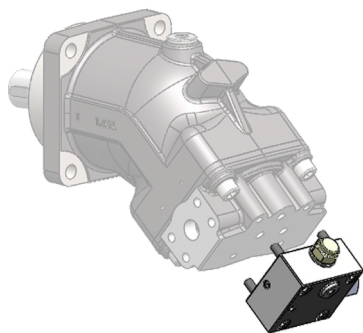
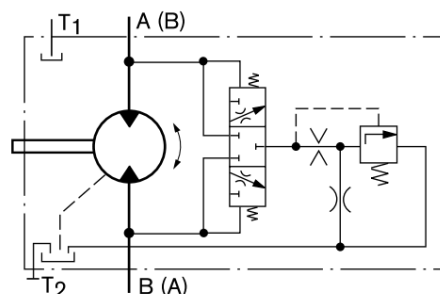
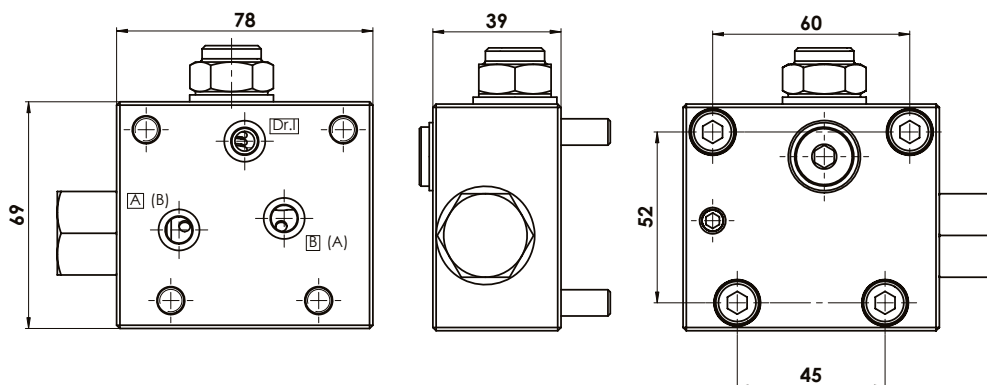


ACCESSORIES	pag. 79
• HPM VALVES	
• Blocco valvola di flussaggio <i>Flushing valve panel</i>	pag. 81
• Blocco unico flussaggio+valvole di massima pressione <i>Combined flushing and relief valve manifold</i>	pag. 83
• Valvole anticavitazione <i>Single anticavitation valve</i>	pag. 85
• Pannello con valvola anticavitazione unidirezionale G3/4 <i>Plate complete with unidirectional anticavitation valve G3/4</i>	pag. 86
• Valvole antishock + anticavitazione <i>Antishock + anticavitation valve</i>	pag. 87
• Valvole overcenter	pag. 90
• Valvola anticavitazione - regolatore portata + V.Max <i>Valve for mulchers</i>	pag. 94
• Pannello con valvola anticavitazione e V.Max. 200lt <i>Plate complete with anticavitation valve and relief valve 200 lt</i>	pag. 97
• HPM3 VALVES	
• Pannello con valvola anticavitazione unidirezionale <i>Plate complete with unidirectional anticavitation valve</i>	pag. 99
• SPEED SENSOR	pag. 103

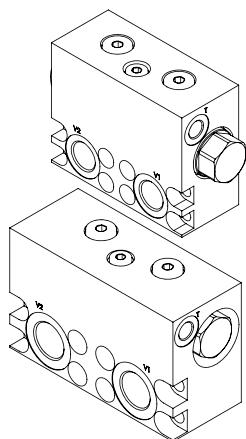

Schema di funzionamento

Functional diagram

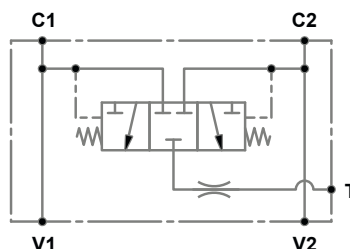

Ingombro / Dimensions

Codice di ordinazione / Order code

Codice Code	Descrizione Description	Cilindrata Displacement (cc)	Volume di flussaggio Δp standard=25 bar Flushing flow (l/min)	Ø orificio orifice (mm)
12403000109	Blocco valvola di flussaggio Flushing valve panel	40-64	3,5	0,6
12403000118		80-91	5	1,3
12403000127		108-130	8	2

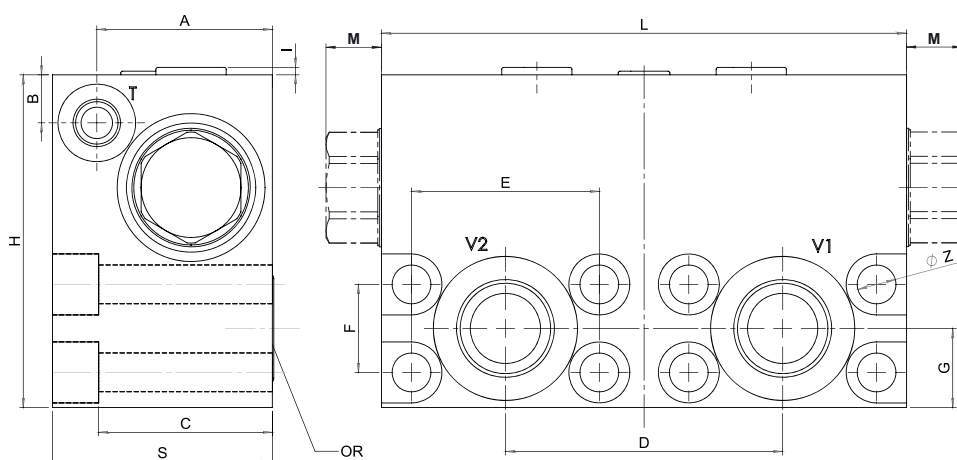
Taratura valvola: 11,5 bar
Valve setting
- Sui motori connessioni 15 e 25, il blocco valvola di flussaggio è già montato.
On motors with portings 15 and 25, the flushing valve panel is already mounted.
- NON usare su motori unidirezionali.
DO NOT use on unidirectional motors.



Schema di funzionamento
Functional diagram



Ingombro / Dimensions



Codice di ordinazione / Order code

Codice Code	Taglia Size	Motori Motors	Portata flussaggio Flushing flow	Con Δp 20 bar
12403000136	03	25-34 cc	06 - 08 lpm	
12403000163	04	40-47-55-64 cc	08 - 10 lpm	
12403000207	05	80-91 cc	10 - 12 lpm	
12403000305	06	108-130 cc	13 - 15 lpm	

Materiale:
acciaio zincato
Material:
zinc plated steel body

Caratteristiche funzionali / Functional data

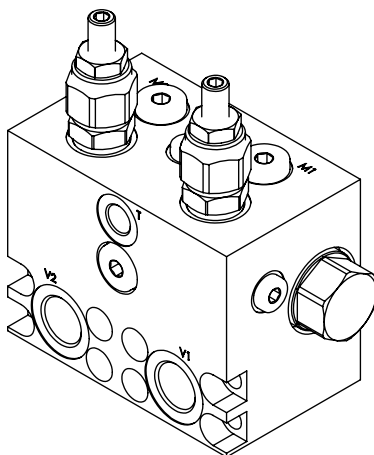
Taglia/Size	A	B	C	D	E	F	G	H	I	L	M	S	ØZ	OR
03	36,5	15,5	39	59	40,5	18,2	17,6	90	-	113,5	15	49,5	8,5	18,64x3,53
04	47,5	13	47	75	50,8	23,8	21,4	90	2	142	-	59,5	10,5	23,40x3,53
05	47,5	17	45	84	57,5	27,8	25	100	-	160	-	59,5	12,5	32,93x3,53
06	48	12	44,5	99	66,7	31,8	28,5	100	4,5	195	-	59,5	15	36,09x3,53

	03	04	05	06
Pressione max. / Max. pressure (bar)	420	420	420	420
Portata massima / Max. flow rate (lpm)	150	300	500	600
Portata di flussaggio / Flushing flow (lpm)	6-8	8-10	10-12	13-15
Diametro foro calibrato / Orefice Diameter (mm)	1,7	1,9	2,1	2,4

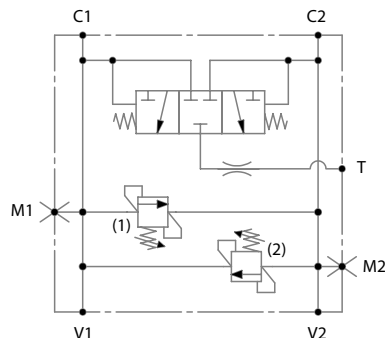
	03	04	05	06
Porte / Ports	V1-V2 G1/2	V1-V2 G3/4	V1-V2 G1	V1-V2 G1
	C1-C2: 1/2 SAE6000	C1-C2: 3/4 SAE6000	C1-C2: 1 SAE6000	C1-C2: 1-1/4 SAE6000
	T: G1/4	T: G1/4	T: G1/4	T: G1/4

Utilizzabili su motori connessioni versioni 11/13/17/21/23.
Can be used on motors with portings 11/13/17/21/23 versions.

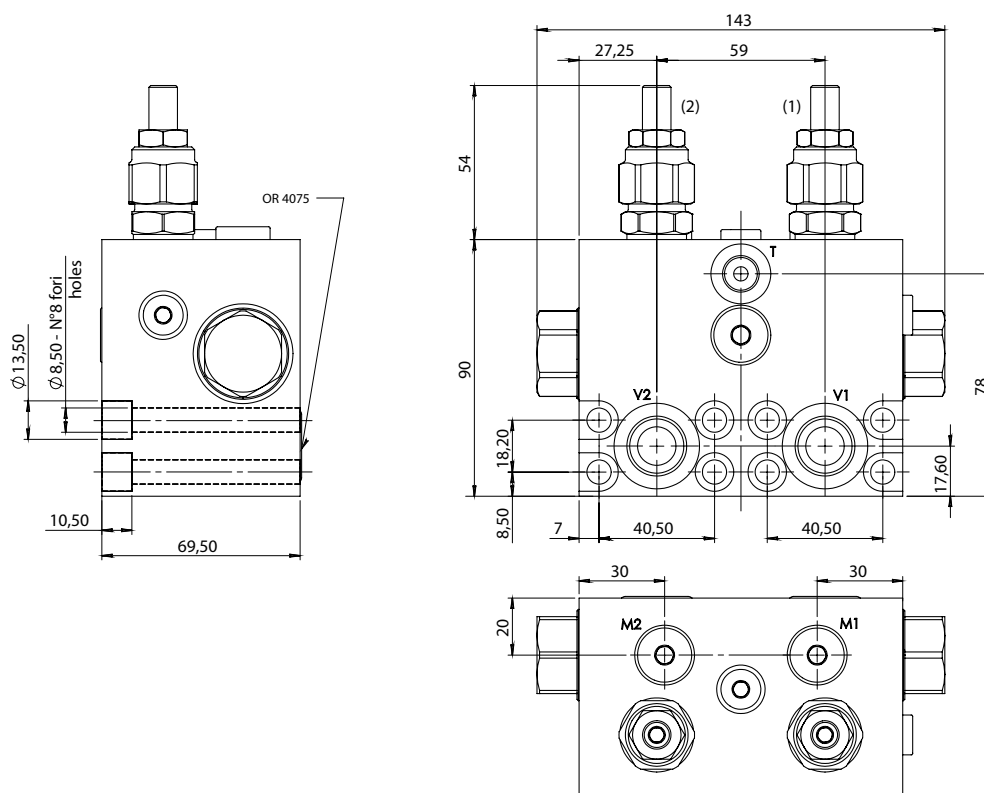
NON usare su motori unidirezionali.
DO NOT use on unidirectional motors.



