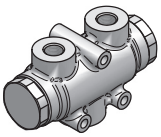
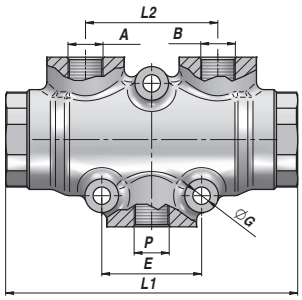
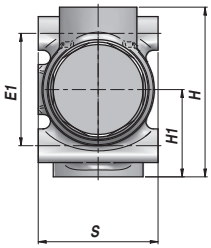
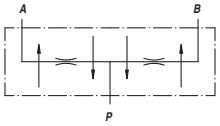
VEQ

DIVISEUR DE DEBIT
FLOW DIVIDER







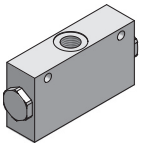


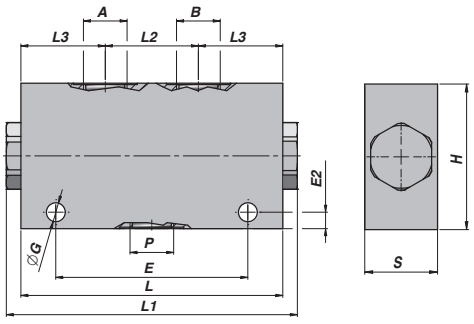
Code *Code*	P BSP	A - B BSP	Q MIN/MAX l/min	P MAX bar	Type *Type*	L1	L2	E	E1	ØG	H1	H	S	kg
V3615.0311	3/8"	3/8"	1/ 3	250	VEQ 8	117	53	40	45	7	35	68	48	1,27
V3615.0312	3/8"	3/8"	3/ 6	250	VEQ 10	117	53	40	45	7	35	68	48	1,27
V3615.0313	3/8"	3/8"	6/10	250	VEQ 15	117	53	40	45	7	35	68	48	1,28
V3615.0314	3/8"	3/8"	10/20	250	VEQ 20	117	53	40	45	7	35	68	48	1,27
V3615.0315	3/8"	3/8"	20/32	250	VEQ 22	117	53	40	45	7	35	68	48	1,28
V3615.0316	1/2"	3/8"	25/40	250	VEQ 25	117	53	40	45	7	35	68	48	1,28
V3615.0317	1/2"	3/8"	40/60	250	VEQ 30	117	53	40	45	7	35	68	48	1,26
V3615.0318	1/2"	3/8"	60/80	250	VEQ 50	117	53	40	45	7	35	68	48	1,26

MATERIEL CORPS : FONTE — MONTAGE EN LIGNE
BODY MATERIAL : CAST IRON — *LINE MOUNTING*

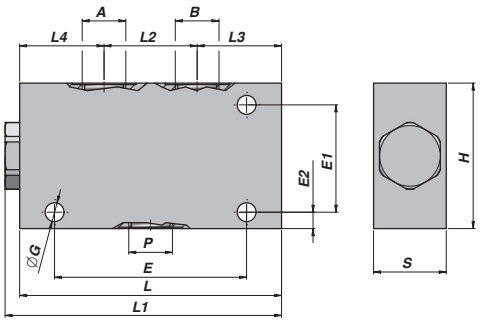
VDF

DIVISEUR DE DEBIT
FLOW DIVIDER

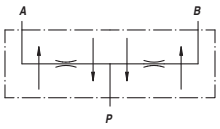




VDF 38 - VDF 12



VDF 34



Code *Code*	P BSP	A - B BSP	Q MIN/MAX l/min	P MAX bar	Type *Type*	L	L1	L2	L3	L4	E	E1	E2	ØG	H	S	kg
VAG501.20*000	3/8"	3/8"	6.5 / 38	210	VDF 38-*	121	135.0	53	34	-	100	-	7	6.5	60	40	0,87
VAG501.25*000	1/2"	3/8"	6.5 / 38	210	VDF 12-*	121	135.0	53	34	-	100	-	7	6.5	60	40	0,85
VAG501.35*000	3/4"	1/2"	15 / 90	210	VDF 34-*	120	129.5	48	42	30	102	60	10	6.5	80	40	0,92

