6.5 (0.256)

SLA15

Comando a cloche per controllo
simultaneo di due cursori a distanza
Remote dual axis control for
simultaneous operation of two spools



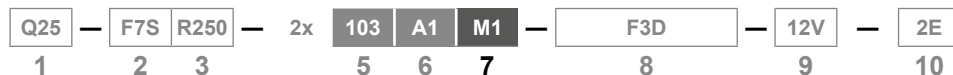
	A	B	Ø d
Q25 - Q45	358 (14.094)	77 (3.031)	6.5 (0.256)
Q75 - Q95			



Eventuale cassetto con 4^a pos. (solo cod.126)
Optional spool with 4th position (only code 126)
(* su 1^a sezione / on 1st section
(**) su 2^a sezione / on 2nd section

Sezione di lavoro

Working section



M1

Tre posizioni ritorno a molla in pos.0
Three positions spring centred in 0



M2

Due posizioni 0-1 ritorno a molla in pos.0
Two positions spring 0-1 centred in 0



M3

Due posizioni 0-2 ritorno a molla in pos.0
Two positions spring 0-2 centred in 0



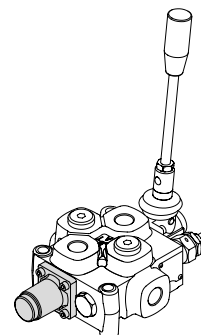
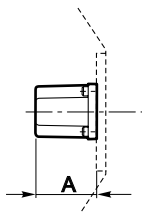
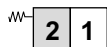
M4 (1-2)

Due posizioni estreme ritorno a molla in pos.1
Two end positions spring back in 1



M4 (2-1)

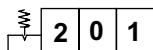
Due posizioni estreme ritorno a molla in pos.2
Two end positions spring back in 2



	A			
	M1	M2	M3	M4 2-1
Q15	22.5	22.5	22.5	
GMV15	(0.886)	(0.886)	(0.886)	
Q35	42	42	42	42
Q25 - Q45	(1.654)	(1.654)	(1.654)	(1.654)
Q65	55	55	55	55
Q75 - Q95	(2.165)	(2.165)	(2.165)	(2.165)

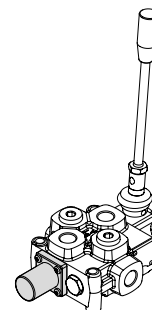
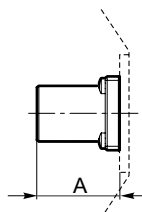
R0

Posizionamento frizionato
Friction positioner

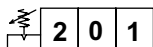


Q35 - Q25 - Q45

Frizione non registrabile
Not adjustable friction

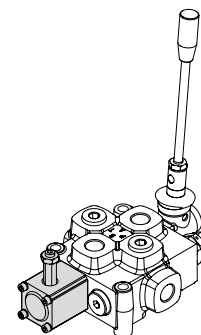
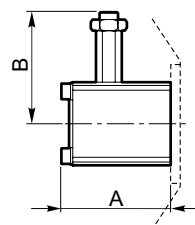


	A
Q25 - Q35 - Q45	42 (1.654)



Q65 - Q75 - Q95

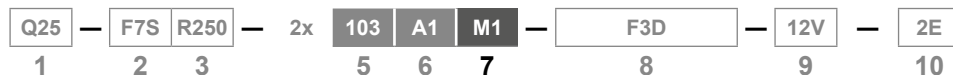
Frizione registrabile
Adjustable friction



	A	B
Q65 - Q75 - Q95	59 (2.323)	60 (2.362)

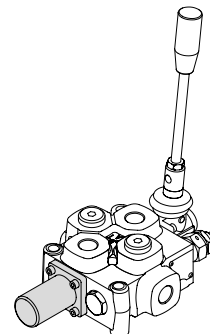
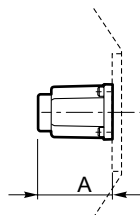
Sezione di lavoro

Working section



R1

Tre posizioni ritorno a molla in pos.0, detent in pos.1
 Three positions spring centred in 0, detent in 1



R2

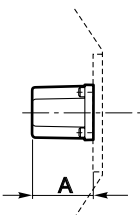
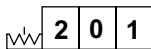
Tre posizioni ritorno a molla in pos.0, detent in pos.2
 Three positions spring centred in 0, detent in 2



	A	
	R1	R2
Q35	52	54
Q25 - Q45	(2.047)	(2.126)
Q65	70	68.5
Q75 - Q95	(2.756)	(2.697)

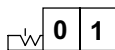
R3

Tre posizioni in detent
 Three positions detent



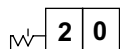
R4

Due posizioni in detent 0-1
 Two positions detent 0-1



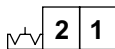
R5

Due posizioni in detent 0-2
 Two positions detent 0-2

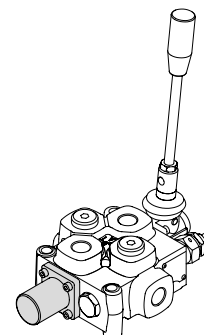


R6

Due posizioni in detent 1-2
 Two positions detent 1-2

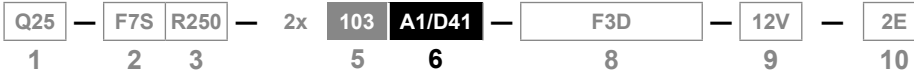


	A			
	R3	R4	R5	R6
Q15	22	22	22	
GMV15	(0.866)	(0.866)	(0.866)	
Q35	42	42	42	42
Q25 - Q45	(1.654)	(1.654)	(1.654)	(1.654)
Q65	55	55	55	55
Q75 - Q95	(2.165)	(2.165)	(2.165)	(2.165)



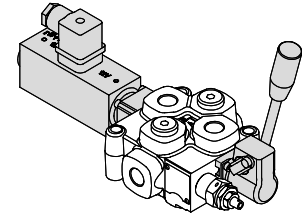
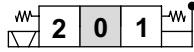
Sezione di lavoro

Working section



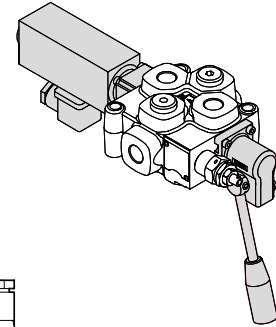
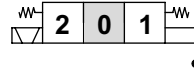
A1/D41

Comando elettrico diretto doppio ON/OFF con ritorno a molla in posizione 0
 ON/OFF double direct electrical control with spring centred in 0

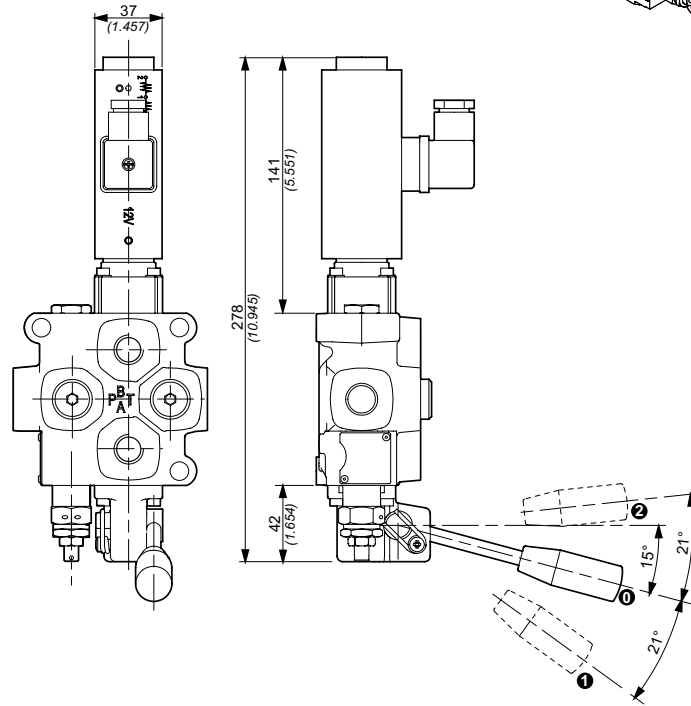


A2/D41

Comando elettrico diretto doppio ON/OFF ruotato di 180° con ritorno a molla in posizione 0
 180° rotated ON/OFF double direct electrical control with spring centred in 0