Schema di funzionamento
Functional diagram



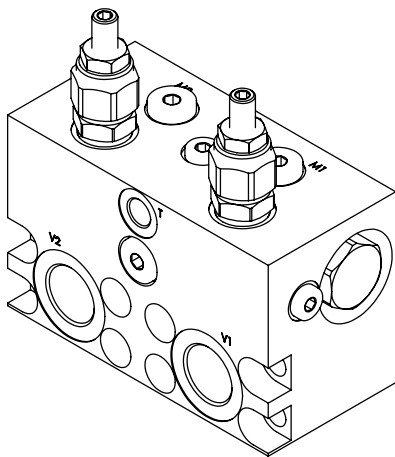
Ingombro / Dimensions



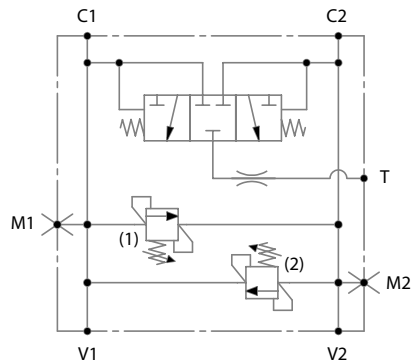
Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	150
Portata di flussaggio / Flushing flow (lpm)	6 - 8
Range di limitazione pressione Relief pressure range (bar)	100-350
Massima portata di scarico / Relif max. flow (lpm)	35
Pressione max. / Max. pressure (bar)	420
Diametro foro calibrato / Orefice Diameter (mm)	1,7
Porte / Ports	V1-V2: G1/2 C1-C2: 1/2 SAE6000 M1-M2-T: G1/4

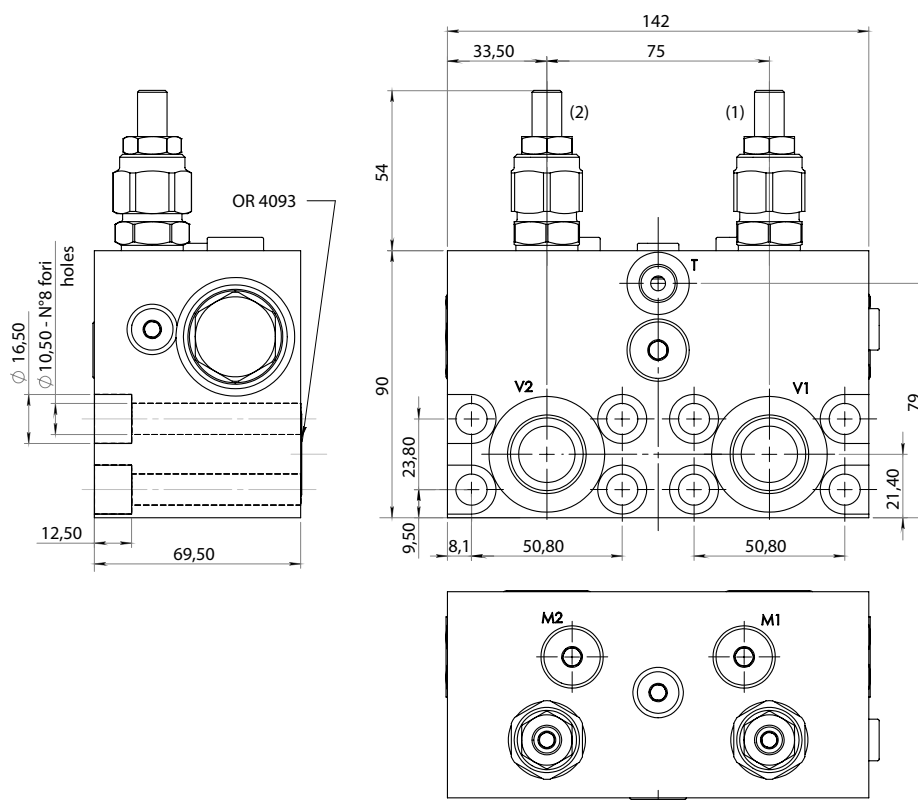
Materiale: acciaio zincato
Material: zinc plated steel body



Schema di funzionamento
Functional diagram



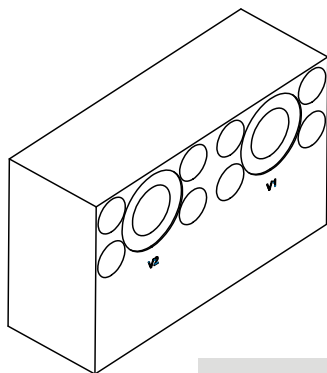
Ingombro / Dimensions



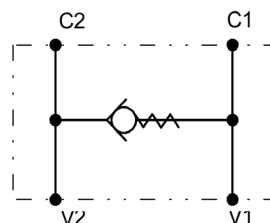
Caratteristiche funzionali / Functional data

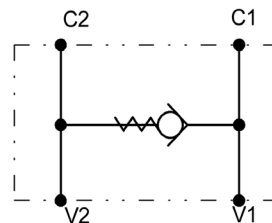
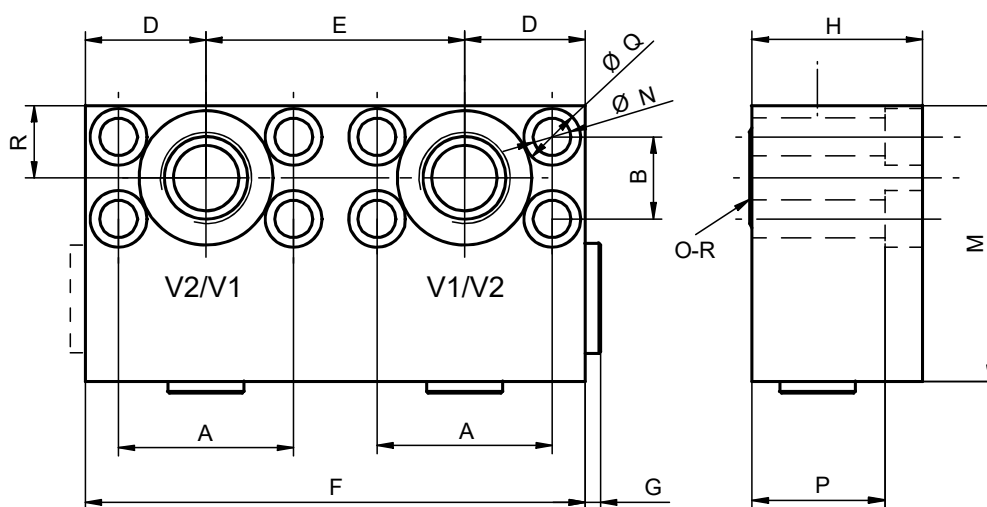
Portata massima / Max. flow rate (lpm)	300
Portata di flusso / Flushing flow (lpm)	8 - 10
Range di limitazione pressione Relief pressure range (bar)	100-350
Massima portata di scarico / Relif max. flow (lpm)	35
Pressione max. / Max. pressure (bar)	420
Diametro foro calibrato / Orifice Diameter (mm)	1,9
Porte / Ports	V1-V2: G3/4 C1-C2: 3/4 SAE6000 M1-M2-T: G1/4

Materiale: acciaio zincato
Material: zinc plated steel body


 Schema di funzionamento
Functional diagram

STD.

 STANDARD
CONFIGURATION

INV.

 INVERTED
CONFIGURATION

Ingombro / Dimensions

Codice di ordinazione / Order code

Codice Code	Taglia Size	V1-V2 BSP	A	B	C1-C2 Ø	D	E	F	G	H	M	N Ø	P	Q Ø	R	Peso Weight
12403117556 STD. *	03	G1/2	40,5	18,2	13,5	28	59	115	4,5	39,5	70	13,5	29,5	8,5	17	2,05
12403117557 INV. **																
12403117565 STD. *	04	G3/4	50,8	23,8	19	35	75	145		49,5	80	16,5	38,5	11	21	3,55
12403117566 INV. **																
12403117574 STD. *	05	G1	57,2	27,8	25	39,5	84	163		49,5	90	18,5	36	12,5	25	4,38
12403117575 INV. **																
12403117583 STD. *	06	G1	66,7	31,8	30	47,5	99	194		59,5	100	22	45,5	15	28	7,95
12403117584 INV. **																

ATTENZIONE:

* Valvola STANDARD per motore rotazione SINISTRA

** Valvola INVERSA per motore rotazione DESTRA

Caratteristiche funzionali / Functional data

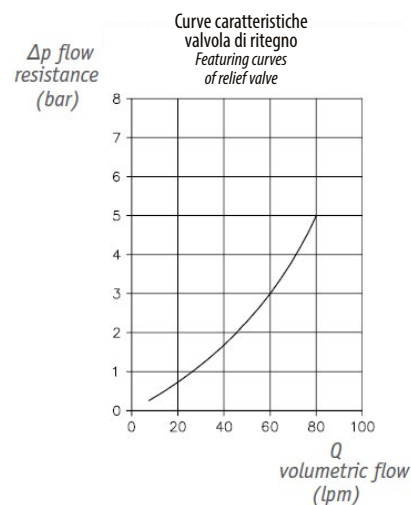
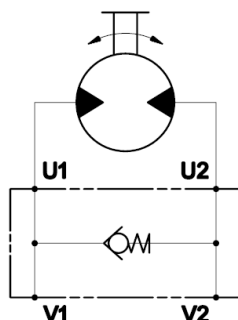
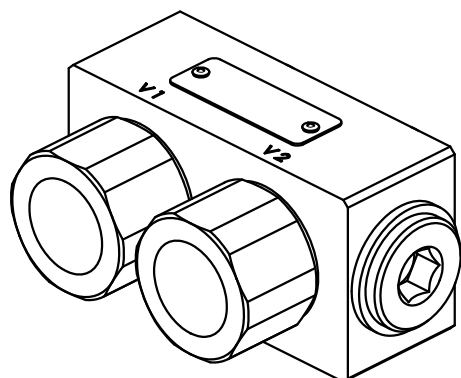
Taglia / Size	03	04	05	06
Motori / Motors (cc)	25-34	40-47-55-64	80-91	108-130
Pressione max. / Max. pressure (bar)	350			
Portata max. / Max. flow (lpm)	120	170	250	320
Porte V1-V2 / V1-V2 ports (BSP)	1/2	3/4	1	1
Porte C1-C2 / C1-C2 ports (Ømm)	13,5	19	25	30
Pressione di apertura/distacco / Cracking pressure (bar)	0,5			