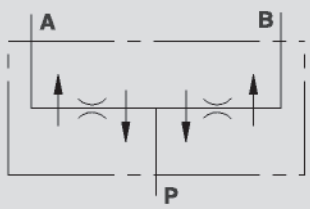
* = Plage de Réglage - *Flow Range* (l/min - 50 bar) :
* VDF 38-**A** = 6.5- 12 - VDF 38-**B** = 13- 23 - VDF 38-**C** = 24- 38
* VDF 12-**A** = 6.5- 12 - VDF 12-**B** = 13- 23 - VDF 12-**C** = 24- 38
* VDF 34-**A** = 15 - 55 - VDF 34-**B** = 56 -90

MATERIEL CORPS : ALUMINIUM — MONTAGE EN LIGNE
BODY MATERIAL : ALUMINIUM — *LINE MOUNTING*

VALVOLE EQUILIBRATRICI DI FLUSSO A 2 VIE
2 WAYS FLOW DIVIDER

TIPO / TYPE
V-EQ

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvole che consentono la divisione del fluido in ingresso in due parti uguali (50/50), mentre nella direzione opposta lo riunificano indipendentemente dalla variazione di pressione generata dagli attuatori e dalla loro portata. Vengono utilizzate quando due attuatori uguali, non accoppiati meccanicamente, alimentati dalla stessa pompa e regolati dallo stesso distributore devono muoversi contemporaneamente in entrata e in uscita.

MATERIALI E CARATTERISTICHE:
Corpo: ghisa.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard e Teflon.
Tenuta: per accoppiamento. Trafilamento trascurabile.
Tolleranza: max ± 3% calcolata sulla portata max. Eventuali differenze sono compensate a fine corsa del cilindro.

MONTAGGIO:
Collegare P all'alimentazione e A e B agli attuatori.

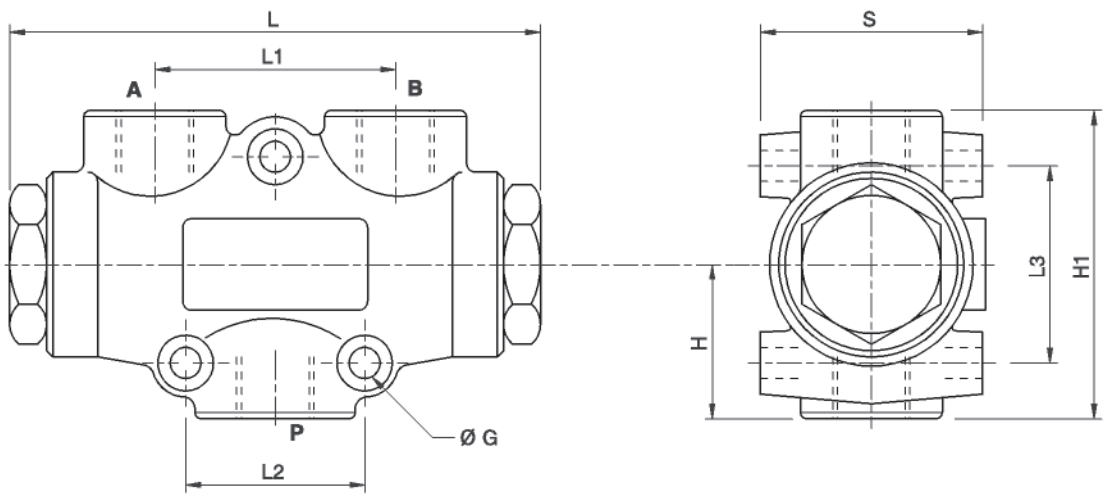
USE AND OPERATION:
These valves are used when two equal actuators, that are not mechanically coupled, supplied by the same pump and controlled by a single valve, must move simultaneously both in extension and retraction.

MATERIALS AND FEATURES:
Body: cast iron.
Internal parts: hardened and ground steel.
Seals: BUNA N standard and Teflon.
Load holding : matched diameters, minimal leakage.
Cylinder stroke error tolerance of ±3% of maximum flow. Any flow errors are compensated for at the end of stroke.