Connessione Connection		
	1 - 2	Effetto A Port A
	1 - 3	Effetto B Port B



Dimensioni in / Dimensions in: mm (inch)

Caratteristiche tecniche elettromagnete / Electromagnet technical features		
Tipo distributore / Valve type	Q25	Q45
Attacco magnete / Magnet connection	Tipo/Type DIN 43650 (vers. A)	
Tipo protezione / Protection type	IP65	
Classe d'isolamento / Coil insulation class	H	
Tensione di alimentazione / Supply voltage	12V D.C./24V D.C.	
Variazione di tensione max / Maximum voltage tolerance	±10%	
Potenza assorbita / Absorbed power supply	58W	
Rapporto di massimo utilizzo / Maximum utilization ratio	100%	
Caratteristiche tecniche distributore / Directional control valve characteristics		
Portata max (lt/min) / Max. flow (Gal/min)	50 (13)	60 (16)
Pressione max di lavoro / Max. working pressure	275 bar (3988 PSI)	
Contropressione max sullo scarico / Max. back outlet pressure	25 bar (3363 PSI)	
Manovra di emergenza o in assenza di corrente / Emergency operation or in case of power failure	Con leva / With lever	
Trafilamento max di A e B in T a 100 bar con viscosità 35 mm ² /s Max. spool leakage of A and B ports to T port at 1450 PSI with viscosity 35 mm ² /s	5 cm ³ /min	

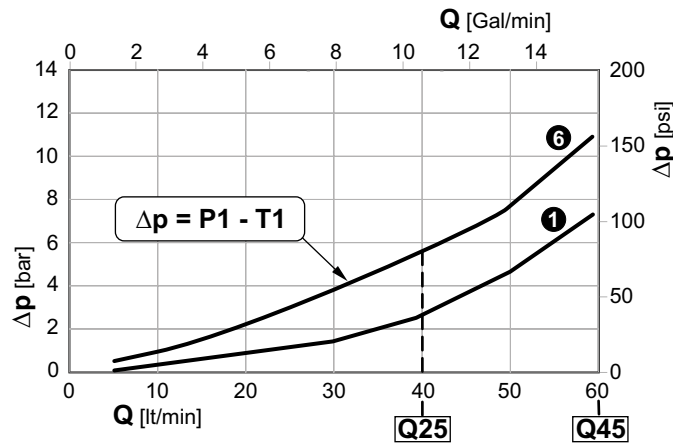
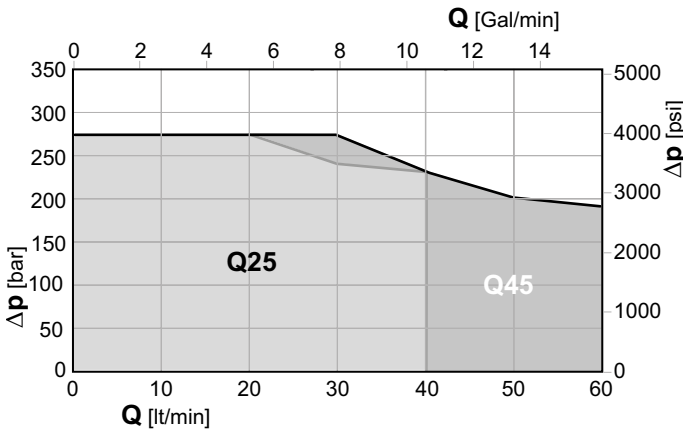
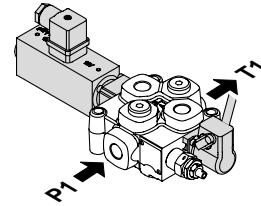
Sezione di lavoro

Working section

Limiti d'impiego / Use limits

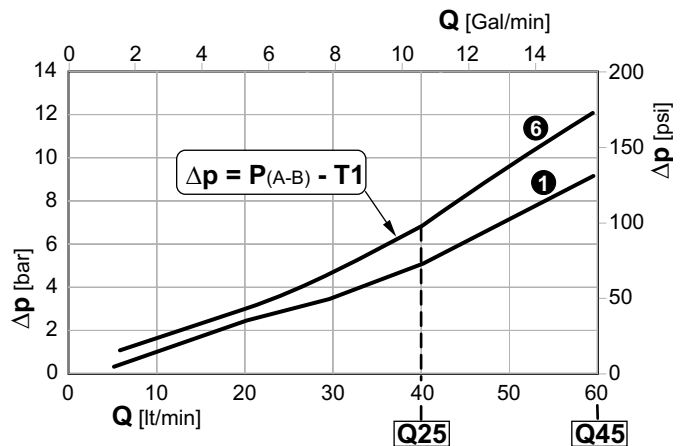
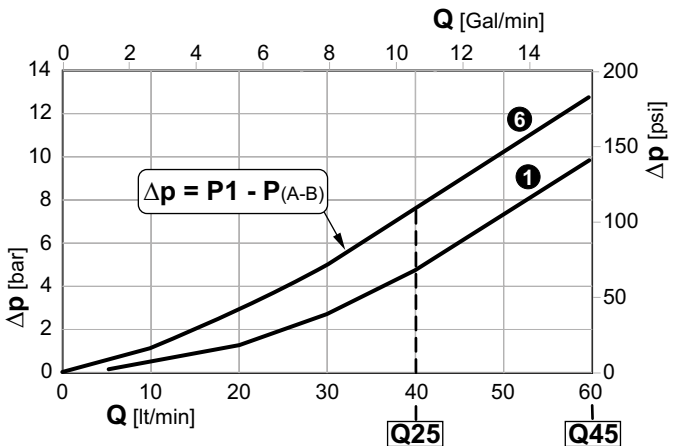
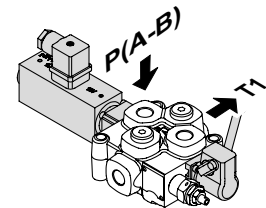
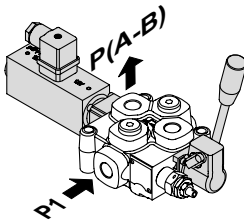
Perdite di carico con il cursore in posizione neutra

(Δp in funzione del numero di sezioni attraversate)
 Pressure drop with spool in neutral position
 (Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro

(Δp in funzione del numero di sezioni attraversate)
 Pressure drop with spool in working position
 (Δp depending on the number of the crossed sections)

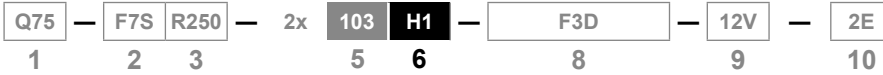


1 6 Sezioni / Sections

N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

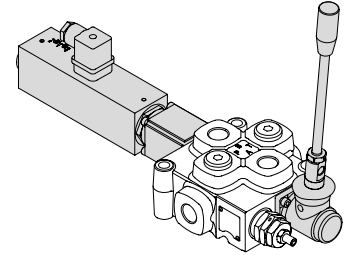
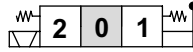
Sezione di lavoro

Working section



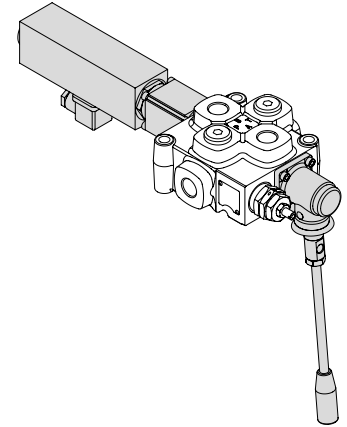
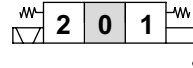
A1/D41