 Materiale: acciaio zincato
Material: zinc plated steel body

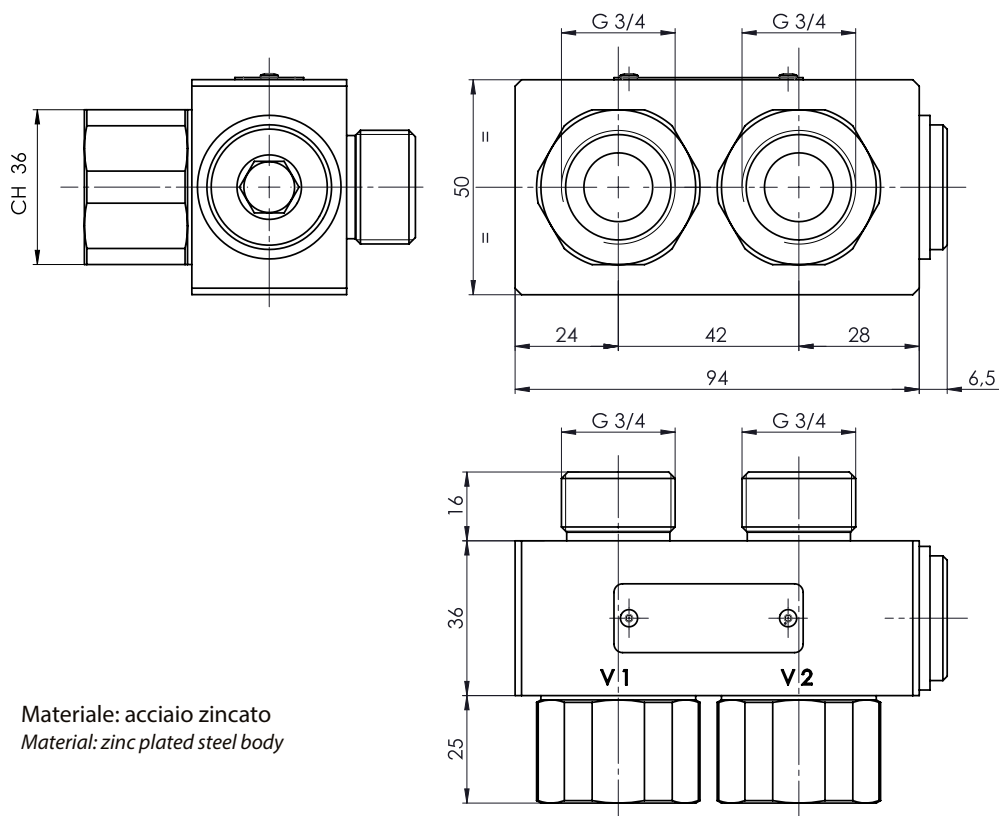
Utilizzabili su motori connessioni versioni 11/13/17/21/23.

Can be used on motors with portings 11/13/17/21/23 versions.

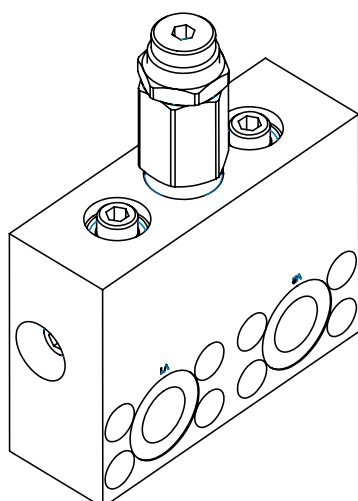
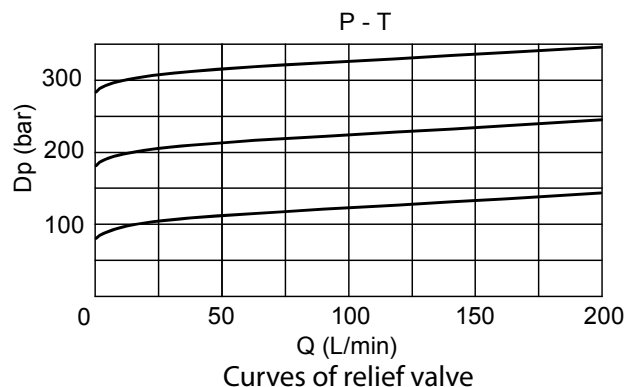
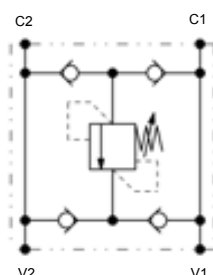
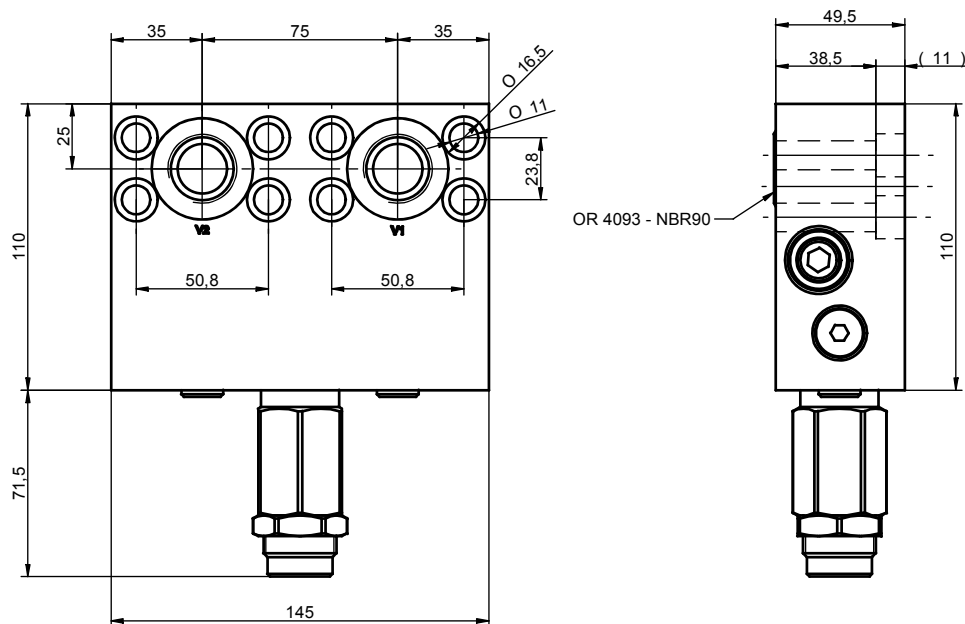
Schema di funzionamento
Functional diagram



Ingombro / Dimensions

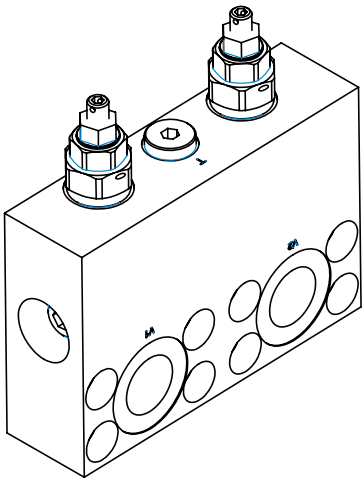


Materiale: acciaio zincato
Material: zinc plated steel body

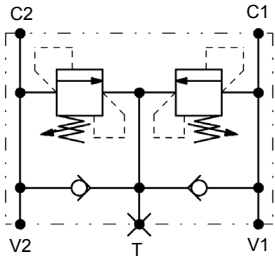

Schema di funzionamento
Functional diagram

Ingombro / Dimensions

Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	170
Pressione max. / Max. pressure (bar)	420
Range di limitazione pressione Relief pressure range (bar)	100-350
Porte / Ports	V1-V2: G3/4 C1-C2: Ø19mm

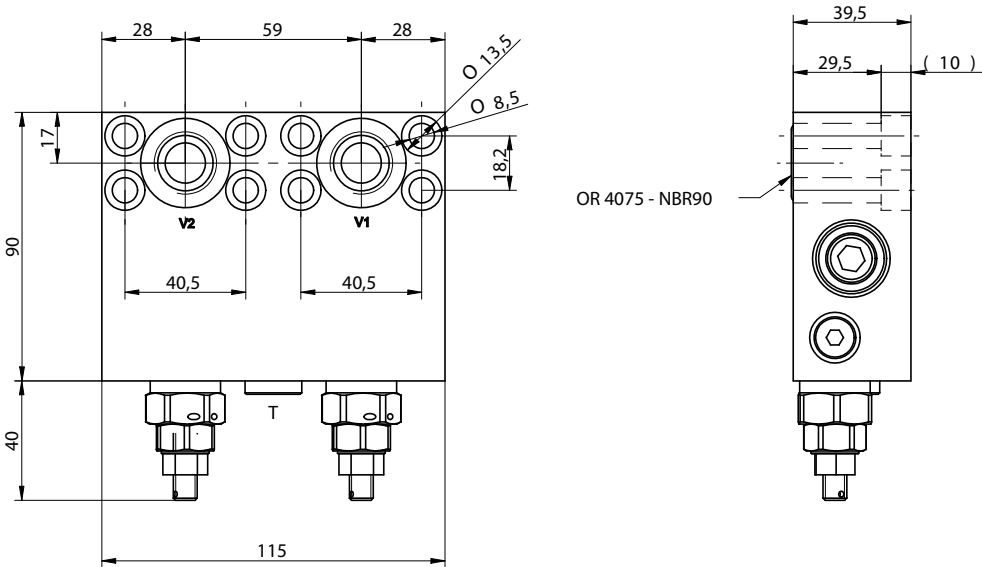
Materiale: corpo in acciaio zincato,
acciaio trattato componenti interni
 Material: zinc plated steel manifold, hardened
 steel inne parts



Schema di funzionamento
Functional diagram



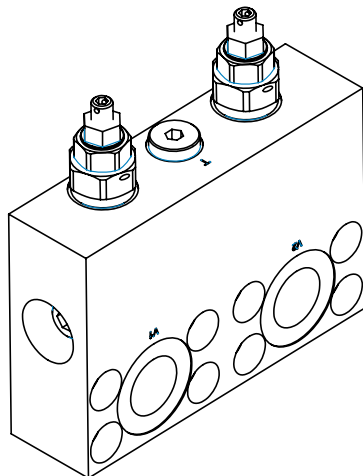
Ingombro / Dimensions



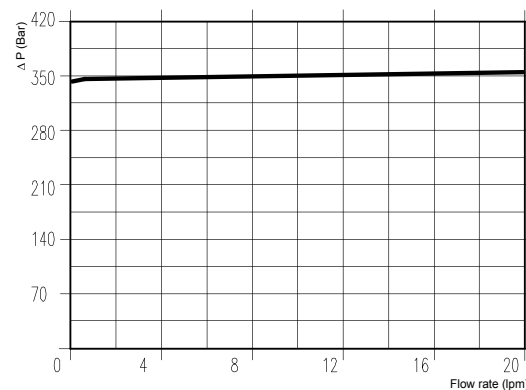
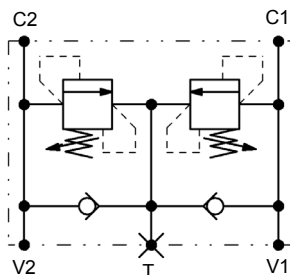
Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	120
Pressione max. / Max. pressure (bar)	350
Range di limitazione pressione Relief pressure range (bar)	50-350
Portata max. in scarico della valvola antishock Relif max. flow by antishock valve (lpm)	20
Porte / Ports	V1-V2: G1/2 C1-C2: Ø13,5mm T: G1/4