CONNECTIONS:
Connect P to supply flow and A and B to the actuators.

CODICE CODE	SIGLA TYPE	PORTATA MIN* MIN FLOW Lt. / min	PORTATA MAX* MAX FLOW Lt. / min	PRESS. ESERCIZIO WORKING PRESSURE Bar	PICCO DI PRESSIONE PEAK PRESSURE Bar
V1001	V - EQ 8	1	3	250	300
V1000	V - EQ 10	3	6	250	300
V1002	V - EQ 15	6	10	250	300
V1003	V - EQ 20	10	20	250	300
V1004	V - EQ 22	20	32	250	300
V1005	V - EQ 25	25	40	250	300
V1006	V - EQ 30	40	60	250	300
V1007	V - EQ 50	60	80	250	300

*I valori di portata si riferiscono all'ingresso P
*Capacity values refers to input P



CODICE CODE	SIGLA TYPE	P GAS	A - B GAS	L mm	L1 mm	L2 mm	L3 mm	ØG mm	H mm	H1 mm	S mm	PESO WEIGHT Kg.
V1001	V - EQ 8	G 3/8"	G 3/8"	117	53	40	45	7	35	68	48	1,270
V1000	V - EQ 10	G 3/8"	G 3/8"	117	53	40	45	7	35	68	48	1,270
V1002	V - EQ 15	G 3/8"	G 3/8"	117	53	40	45	7	35	68	48	1,280
V1003	V - EQ 20	G 3/8"	G 3/8"	117	53	40	45	7	35	68	48	1,280
V1004	V - EQ 22	G 3/8"	G 3/8"	117	53	40	45	7	35	68	48	1,280
V1005	V - EQ 25	G 1/2"	G 3/8"	117	53	40	45	7	35	68	48	1,280
V1006	V - EQ 30	G 1/2"	G 3/8"	117	53	40	45	7	35	68	48	1,260
V1007	V - EQ 50	G 1/2"	G 3/8"	117	53	40	45	7	35	68	48	1,260

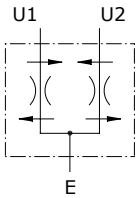
Type VDFR
flow control pressure compensated valves

- Flow divider combiners

Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C *(104°F)* temperature.

		VDFR 38-12	VDFR 38-24	VDFR 38-40	VDFR 12-12	VDFR 12-24	VDFR 12-40	VDFR 34-65	VDFR 34-90	VDFR 100-150	VDFR 114-250
Nominal flow	l/min	4÷12	12÷24	24÷38	6.5÷12	13÷23	24÷40	34÷65	40÷90	90÷150	200÷250
	US gpm	*1.1÷3.2*	*3.2÷6.3*	*6.3÷10.04*	*1.71÷3.2*	*3.43÷6.07*	*6.3÷10.6*	*8.98÷17.17*	*10.6÷23.8*	*23.8÷39.6*	*52.8÷66*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 psi)*									Steel body = 350 bar *(5100 psi)*
Maximum division error		± 5% of the oil flow in U1 or U2 and 120 bar *(1750 psi)* pressure difference between U1 and U2. (Division rate 50%÷50%)									
Fluid		mineral based oil									
Viscosity		from 10 to 200 cSt									
Max. level of contamination		18/16/13 ISO4406									
Fluid temperature		*with NBR seals* from -20°C *(-4°F)* to 80°C *(176°F)*									
Environmental temp. for working conditions		from -40°C *(-40°F)* to 100°C *(212°F)*									
Weight	*alum.*	0.82 kg *(1.81 lb)*	0.82 kg *(1.81 lb)*	0.87 kg *(1.92 lb)*	0.83 kg *(1.83 lb)*	0.83 kg *(1.83 lb)*	0.82 kg *(1.81 lb)*	0.92 kg *(2.03 lb)*	2.16 kg *(4.76 lb)*	2.09 kg *(4.61 lb)*	-
	steel	1.98 kg *(4.37 lb)*	1.98 kg *(4.37 lb)*	-	-	-	1.97 kg *(4.34 lb)*	-	4.42 kg *(9.74 lb)*	4.29 kg *(9.46 lb)*	6.58 kg *(14.51 lb)*