Comando elettrico diretto doppio ON/OFF con ritorno a molla in posizione 0
 ON/OFF double direct electrical control with spring centred in 0

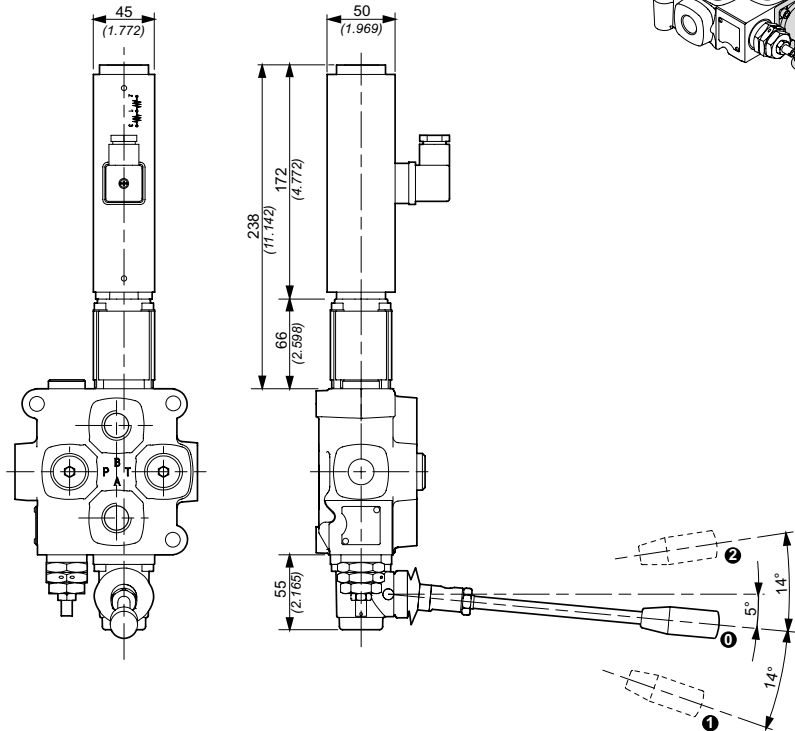


A2/D41

Comando elettrico diretto doppio ON/OFF ruotato di 180° con ritorno a molla in posizione 0
 180° rotated ON/OFF double direct electrical control with spring centred in 0



Connessione Connection		
	1 - 2	Effetto A Port A
	1 - 3	Effetto B Port B



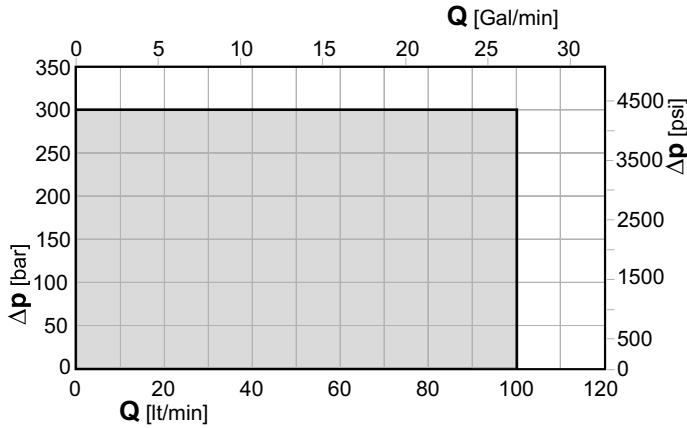
Dimensioni in / Dimensions in: mm (inch)

Caratteristiche tecniche elettromagnete / Electromagnet technical features		
Tipo distributore / Valve type	Q75	Q95
Attacco magnete / Magnet connection	Tipo/Type DIN 43650 (vers. A)	
Tipo protezione / Protection type	IP65	
Classe d'isolamento / Coil insulation class	H	
Tensione di alimentazione / Supply voltage	12V D.C./24V D.C.	
Variazione di tensione max / Maximum voltage tolerance	±10%	
Potenza assorbita / Absorbed power supply	80W	
Rapporto di massimo utilizzo / Maximum utilization ratio	100%	
Caratteristiche tecniche distributore / Directional control valve characteristics		
Portata max (lt/min) / Max. flow (Gal/min)	90 (24)	120 (32)
Pressione max di lavoro / Max. working pressure	300 bar	
Contropressione max sullo scarico / Max. back outlet pressure	25 bar	
Manovra di emergenza o in assenza di corrente / Emergency operation or in case of power failure	Con leva / With lever	
Trafilamento max di A e B in T a 100 bar con viscosità 35 mm ² /s Max. spool leakage of A and B ports to T port at 1450 bar with viscosity 35 mm ² /s	5 cm ³ /min	

Sezione di lavoro

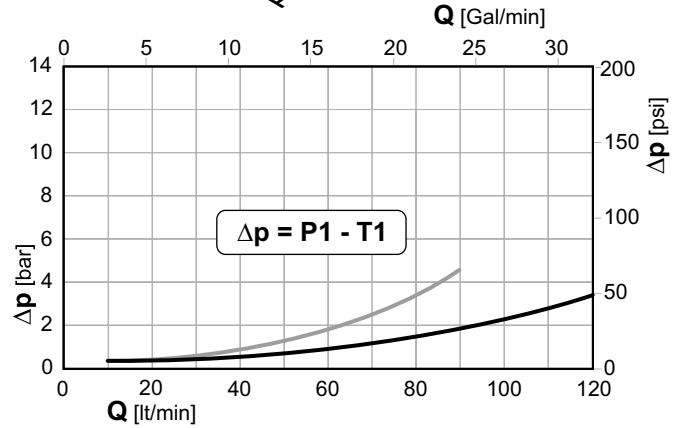
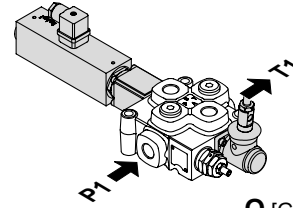
Working section

Limiti d'impiego / Use limits



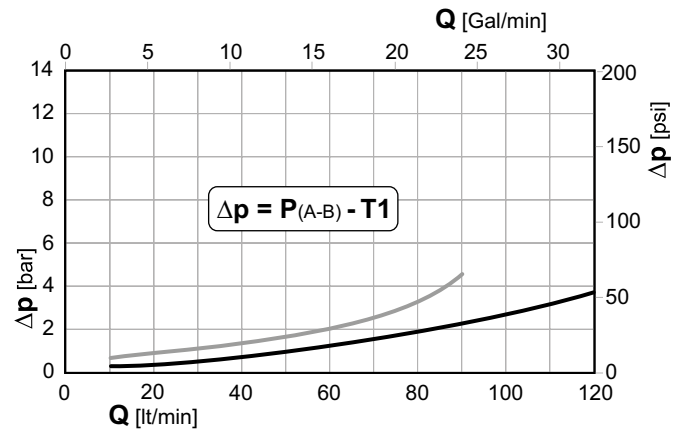
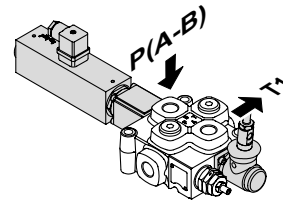
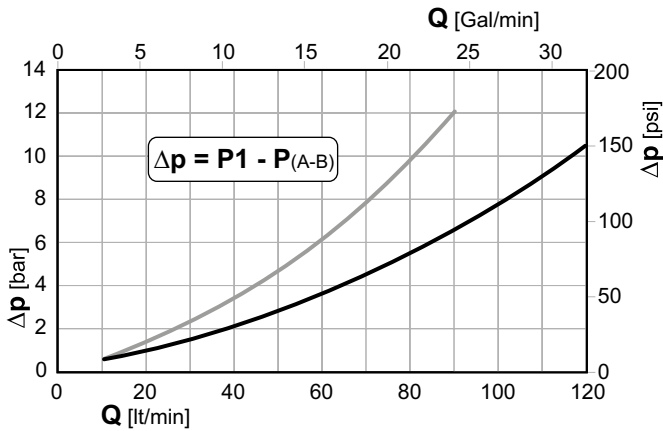
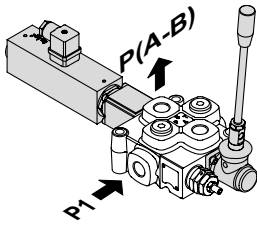
Perdite di carico con il cursore in posizione neutra