Materiale: corpo in acciaio zincato
Material: zinc plated steel manyfold

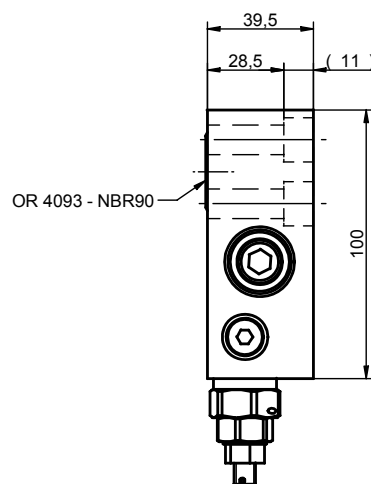
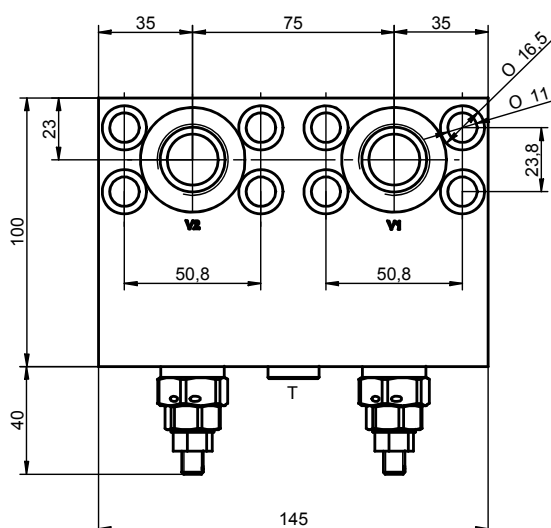


Schema di funzionamento
Functional diagram



Curve of relief valve

Ingombro / Dimensions

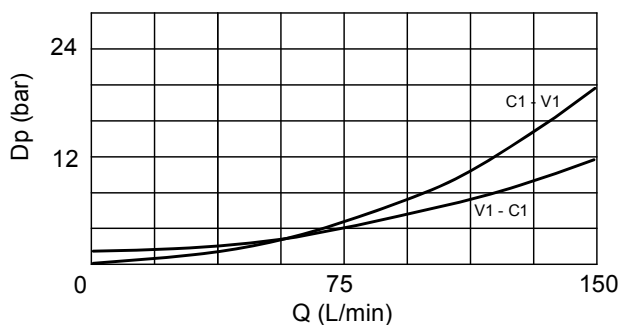
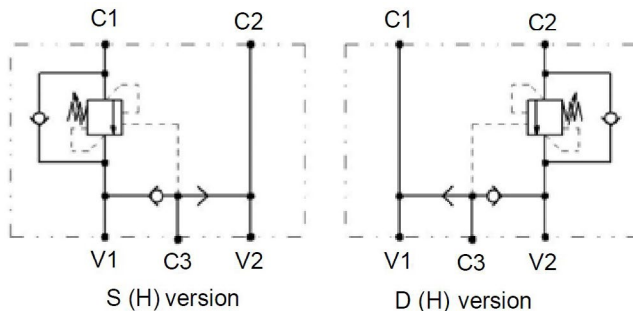
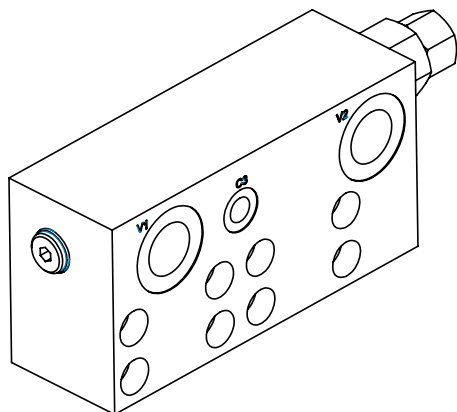


Caratteristiche funzionali / Functional data

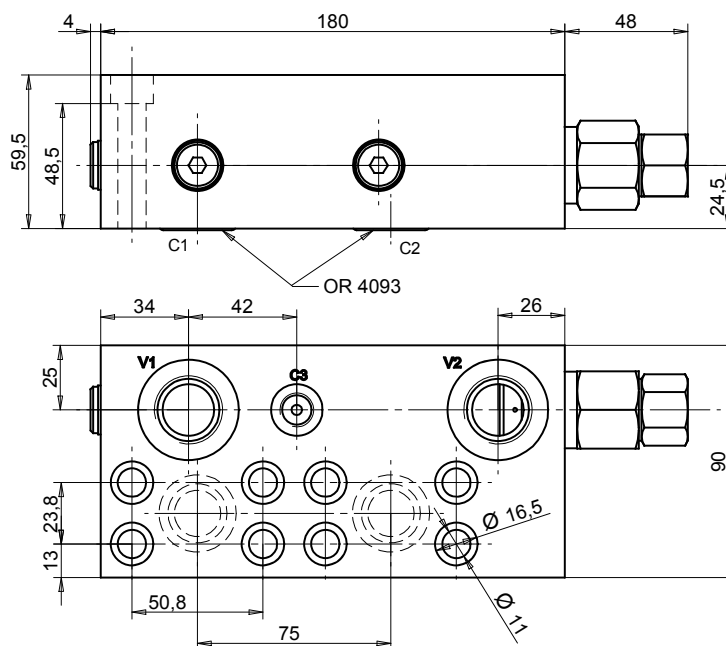
Portata massima / Max. flow rate (lpm)	170
Pressione max. / Max. pressure (bar)	350
Range di limitazione pressione Relief pressure range (bar)	100-350
Portata max. in scarico della valvola antishock Relif max. flow by antishock valve (lpm)	20
Porte / Ports	V1-V2: G3/4 C1-C2: Ø19mm

Materiale: corpo in acciaio zincato, acciaio
trattato componenti interni
Material: zinc plated steel manifold, hardened
steel inne parts

Schema di funzionamento
Functional diagram



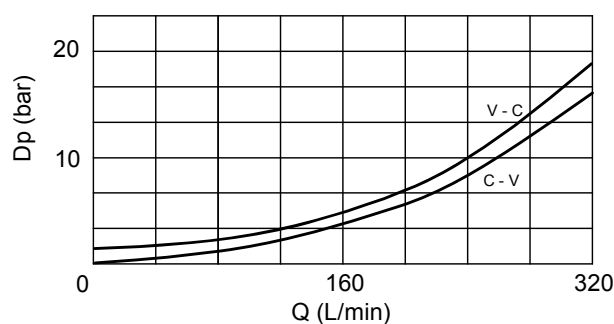
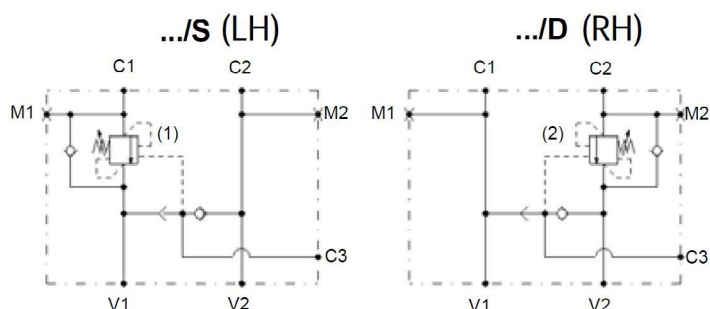
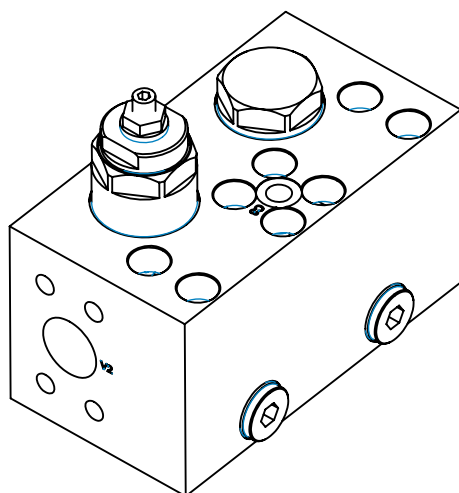
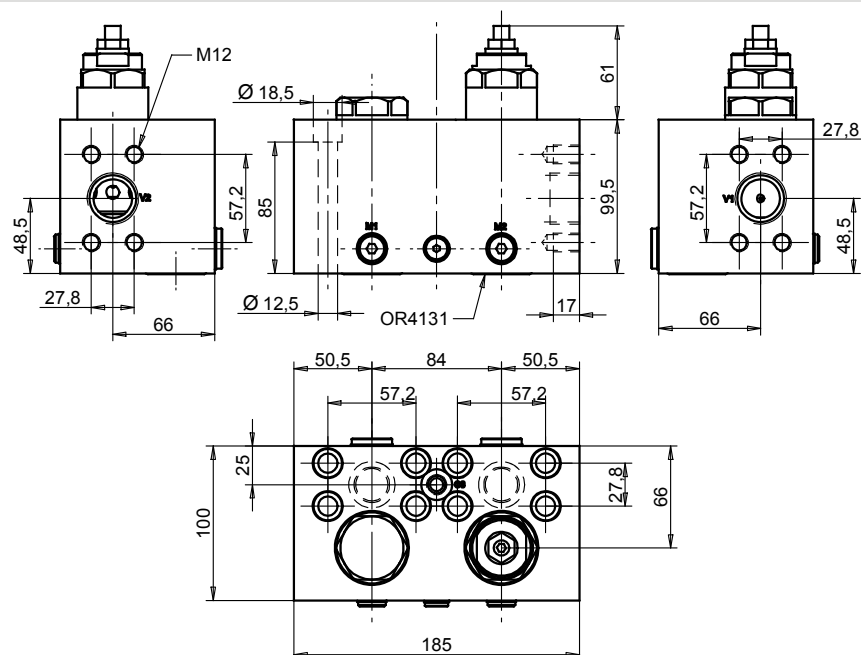
Ingombro / Dimensions



Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	120
Pressione max. / Max. pressure (bar)	350
Rapporto di pilotaggio / Pilot ratio	4:1 standard
Range di pressione standard Standard pressure range (bar)	100-350
Porte / Ports	V1-V2: G3/4 C1-C2: 3/4 SAE 6000 C3: G1/4

Materiale: cartuccia in acciaio zincato,
componenti interni in acciaio trattato.
Blocco alluminio (o corpo valvola)
Material: zinc plated steel cartridge, hardened
steel inner parts. Aluminium manifold