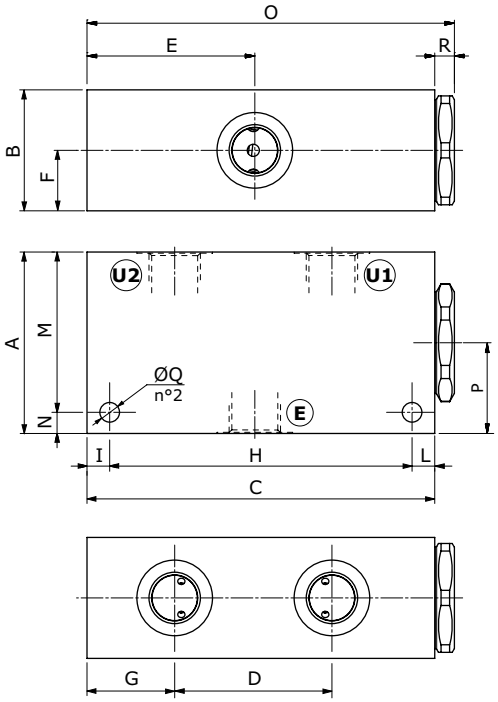
NOTE - For different conditions, please contact Sales Dpt.



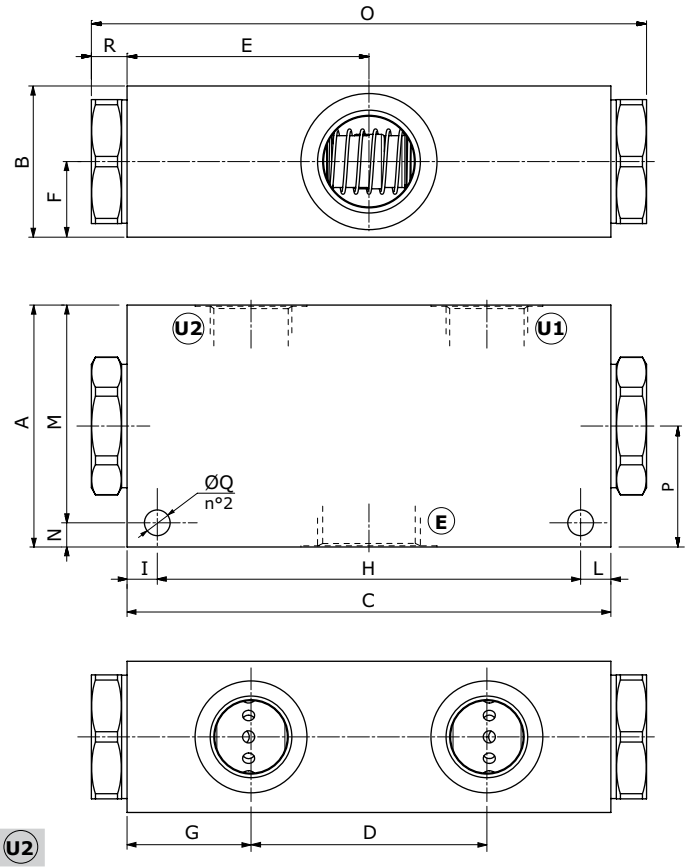
Dimensions

VDFR 38-12 - VDFR 38-24 - VDFR 12-40

These valves are supplied, as standard, without mounting holes.
Configurations with mounting holes (see dimension Q) are on request.



VDFR 34-65 - VDFR 34-90 - VDFR 100-150

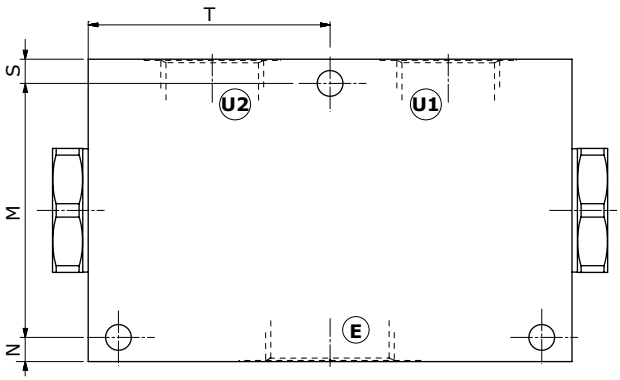


Valve type	E	U1 - U2
VDFR 38-12	G3/8	G3/8
VDFR 38-24	G3/8	G3/8
VDFR 38-40	G3/8	G3/8
VDFR 12-12	G1/2	G3/8
VDFR 12-24	G1/2	G3/8