(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in neutral position
 (Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro

(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
 (Δp depending on the number of the crossed sections)



- 1 Elemento Q95 / 1 section Q95
- - - 1 Elemento Q75 / 1 section Q75

N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

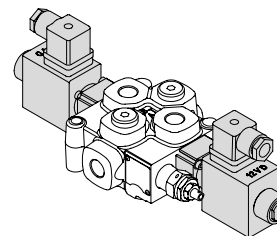
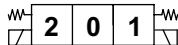
Sezione di lavoro

Working section

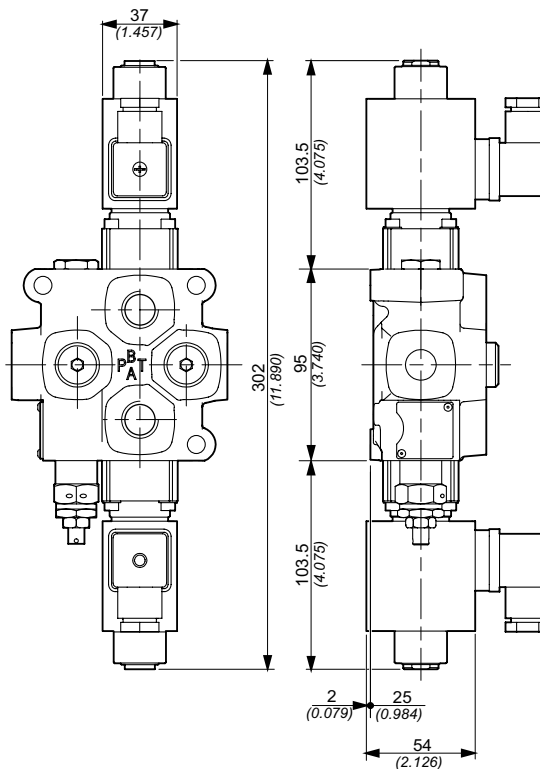


D9

Comando elettrico diretto doppio ON/OFF
con ritorno a molla in posizione 0
ON/OFF double direct electrical control
with spring centred in 0



Connessione Connection		
	1 - 2	Effetto A Port A
	1 - 3	Effetto B Port B



Dimensioni in / Dimensions in: mm (inch)

Caratteristiche tecniche elettromagnete / Electromagnet technical features		
Tipo distributore / Valve type	Q25	Q45
Attacco magnete / Magnet connection	Tipo/Type DIN 43650 (vers. A)	
Tipo protezione / Protection type	IP65	
Classe d'isolamento / Coil insulation class	H	
Tensione di alimentazione / Supply voltage	12V D.C./24V D.C.	
Variazione di tensione max / Maximum voltage tolerance	±10%	
Potenza assorbita / Absorbed power supply	58W	
Rapporto di massimo utilizzo / Maximum utilization ratio	100%	
Caratteristiche tecniche distributore / Directional control valve characteristics		
Portata max / Max. flow	50	60
Pressione max di lavoro / Max. working pressure	275 bar	
Contropressione max sullo scarico / Max. back outlet pressure	25 bar	
Manovra di emergenza o in assenza di corrente / Emergency operation or in case of power failure	A pulsante in spinta / Push type	
Trafilamento max di A e B in T a 100 bar con viscosità 35 mm ² /s / Max. spool leakage of A and B ports to T port at 100 bar with viscosity 35 mm ² /s	5 cm ³ /min	

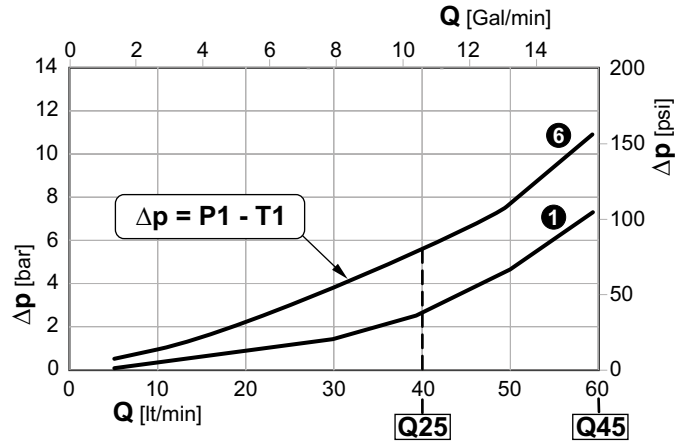
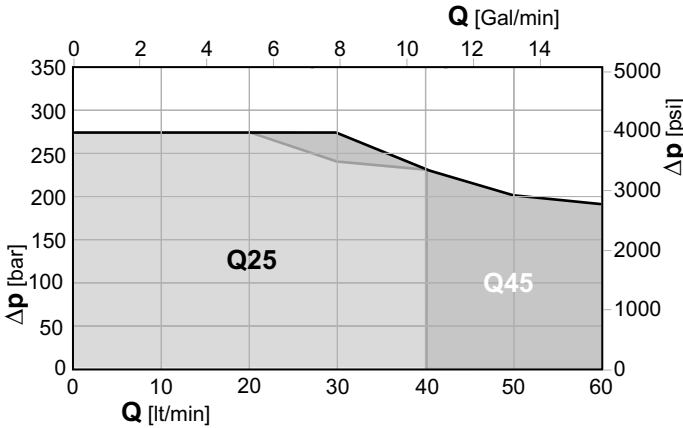
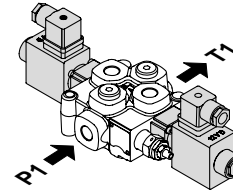
Sezione di lavoro

Working section

Limiti d'impiego / Use limits

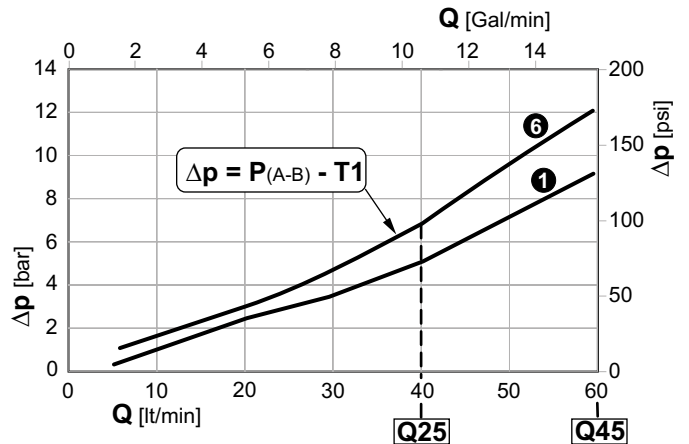
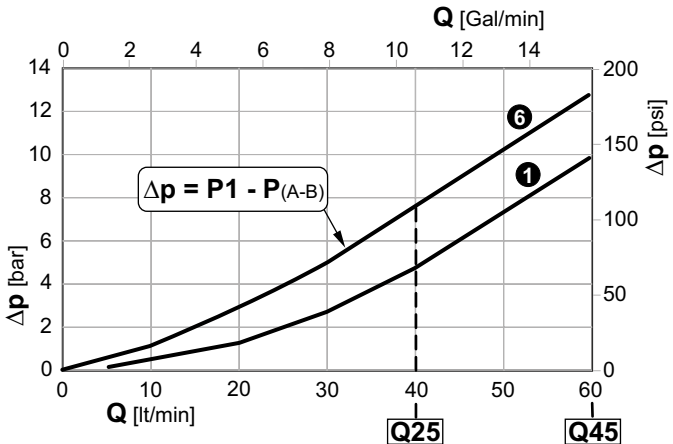
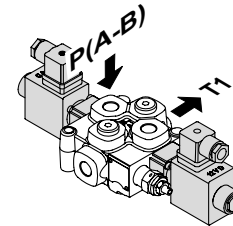
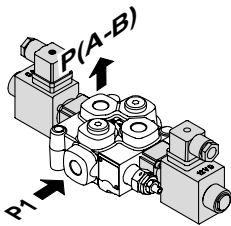
Perdite di carico con il cursore in posizione neutra