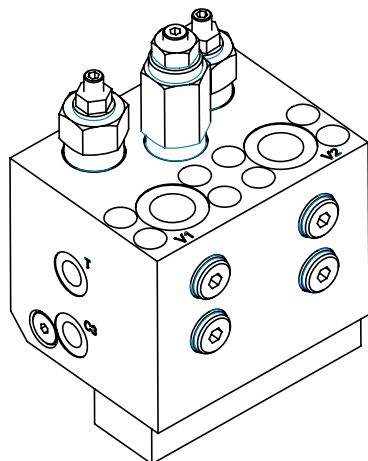
Schema di funzionamento
 Functional diagram

Ingombro / Dimensions

Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	320
Pressione max. / Max. pressure (bar)	350
Rapporto di pilotaggio / Pilot ratio	4:1 standard
Range di pressione standard Standard pressure range (bar)	140-350
Porte / Ports	V1-V2: 1" SAE 6000 C1-C2: 1" SAE 6000 C3-M1-M2: G 1/4

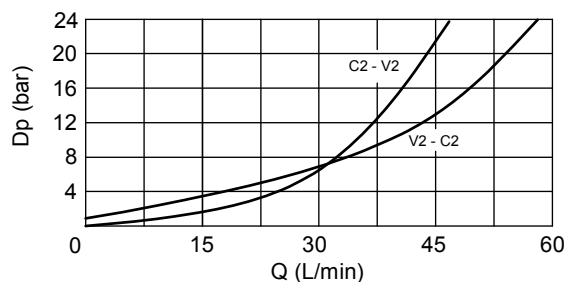
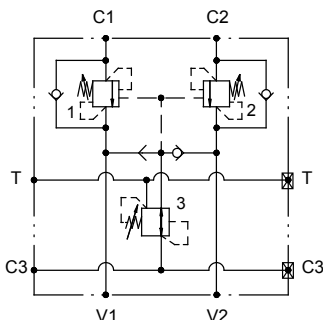
 Materiale: corpo in acciaio zincato
 Material: zinc plated steel body

 Utilizzabili su motori connessioni versioni 11/13/17/21/23.
 Can be used on motors with portings 11/13/17/21/23 versions.

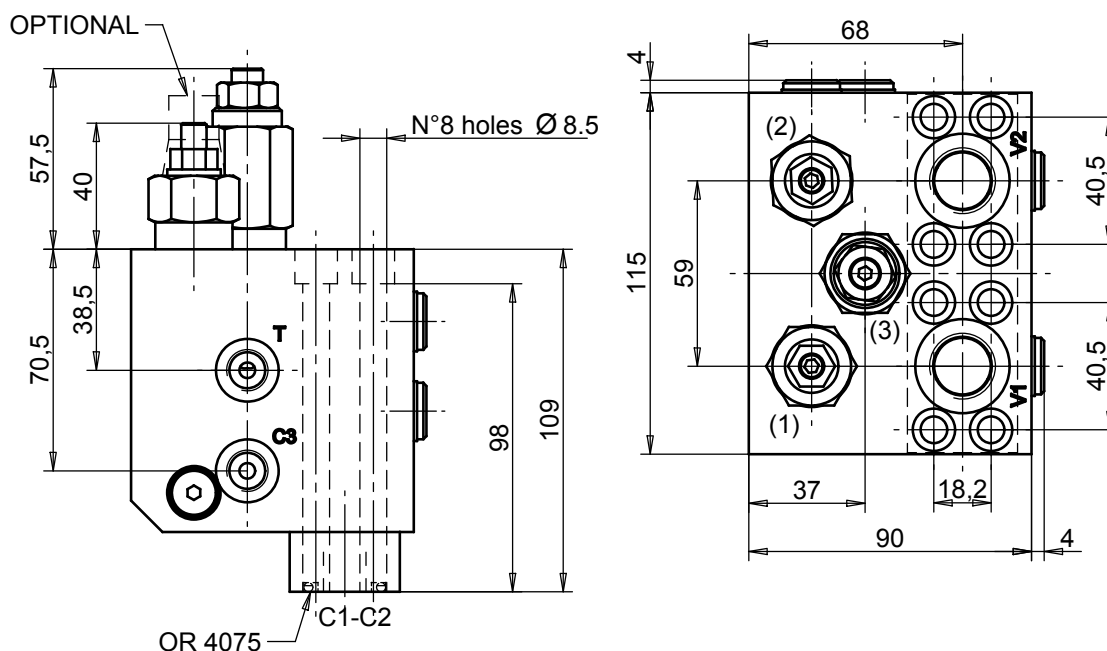
 Utilizzabili su motori unidirezionali.
 Can be used on unidirectional motors.



Schema di funzionamento
Functional diagram



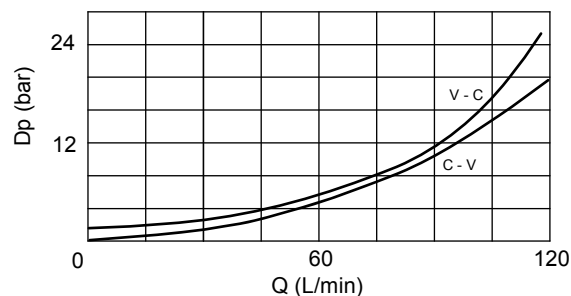
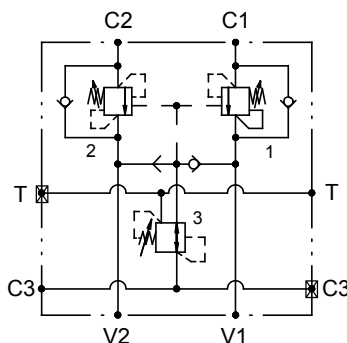
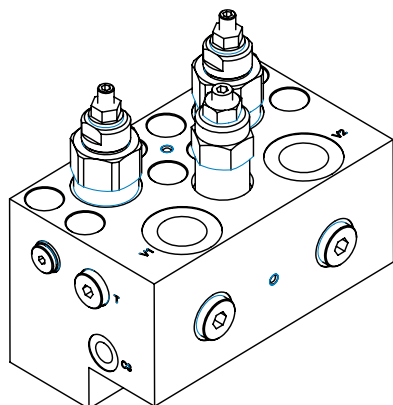
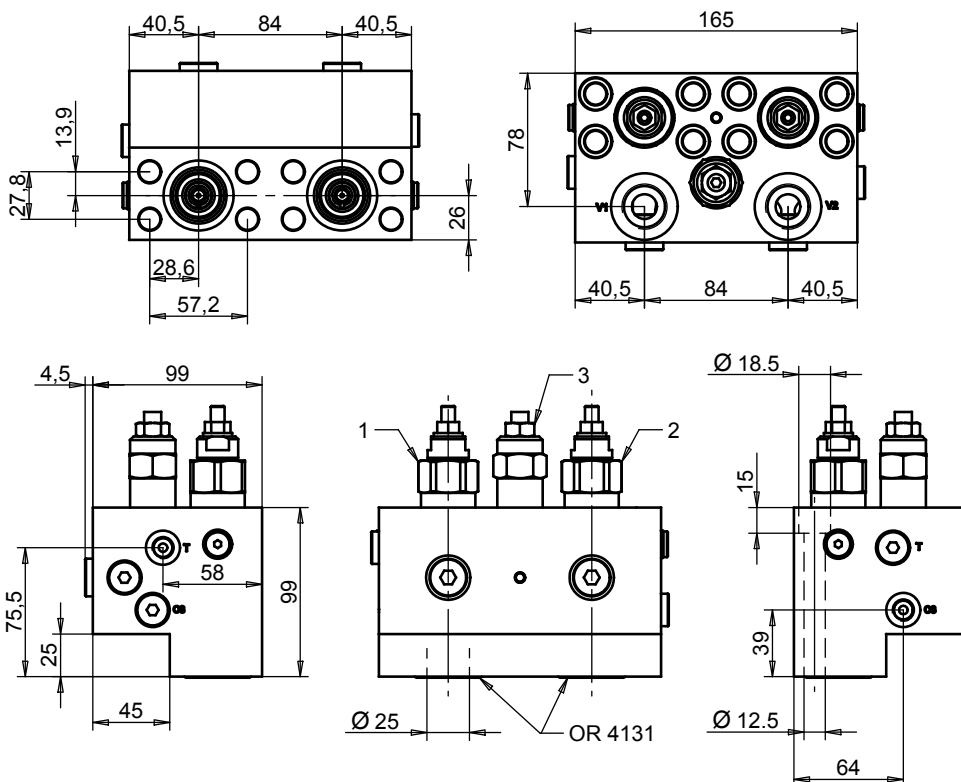
Ingombro / Dimensions



Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	60
Pressione max. / Max. pressure (bar)	350
Rapporto di pilotaggio / Pilot ratio	4,2:1 standard
Range di pressione standard Standard pressure range (bar)	100-350 bar
Porte / Ports	V1-V2: G 1/2 C1-C2: 1/2 SAE 6000 C3-T: G 1/4

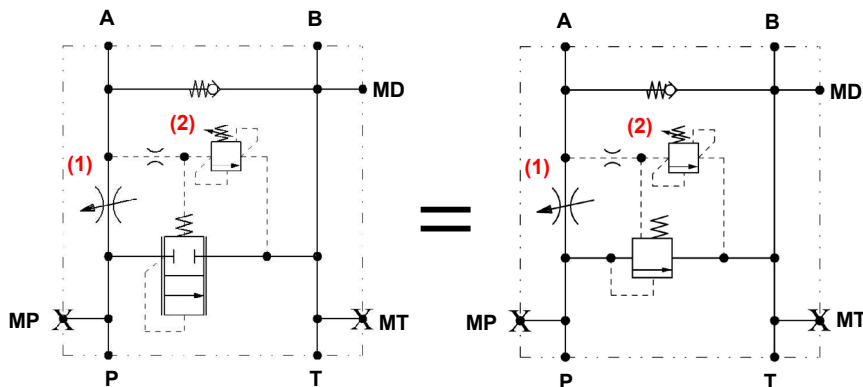
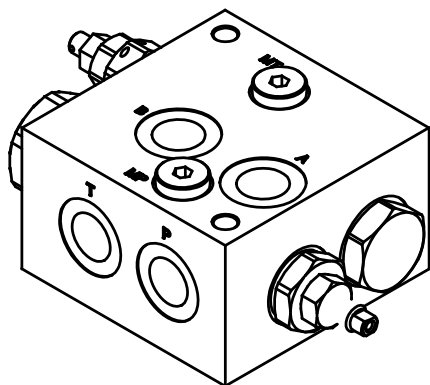
Materiale: corpo in alluminio
Material: aluminium body