Valve type	E	U1 - U2
VDFR 12-40	G1/2	G3/8
VDFR 34-65	G3/4	G1/2
VDFR 34-90	G3/4	G1/2
VDFR 100-150	G1″	G3/4
VDFR 114-250	G1″1/4	G1″

Valve type	E	U1 - U2
VDFR 38-12/SAE	SAE8	SAE8
VDFR 38-24/SAE	SAE8	SAE8
VDFR 12-40/SAE	SAE10	SAE8
VDFR 34-90/SAE	SAE12	SAE10
VDFR 100-150/SAE	SAE16	SAE12

VDFR 114-250



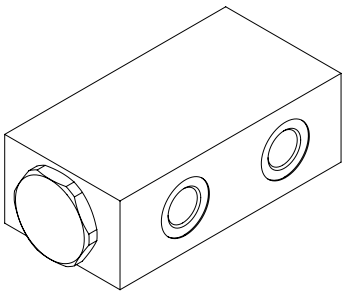
Dimensions are in mm-*in*

Valve type	A	B	C	D	E	F	G	H	I	L	M	N	O	P	ØQ	R	S	T
VDFR 38-12 **VDFR 38-12/SAE**	60 *2.36*	40 *1.57*	115 *4.53*	52 *2.05*	55.5 *2.19*	20 *0.79*	29 *1.14*	100 *3.94*	7.5 *0.295*	7.5 *0.295*	53 *2.09*	7 *0.276*	121.5 *4.78*	30 *1.18*	6.5 *0.256*	6.5 *0.256*	-	-
VDFR 38-24/38-40 **VDFR 38-24/SAE**	60 *2.36*	40 *1.57*	115 *4.53*	52 *2.05*	55.5 *2.19*	20 *0.79*	29 *1.14*	100 *3.94*	7.5 *0.295*	7.5 *0.295*	53 *2.09*	7 *0.276*	121.5 *4.78*	30 *1.18*	6.5 *0.256*	6.5 *0.256*	-	-
VDFR 12-12/12-24 **12-40** **VDFR 12-40/SAE**	60 *2.36*	40 *1.57*	115 *4.53*	52 *2.05*	55.5 *2.19*	20 *0.79*	29 *1.14*	100 *3.94*	7.5 *0.295*	7.5 *0.295*	53 *2.09*	7 *0.276*	121.5 *4.78*	30 *1.18*	6.5 *0.256*	6.5 *0.256*	-	-
VDFR 34-65/34-90 **VDFR 34-90/SAE**	80 *3.15*	50 *1.97*	160 *6.30*	78 *3.07*	80 *3.15*	25 *0.98*	41 *1.61*	140 *5.51*	10 *0.394*	10 *0.394*	72 *2.83*	8 *0.315*	183.6 *7.23*	40 *1.57*	8.5 *0.335*	11.8 *0.46*	-	-
VDFR 100-150 **VDFR 100-150/SAE**	80 *3.15*	50 *1.97*	160 *6.30*	78 *3.07*	80 *3.15*	25 *0.98*	41 *1.61*	140 *5.51*	10 *0.394*	10 *0.394*	72 *2.83*	8 *0.315*	183.6 *7.23*	40 *1.57*	8.5 *0.335*	11.8 *0.46*	-	-
VDFR 114-250	100 *3.94*	60 *2.36*	160 *6.30*	78 *3.07*	80 *3.15*	30 *1.18*	41 *1.61*	140 *5.51*	10 *0.394*	10 *0.394*	84 *3.31*	8 *0.315*	183.6 *7.23*	50 *1.97*	8.5 *0.335*	11.8 *0.46*	8 *0.315*	80 *3.15*