(Δp in funzione del numero di sezioni attraversate)
 Pressure drop with spool in neutral position
 (Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro

(Δp in funzione del numero di sezioni attraversate)
 Pressure drop with spool in working position
 (Δp depending on the number of the crossed sections)



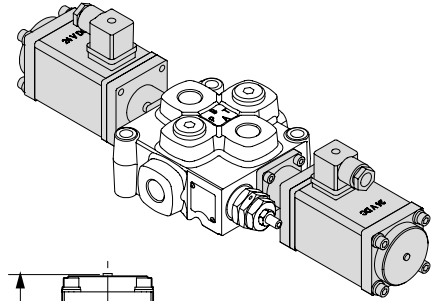
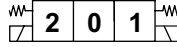
① ⑥ Sezioni / Sections

N.B. Le curve sono ricavate con cursore 103 / NOTE: Performance curves measured using spool 103 type.

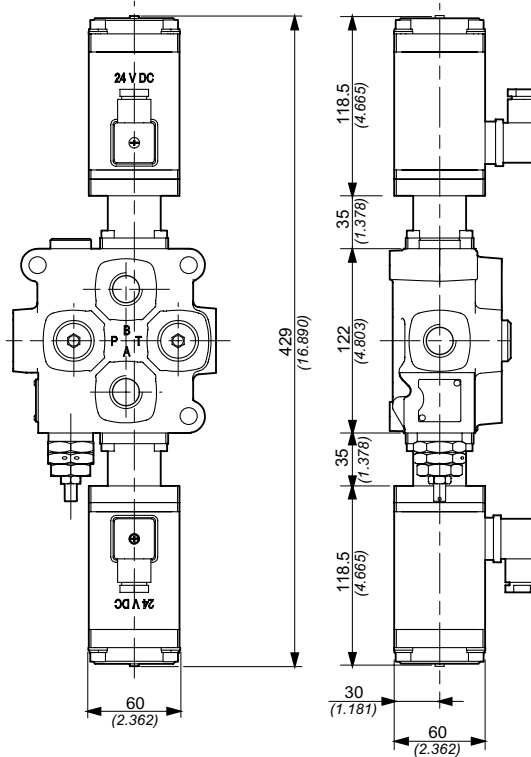


D9

Comando elettrico diretto doppio ON/OFF con ritorno a molla in posizione 0
 ON/OFF double direct electrical control with spring centred in 0



Connessione Connection		
	1 - 2	Effetto A Port A
	1 - 3	Effetto B Port B



Dimensioni in / Dimensions in: mm (inch)

Caratteristiche tecniche elettromagnete / Electromagnet technical features		
Tipo distributore / Valve type	Q75	Q95
Attacco magnete / Magnet connection	Tipo/Type DIN 43650 (vers. A)	
Tipo protezione / Protection type	IP65	
Classe d'isolamento / Coil insulation class	H	
Tensione di alimentazione / Supply voltage	12V D.C./24V D.C.	
Variazione di tensione max / Maximum voltage tolerance	±10%	
Potenza assorbita / Absorbed power supply	80W	
Rapporto di massimo utilizzo / Maximum utilization ratio	100%	
Caratteristiche tecniche distributore / Directional control valve characteristics		
Portata max / Max. flow	90	120
Pressione max di lavoro / Max. working pressure	210 bar	
Contropressione max sullo scarico / Max. back outlet pressure	25 bar	
Manovra di emergenza o in assenza di corrente / Emergency operation or in case of power failure	A pulsante in spinta / Push type	
Trafilamento max di A e B in T a 100 bar con viscosità 35 mm ² /s / Max. spool leakage of A and B ports to T port at 100 bar with viscosity 35 mm ² /s	7 cm ³ /min	

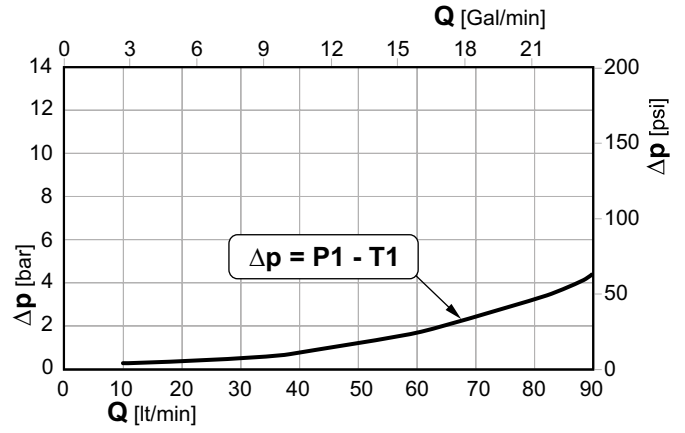
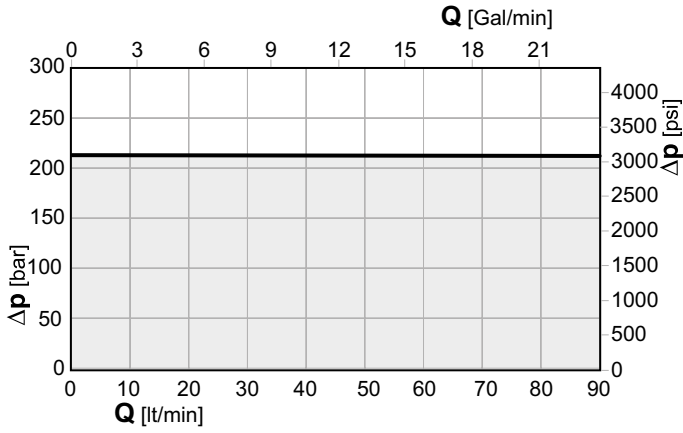
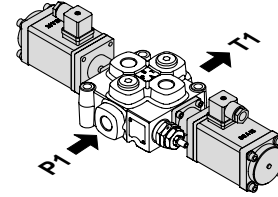
Sezione di lavoro