Schema di funzionamento
Functional diagram

Ingombro / Dimensions

Caratteristiche funzionali / Functional data

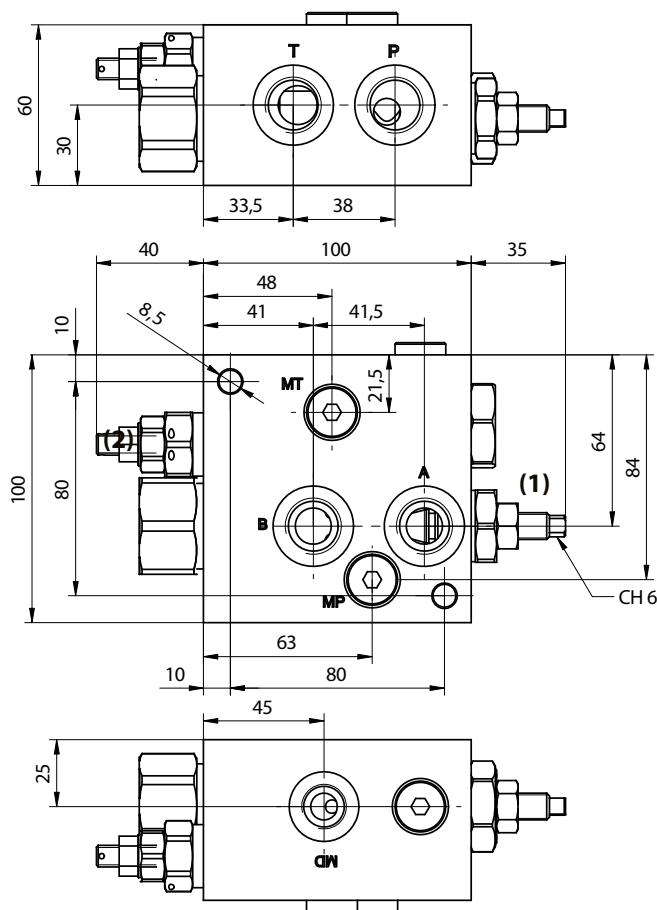
Portata massima / Max. flow rate (lpm)	120
Pressione max. / Max. pressure (bar)	350
Rapporto di pilotaggio / Pilot ratio	4:1 standard
Range di pressione standard Standard pressure range (bar)	(1)-(2):140-350bar (3):10-100bar
Porte / Ports	V1-V2: G 3/4 C1-C2: 1" SAE 6000 C3-T: G 1/4

Materiale: corpo in acciaio zincato,
acciaio trattato componenti interni
Material: zinc plated steel manifold, hardened
steel inner parts

Schema di funzionamento
Functional diagram



Ingombro / Dimensions



Caratteristiche funzionali / Functional data

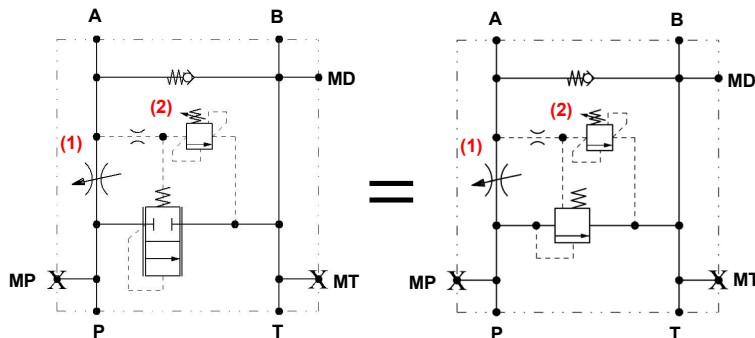
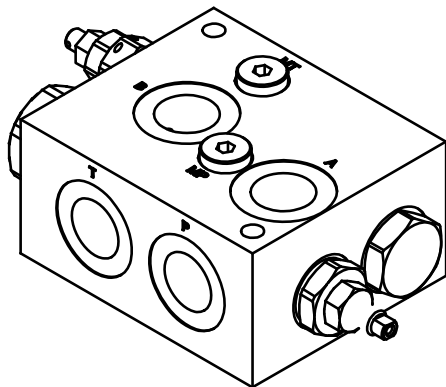
Portata massima / Max. flow rate (lpm)	60
Pressione max. / Max. pressure (bar)	250
Porte / Ports	A-B: G 1/2 P-T: G 1/2 MP-MT: G 1/4 MD: G 3/8

Materiale: alluminio
Material: aluminium

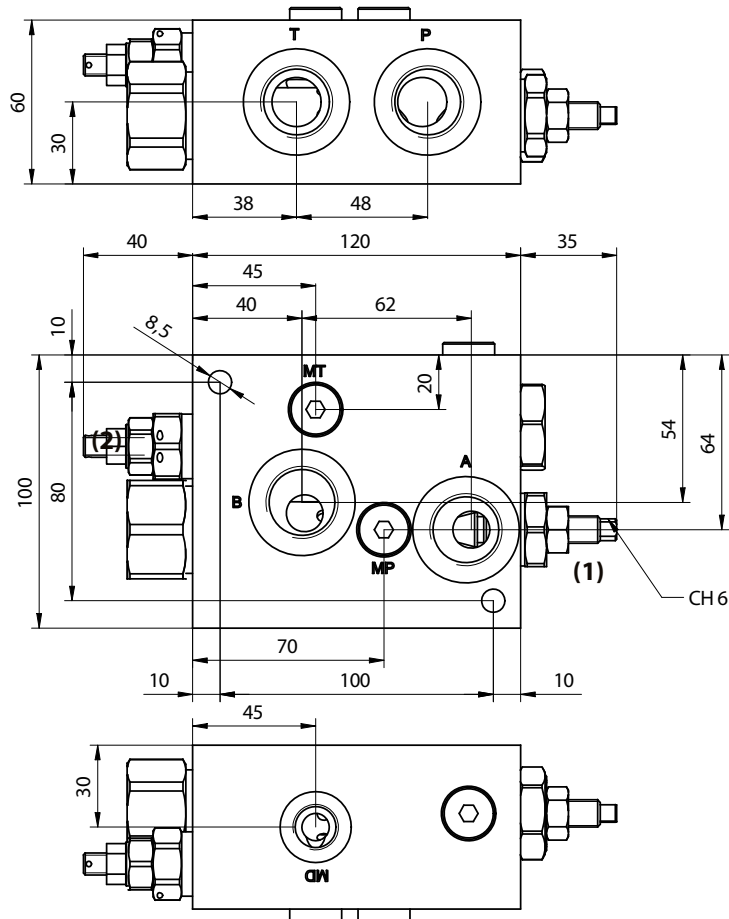
Montaggio in linea
In-line mounting

Utilizzabili su motori unidirezionali.
Can be used on unidirectional motors.

Schema di funzionamento
Functional diagram



Ingombro / Dimensions



Caratteristiche funzionali / Functional data

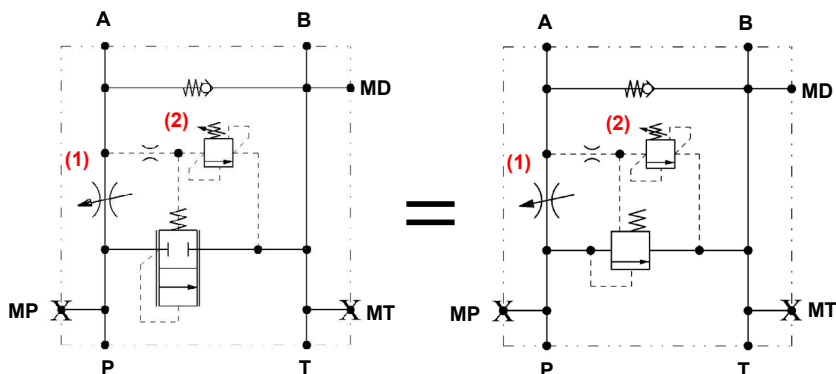
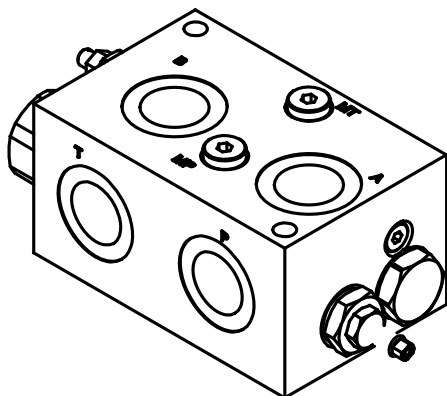
Portata massima / Max. flow rate (lpm)	120
Pressione max. / Max. pressure (bar)	210
Porte / Ports	A-B: G 3/4 P-T: G 3/4 MP-MT: G 1/4 MD: G 3/8

Materiale: alluminio
Material: aluminium

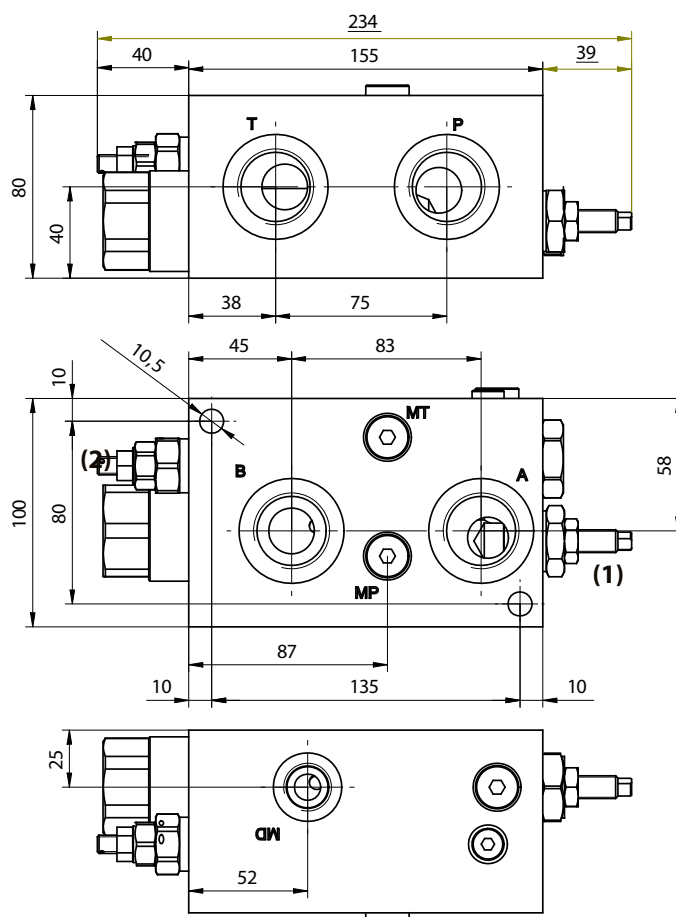
Montaggio in linea
In-line mounting

Utilizzabili su motori unidirezionali.
Can be used on unidirectional motors.