Ordering codes and description composition

Port size

VDFR 38-12



VDFR complete valves

50%-50% Divide ratio

TYPE	CODE	DESCRIPTION
VDFR 38-12	1650021100	Aluminium body, G3/8 ports
VDFR 38-24	1650021101	Aluminium body, G3/8 ports
VDFR 38-40	1650021137	Aluminium body, G3/8 ports
VDFR 12-12	1650031119	Aluminium body, G1/2 ports
VDFR 12-24	1650031120	Aluminium body, G1/2 ports
VDFR 12-40	1650031100	Aluminium body, G1/2 ports
VDFR 34-65	1650041107	Aluminium body, G3/4 ports
VDFR 34-90	1650041100	Aluminium body, G3/4 ports
VDFR 100-150	1650051100	Aluminium body, G1" ports
VDFR 38-12/ac	1650022100	Steel body, G3/8 ports
VDFR 38-24/ac	1650022101	Steel body, G3/8 ports

VDFR complete valves (continue)

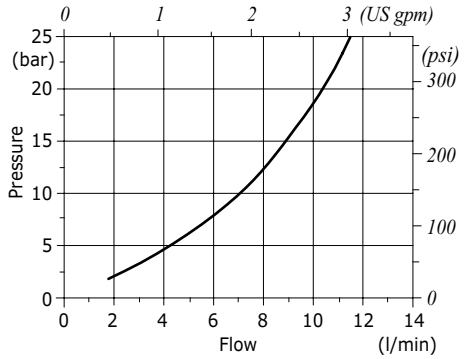
50%-50% Divide ratio

TYPE	CODE	DESCRIPTION
VDFR 12-40/ac	1650032100	Steel body, G1/2 ports
VDFR 34-90/ac	1650042101	Steel body, G3/4 ports
VDFR 100-150/ac	1650052100	Steel body, G1" ports
VDFR 114-250/ac	1650062100	Steel body, G1"1/4 ports
VDFR 38-12/SAE	1650021202	Aluminium body, SAE8 ports
VDFR 38-24/SAE	1650021203	Aluminium body, SAE8 ports
VDFR 12-40/SAE	1650031201	Aluminium body, SAE10 ports
VDFR 34-90/SAE	1650041200	Aluminium body, SAE12 ports
VDFR 34-90/SAE/ac	1650042200	Steel body, SAE12 ports
VDFR 100-150/SAE/ac	1650052200	Steel body, SAE16 ports

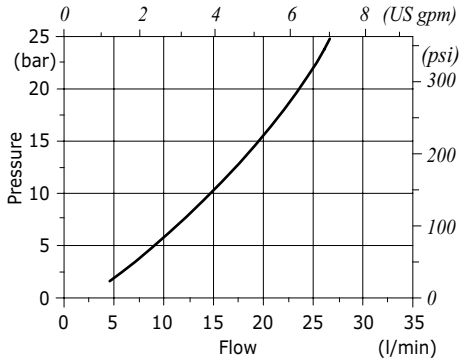
Note:special divide ratios 33%÷66% - 30%÷70% - 20%÷80% - 25%÷75% - 40%÷60% for VDFR 38-12, 38-24, 12-40 and 34-90.
33%÷66%-40%÷60% for VDFR 100-150
For VDFR 114-250 please please contact our Sales Dpt.
Mounting holes on request (standard on VDFR 34-90 - VDFR 100-150 and VDFR114-250)
For other steel body configurations, SAE thread and configurations with FPM (Viton) seals, please contact our Sales Dpt.

Rating diagrams

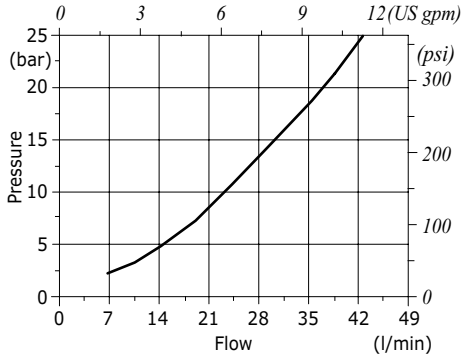
VDFR 38-12
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



VDFR 38-24
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)