Working section

Limiti d'impiego / Use limits

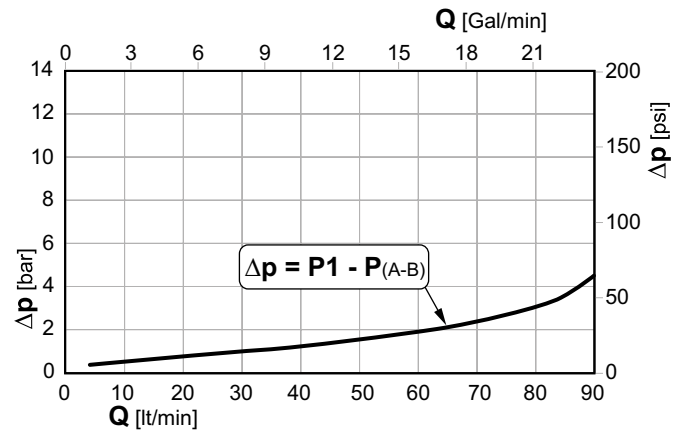
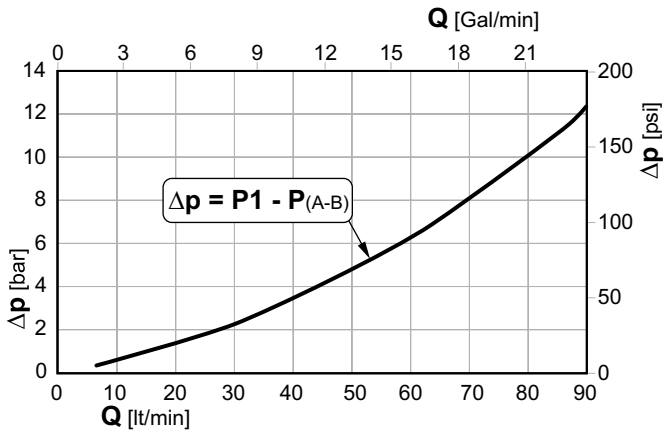
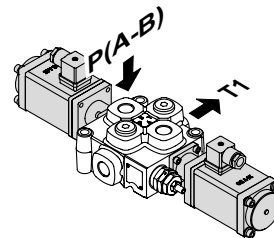
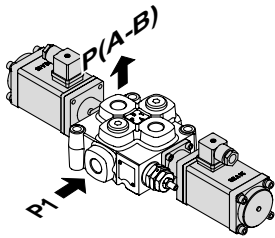
Perdite di carico con il cursore in posizione neutra

(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in neutral position
 (Δp depending on the number of the crossed sections)



Perdite di carico con il cursore in posizione di lavoro

(Δp in funzione del numero di sezioni attraversate)
Pressure drop with spool in working position
 (Δp depending on the number of the crossed sections)



N.B. Le curve sono ricavate con cursore 103 / NOTE. Performance curves measured using spool 103 type.

Fiancata di scarico

Outlet section type



8 - Tipo fiancata di scarico / Outlet section type

		Q15	GMV 15	Q35	Q25	Q45	Q65	Q75	Q95
F3D	Fiancata di scarico		•	•	•	•	•	•	•
F6D	Fiancata di scarico con alimentazione in pressione per altri componenti (carry-over)		•		•	•	•	•	•
F16D	Fiancata di scarico destro per centro chiuso		•		•	•	•	•	•

F3D

Fiancata di scarico
Outlet section

F6D

Fiancata di scarico con alimentazione in pressione per altri componenti (carry-over)
Outlet section and high pressure (carry-over)

Per il GMV15 vedere l'installazione del carry-over a pag. F10
For GMV15 Carry Over installation see page F10

F16D

Fiancata di scarico destro per centro chiuso
Right outlet section for through passage closed

Per il GMV15 vedere l'installazione del carry-over a pag. F10
For GMV15 Carry Over installation see page F10

Note aggiuntive

Additional notes

Q25	F7S	R250	2x	103	A1	M1	F3D	12V	2E
1	2	3		5	6	7	8	9	10

9 - Note aggiuntive / Additional notes

12V, 24V

S Alluminio (pag. F-6 ... F-10)

Codice asta di comando (vedi tabella seguente)

8 - Additional notes

12V, 24V

S Aluminium (page F-6 ... F-10)

Control lever code (see next table)

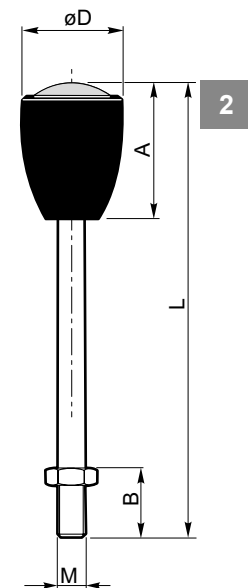
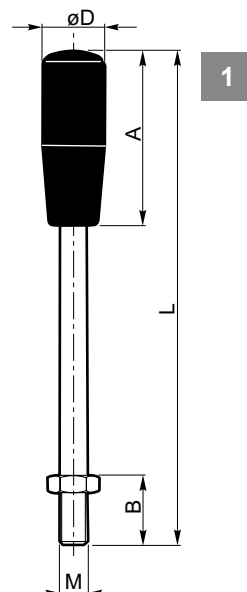
Codice / Code	Versione / Version	M	L	D	A	B	Colore / Color
---------------	--------------------	---	---	---	---	---	----------------

Q35 - Q15 - GMV15 - Q25 - Q45		Dimensioni in / Dimensions in: mm (inch)						
06.029.22862	1	Standard / Standard	M8	164 (6.457)	20 (0.787)	57 (2.244)	20 (0.787)	Nero / Black
06.029.30335	1	Standard / Standard	M8	164 (6.457)	20 (0.787)	57 (2.244)	20 (0.787)	Rosso / Red
06.029.30528	1	Lunga tipo A / Long version type A	M8	184 (7.244)	20 (0.787)	57 (2.244)	20 (0.787)	Nero / Black
06.029.30492	1	Lunga tipo A / Long version type A	M8	184 (7.244)	20 (0.787)	57 (2.244)	20 (0.787)	Rosso / Red
06.029.28922	1	Lunga / Long version	M8	204 (8.031)	20 (0.787)	57 (2.244)	20 (0.787)	Nero / Black
06.029.30336	1	Lunga / Long version	M8	204 (8.031)	20 (0.787)	57 (2.244)	20 (0.787)	Rosso / Red
06.029.27421	1	Extra lunga / Extra-long	M8	324 (12.756)	20 (0.787)	57 (2.244)	20 (0.787)	Nero / Black
06.029.22876	1	Extra corta / Extra-short	M8	82 (3.228)	18 (0.709)	50 (1.969)	20 (0.787)	Nero / Black
06.029.29451	2	Standard con oblo' / Standard with lens	M8	174 (6.850)	32 (1.260)	46 (1.811)	20 (0.787)	Nero / Black
06.029.29423	2	Lunga con oblo' / Long with lens	M8	214 (8.425)	32 (1.260)	46 (1.811)	20 (0.787)	Nero / Black

Q75 - Q95		Dimensioni in / Dimensions in: mm (inch)						
06.029.27013	1	Standard / Standard	M10	209 (8.228)	20 (0.787)	57 (2.244)	28 (1.102)	Nero / Black
06.029.28148	1	Lunga / Long version	M10	357 (14.055)	20 (0.787)	57 (2.244)	28 (1.102)	Nero / Black
06.029.27344	1	Corta / Short version	M10	154 (6.063)	20 (0.787)	57 (2.244)	28 (1.102)	Nero / Black
06.029.27635	1	Extra corta / Extra-short	M10	66 (2.598)	26 (1.024)	42 (1.654)	22 (0.866)	Nero / Black
06.029.29866	2	Standard con oblo' / Standard with lens	M10	219 (8.622)	32 (1.260)	46 (1.811)	28 (1.102)	Nero / Black
06.029.30295	2	Lunga con oblo' / Long with lens	M10	367 (14.449)	32 (1.260)	46 (1.811)	28 (1.102)	Nero / Black

Per comando elettrico / For electric control Q25 - Q45		Dimensioni in / Dimensions in: mm (inch)						
06.029.28945	1	Standard / Standard	Ø7	133 (5.236)	20 (0.787)	57 (2.244)	15 (0.591)	Nero / Black
06.029.29349	1	Lunga / Long version	Ø7	201 (7.913)	20 (0.787)	57 (2.244)	15 (0.591)	Nero / Black
06.029.30951	2	Standard con oblo' / Standard with lens	Ø7	143 (5.630)	32 (1.260)	46 (1.811)	15 (0.591)	Nero / Black

Dimensioni in / Dimensions in: mm (inch)



Note aggiuntive

Additional notes

Q25	F7S	R250	2x	103	A1	M1	F3D	12V	2E
1	2	3		4	5	6	7	8	9

10 - Numero elementi

Specificare il numero delle sezioni di lavoro previste (es. 2E).