Schema di funzionamento
Functional diagram



Ingombro / Dimensions



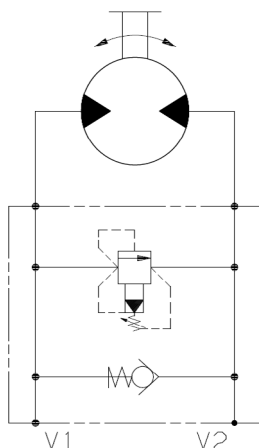
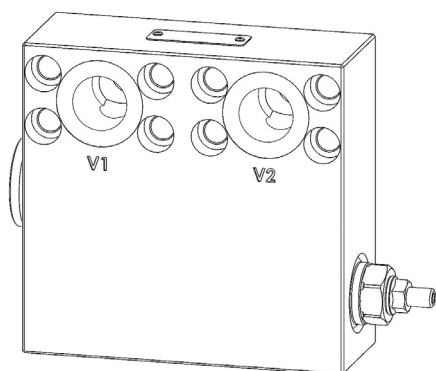
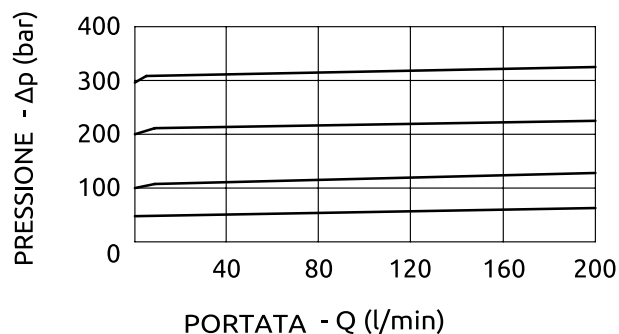
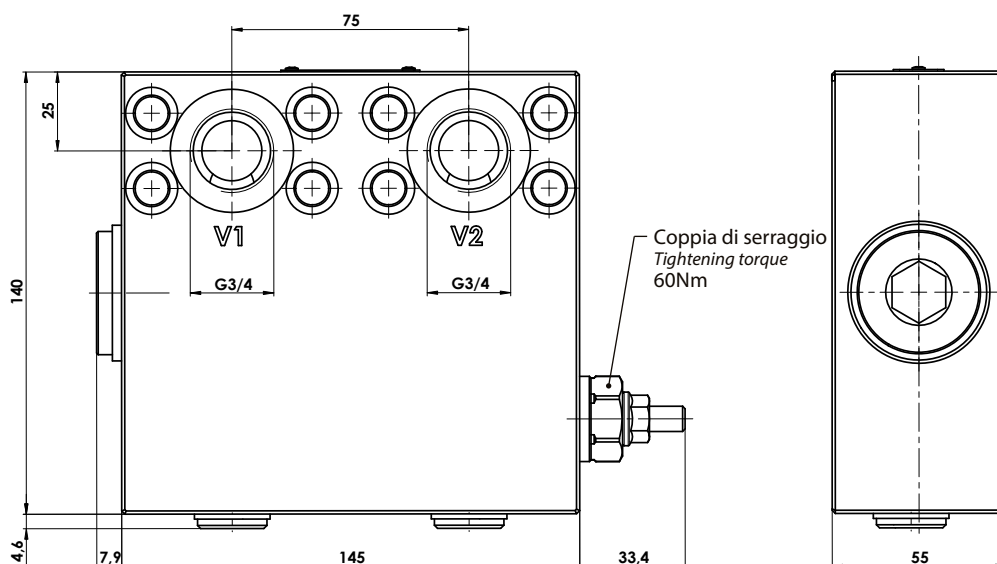
Caratteristiche funzionali / Functional data

Portata massima / Max. flow rate (lpm)	280
Pressione max. / Max. pressure (bar)	350
Porte / Ports	A-B: G 1 P-T: G 1 MP-MT: G 1/4 MD: G 1/2

Materiale: alluminio (std)
acciaio zincato (su richiesta)
Material: aluminium (std)
zinc plated steel (on request)

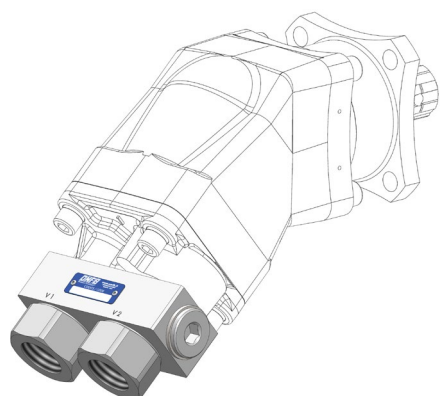
Montaggio in linea
In-line mounting

Utilizzabili su motori unidirezionali.
Can be used on unidirectional motors.

Schema di funzionamento
 Functional diagram

 Curve caratteristiche
 valvola di massima
 Relief valve
 performance curves

Ingombro / Dimensions

Caratteristiche funzionali / Functional data

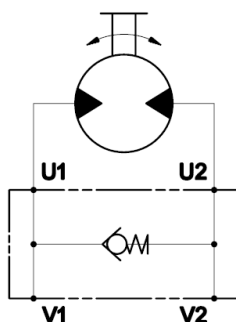
Pressione max. / Max. pressure (bar)	350
Portata massima / Max. flow rate (lpm)	200
Porte V1-V2 / Ports V1-V2 (BSP)	3/4
Campo di taratura / Pressure range (bar)	100-350
Taratura standard / Standard setting (bar)	300
Incremento per giro / Pressure increase (bar/turn)	150

 Materiale: acciaio zincato
 Material: zinc plated steel



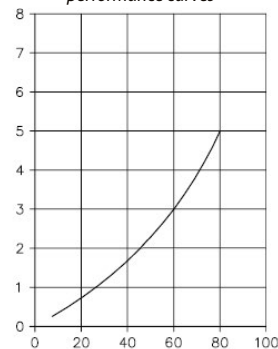
Schema di funzionamento

Functional diagram



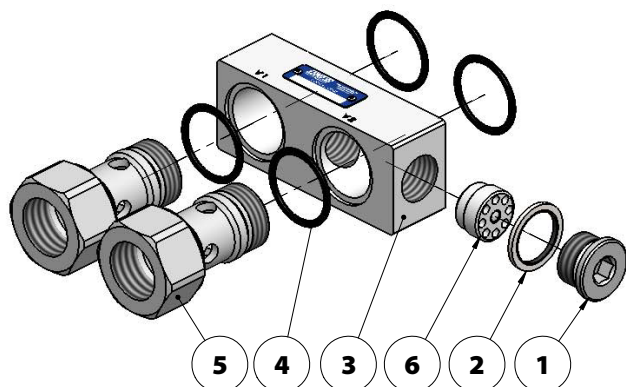
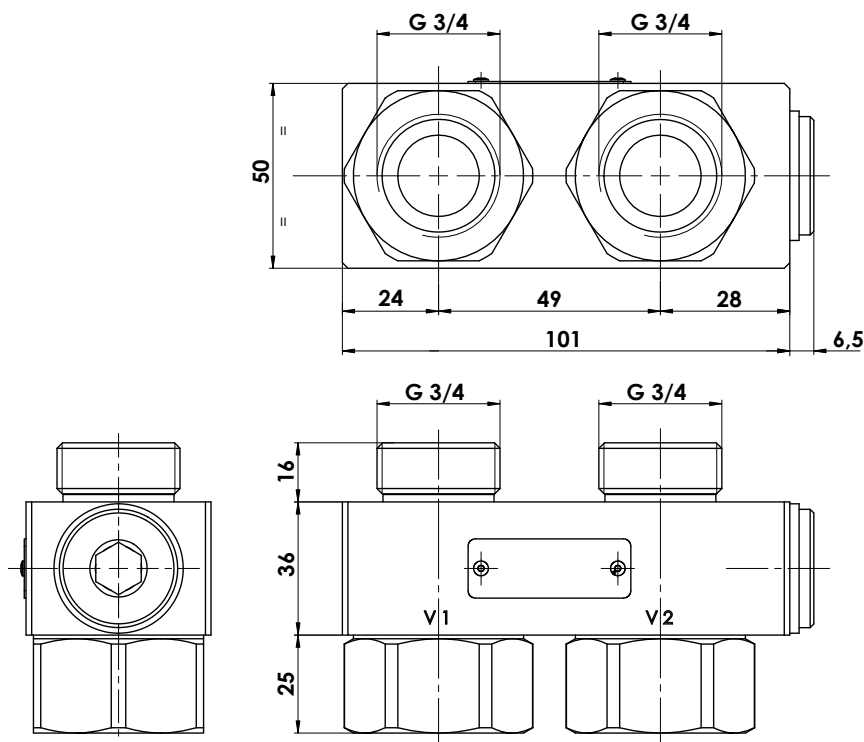
Δp flow
resistance
(bar)

Curve caratteristiche
valvola di massima
Relief valve
performance curves



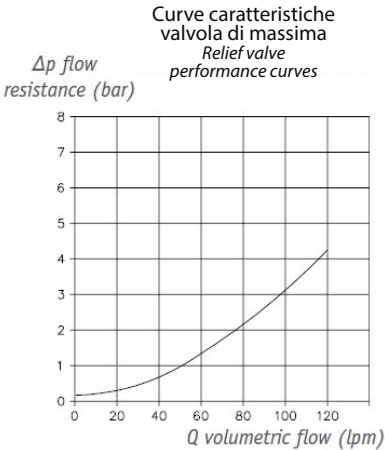
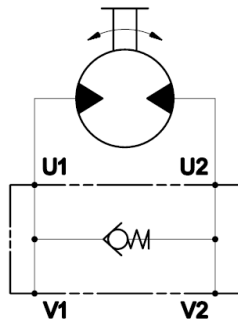
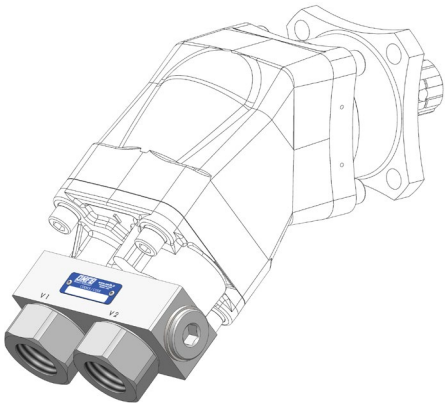
Q
volumetric flow
(lpm)

Ingombro / Dimensions

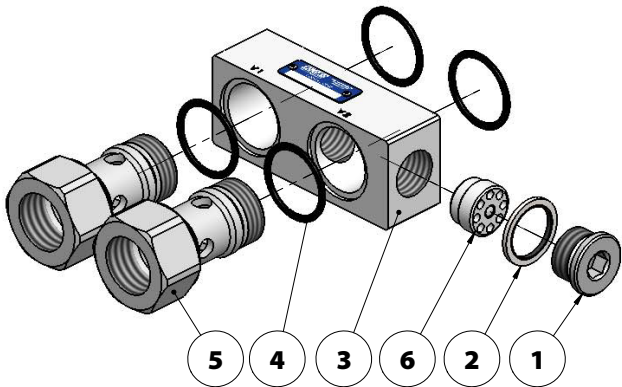
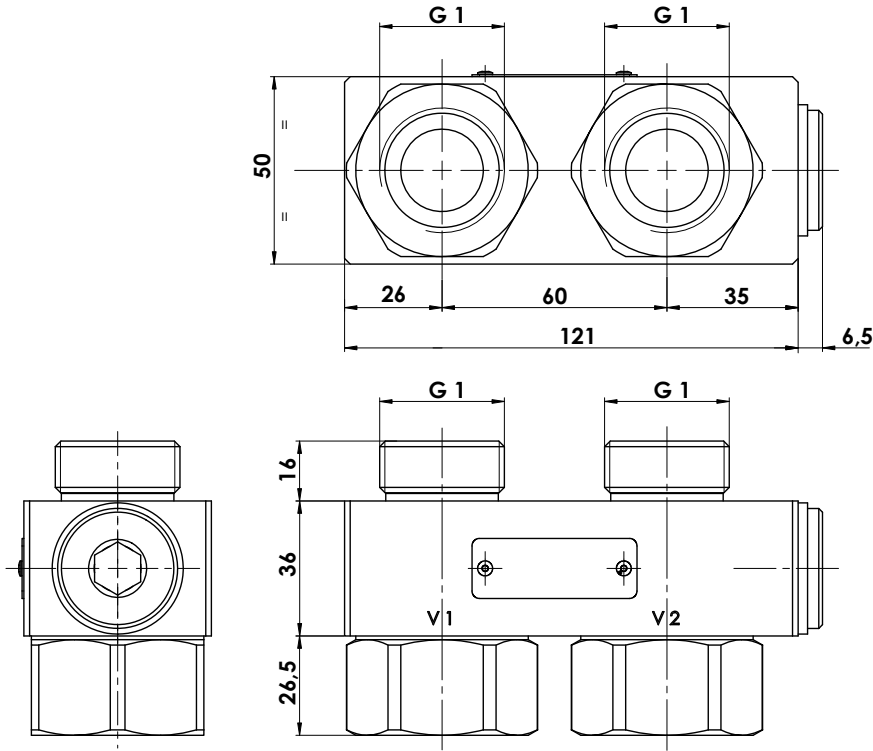


Pos.	Codice Code	Denominazione Description	Q.
1	11500600573	Tappo cieco M24x1.5 DIN908 Plug M24x1.5 DIN908	1
2	11600910245	Rondella acciaio/gomma x M24 Steel/rubber washer M24	1
3	52000000721	Pannello / Panel	1
4	50600603112	Guarnizione OR 3112 FKM/FPM Gasket OR 3112 FKM/FPM	4
5	54000500359	Tappo passante G3/4 - Plug G 3/4	2
6	12402910155	Valvola ritegno cartuccia G1/2 L=13.5 Valve G 1/2 L=13.5	1

Schema di funzionamento
Functional diagram

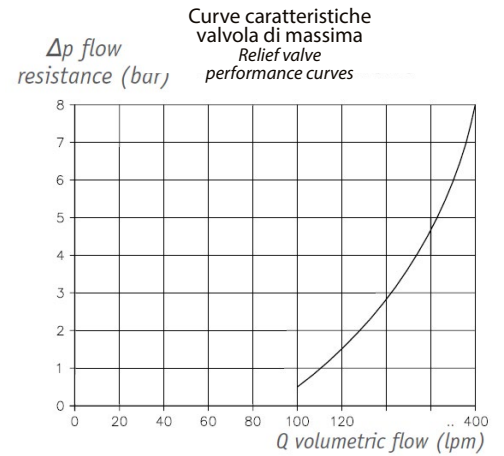
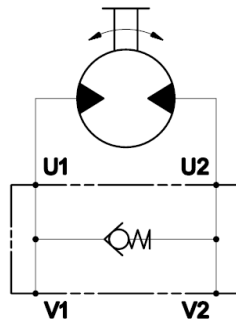
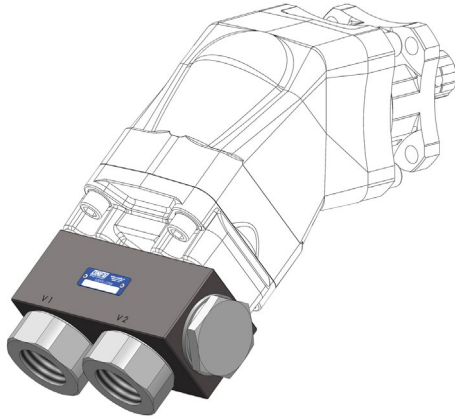


Ingombro / Dimensions

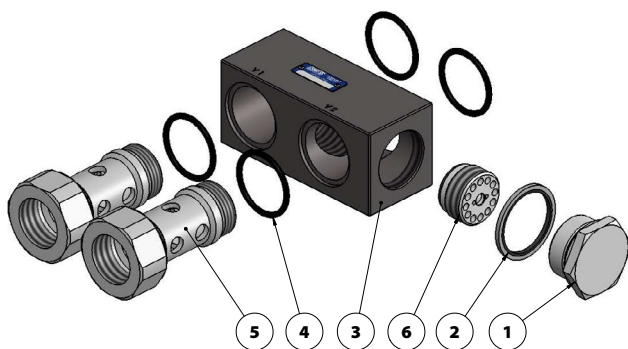
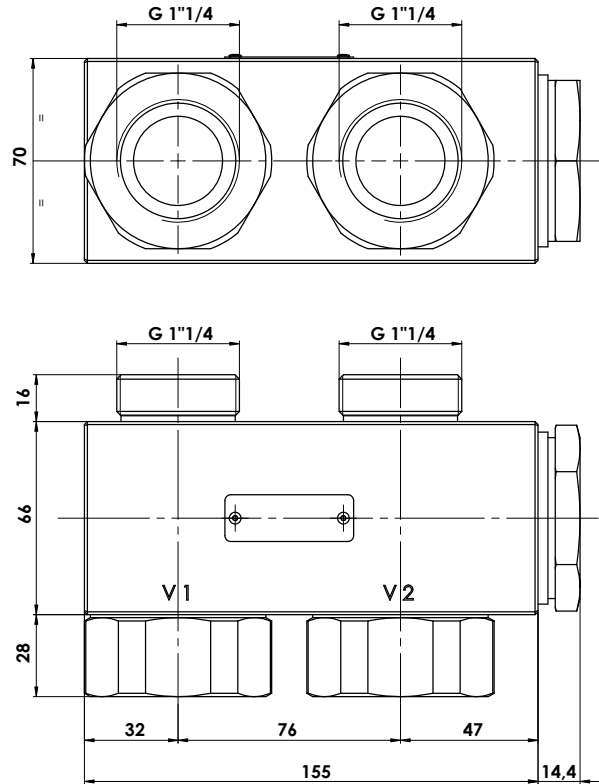


Pos.	Codice Code	Denominazione Description	Q.
1	11500600144	Tappo acciaio TCE G3/4 DIN908 Plug G 3/4 DIN908	1
2	11600910343	Rondella acciaio/gomma G3/4 Steel/rubber washer G 3/4	1
3	52000000703	Pannello / Panel	1
4	50600603143	Guarnizione OR 3143 FKM/FPM Gasket OR 3143 FKM/FPM	4
5	54000500537	Tappo passante G1 / Plug G 1	2
6	12402910208	Valvola ritegno cartuccia G3/4 L=17.5 Valve G 3/4 L=17.5	1

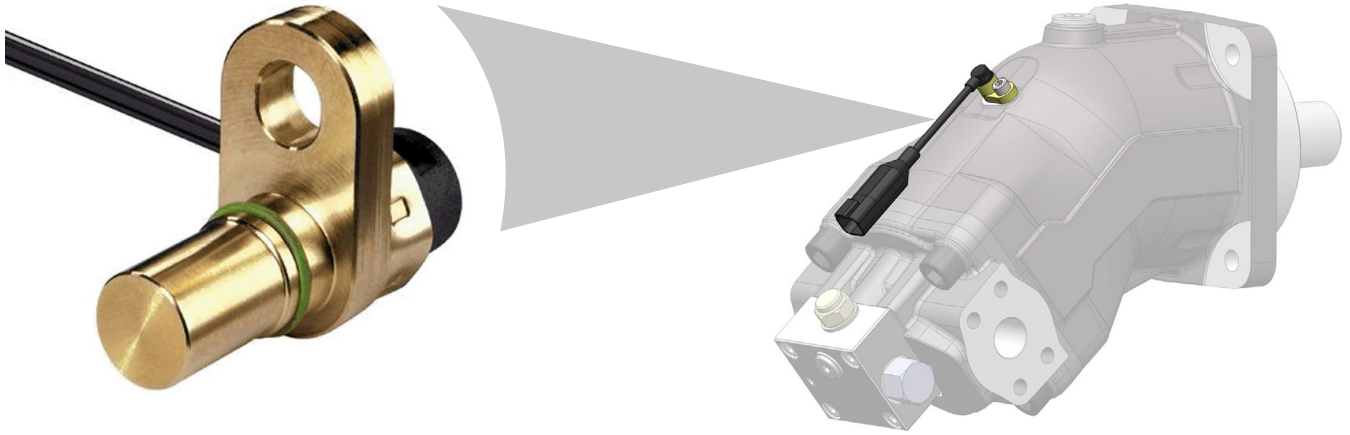
Schema di funzionamento
Functional diagram



Ingombro / Dimensions



Pos.	Codice Code	Denominazione Description	Q.
1	54000200174	Tappo TE G 1-1/2 Plug G 1-1/2	1
2	11600911208	Rondella acciaio/gomma G 1-1/2 Steel/rubber washer G 1-1/2	1
3	52000000678	Pannello / Panel	1
4	50600600145	Guarnizione OR 150 FKM/FPM Gasket OR 150 FKM/FPM	4
5	54000500493	Tappo passante G1-1/4 - Plug G 1-1/4	2
6	12402910253	Valvola ritegno cartuccia G 1-1/4 L=27.5 Valve G 1-1/4 L=27.5	1



ATTENZIONE: solo per motori con opzione speed sensor
ATTENTION: only for motors with speed sensor option



VARIANTI
VARIANTS

TIPO FLANGIA
FLANGE TYPE

2	4	4
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ALBERO
SHAFT

0	2	0
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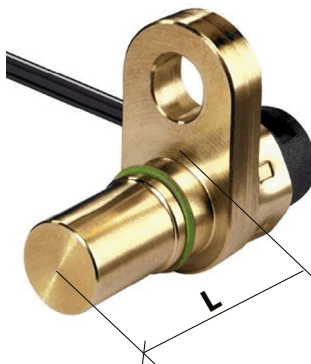
CONNESSIONI
PORTINGS

0	1
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CILINDRATA
DISPLACEMENT

0	6	4
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Varianti / Variants					
P				Cilindrata Displacement	L (mm)
Motore con sensore montato Motor complete with selected speed sensor already mounted	Motore con predisposizione sensore Motor with speed sensor option			da 012cc a 130cc	
	M01	31800000186	Speed sensor 2CH PWM 1mt. cable Speed sensor 2CH PWM 1mt. cable	da 012cc a 091cc	18,4
	M02	31800100185	Speed sensor 1CH 1mt. cable Speed sensor 1CH 1mt. cable	da 012cc a 091cc	18,4
	M03	31800201183	Speed sensor 2CH (2FREQ) 1mt. DEUT. Speed sensor 2CH (2FREQ) 1mt. DEUT.	da 012cc a 091cc	18,4
	M04	31800201325	Speed sensor 2CH (2FREQ) 1mt. DEUT. Speed sensor 2CH (2FREQ) 1mt. DEUT.	108-130	32
	M05	31800301182	Speed sensor 2CH (1F+1D) 1mt. DEUT. Speed sensor 2CH (1F+1D) 1mt. DEUT.	da 012cc a 091cc	18,4
	M06	31800301324	Speed sensor 2CH (1F+1D) 1mt. DEUT. Speed sensor 2CH (1F+1D) 1mt. DEUT.	108-130	32



[Foglio di
catalogo
Data sheet](#)