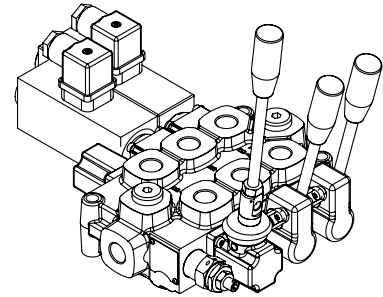
10 - Number of sections

Specify the number of working sections used (e.g. 2E).

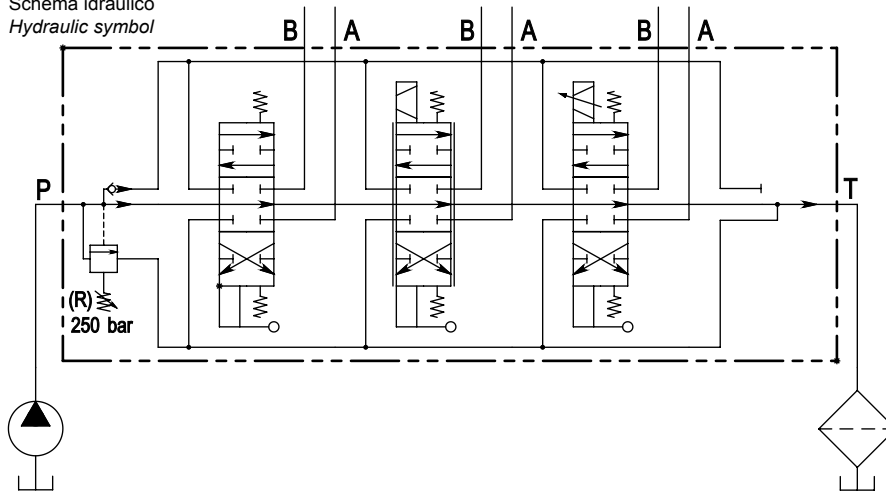
ESEMPI DI ORDINAZIONE IN CODICE ORDERING CODE EXAMPLES

Q25 - F1S R(250) - 103/A1/M1 - 103/A1/D41 - 103/A1/DP - F3D - 12V - 3E

A	B		C			D	E	
1	2	3	5 - 6 - 7			8	9 - 10	
Q25	F1S	R250	103/A1/M1			F3D	12V - 3E	
			103/A1/D41					
			103/A1/DP					

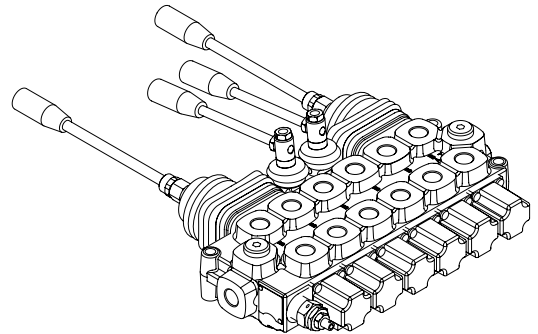


Schema idraulico
Hydraulic symbol

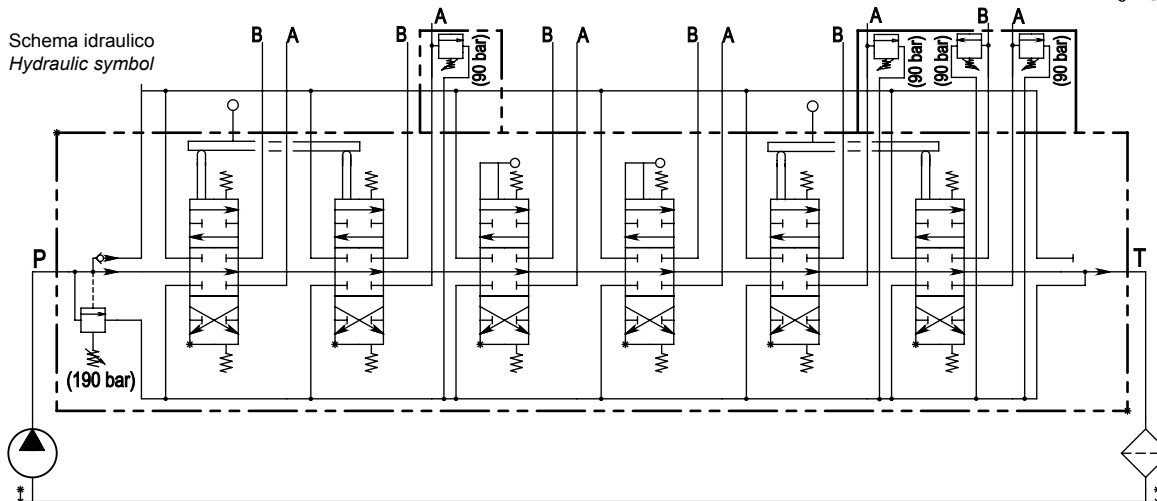


Q25 - F1S(N) - 103/M1/A352 - 103/M1/V30(N) - 2x103/M1/A1 - 103/M1/A354/V30(N) - 103/M1/V32(N) - F3D - 6E

A	B		C			D	E	
1	2	3	5 - 6 - 7			8	9 - 10	
Q25	F1S	N190	103/M1/A352			F3D	6E	
			103/M1/V30(N)					
		2x	103/M1/A1					
			103/M1/A354/V30(N)					
			103/M1/V32(N)					



Schema idraulico
Hydraulic symbol

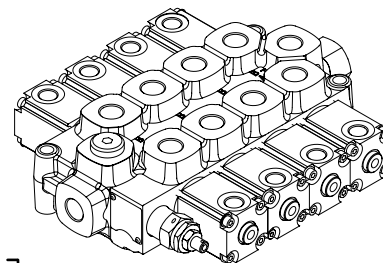


- A - Tipo / Type
- B - Fiancata d'ingresso / Inlet section
- C - Sezione di lavoro / Working section
- D - Fiancata di scarico / Outlet section
- E - Note aggiuntive / Additional notes

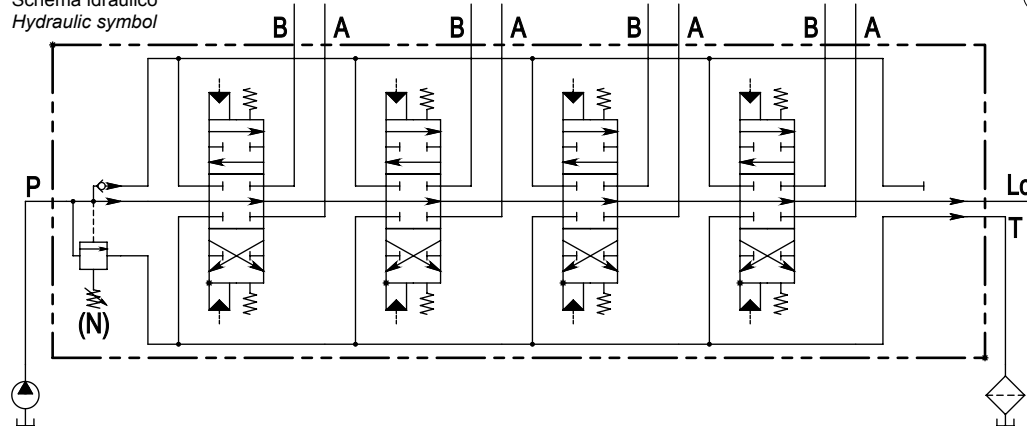
ESEMPI DI ORDINAZIONE IN CODICE
ORDERING CODE EXAMPLES

Q25 - F1S(N) - 4x103/H5 - F6D - 4E

A	B		C			D	E	
1	2	3	5 - 6 - 7			8	9 - 10	
Q25	F1S	N180	4x	103/H5			F6D	4E

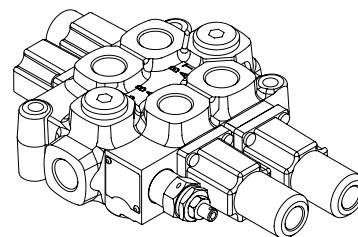


Schema idraulico
Hydraulic symbol

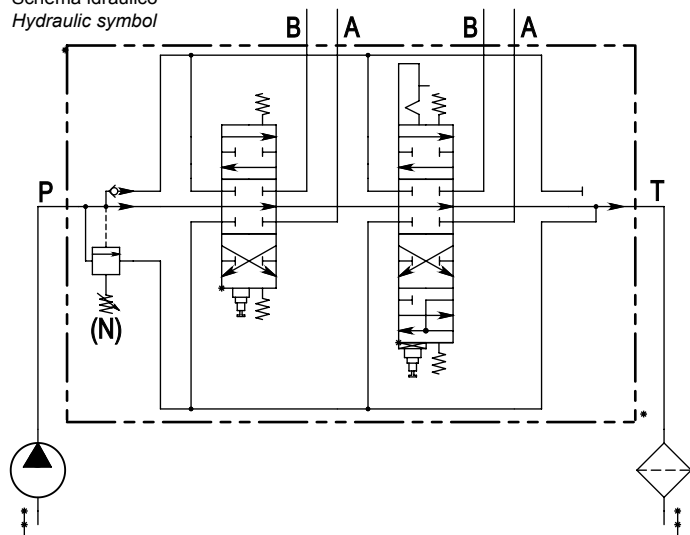


Q45 - F1S(N) - 103/A8/M1 - 116/A8-Z1/R8 - F3D - 2E

A	B		C			D	E
1	2	3	5 - 6 - 7			8	9 - 10
Q45	F1S	R250	103/A8/M1			F3D	2E
			116/A8-Z1/R8				



Schema idraulico
Hydraulic symbol

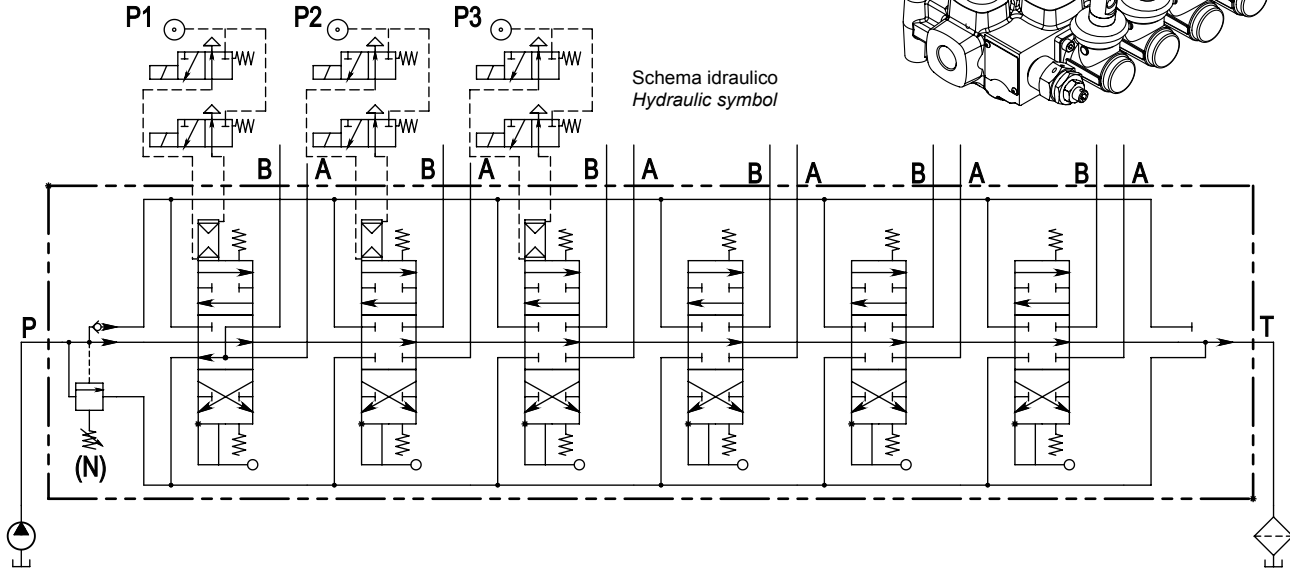
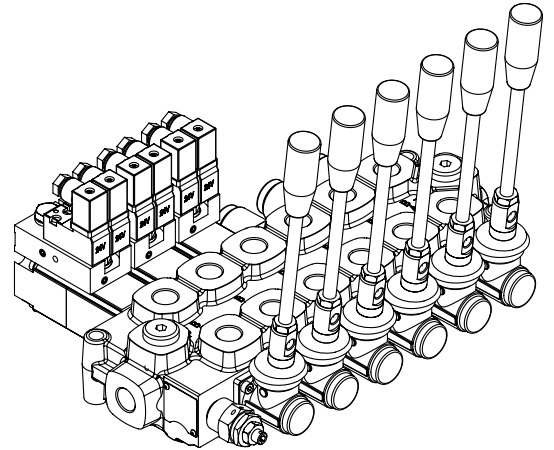


- A - Tipo / Type
- B - Fiancata d'ingresso / Inlet section
- C - Sezione di lavoro / Working section
- D - Fiancata di scarico / Outlet section
- E - Note aggiuntive / Additional notes

ESEMPI DI ORDINAZIONE IN CODICE
ORDERING CODE EXAMPLES

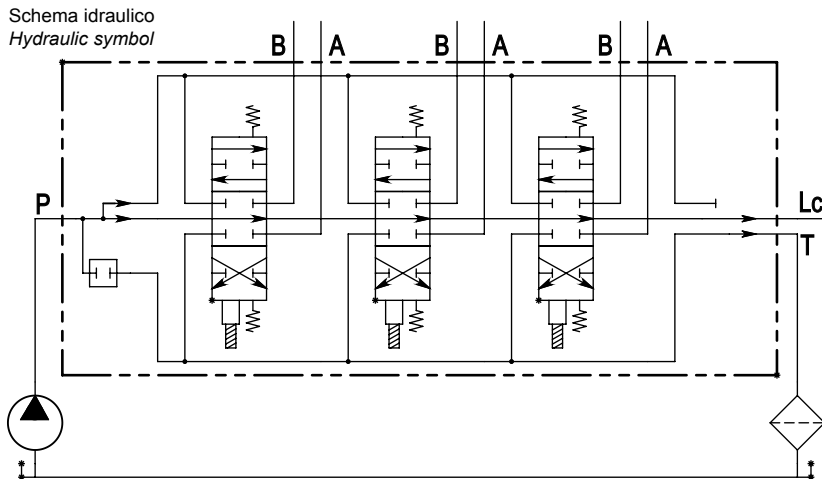
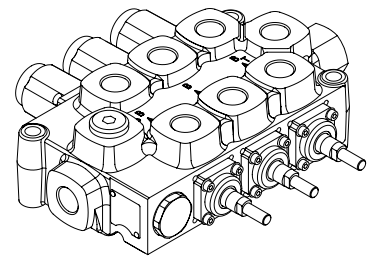
Q25 - F1S (N) - 111/A1/D3 - 2x103/A1/D3 - 3x103/A1/M1 - F3D - S 24V - 6E

A	B		C			D	E	
1	2	3	5 - 6 - 7			8	9 - 10	
Q25	F1S	N180	111/A1/D3			F3D	S 24V - 6E	
			2x 103/A1/D3					
			3x 103/A1/M1					



Q75 - F8S(N) - 3x103/A4/M1 - F6D - 3E

A	B		C			D	E	
1	2	3	5 - 6 - 7			8	9 - 10	
Q75	F8S	N180	3x 103/A4/M1			F6D	3E	



- A - Tipo / Type
- B - Fiancata d'ingresso / Inlet section
- C - Sezione di lavoro / Working section
- D - Fiancata di scarico / Outlet section
- E - Note aggiuntive / Additional notes