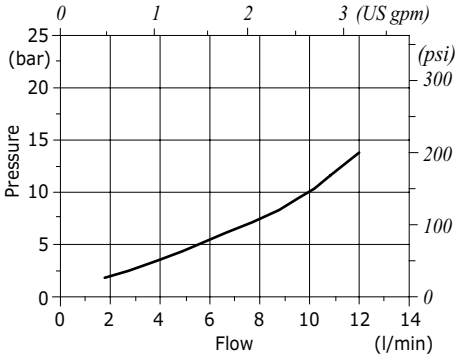


VDFR 38-40
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)

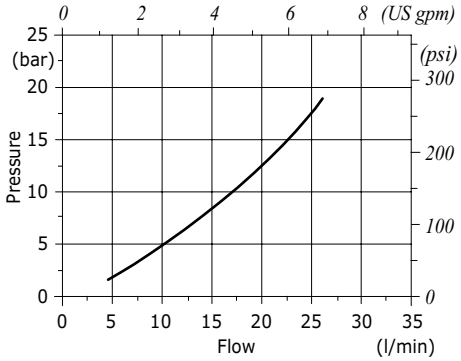


Rating diagrams

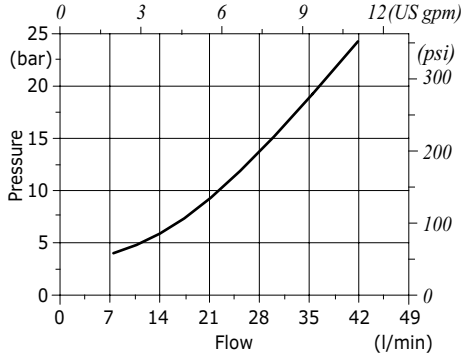
VDFR 12-12
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



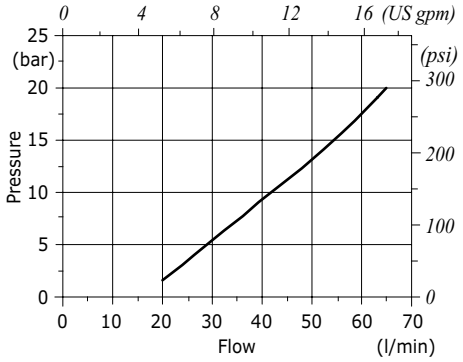
VDFR 12-24
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



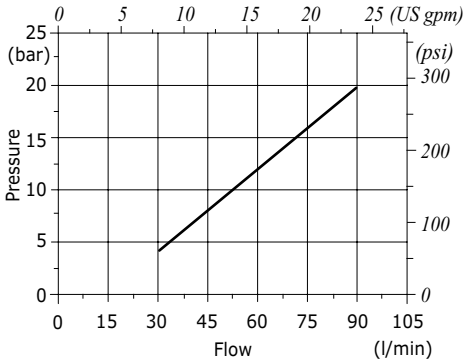
VDFR 12-40
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



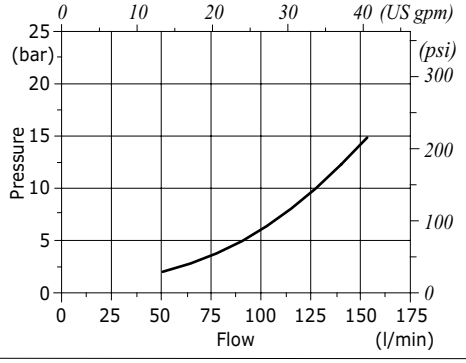
VDFR 34-65
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



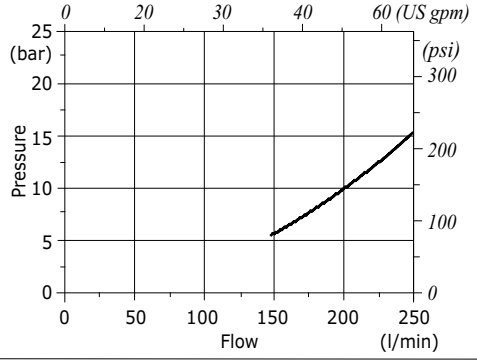
VDFR 34-90
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



VDFR 100-150
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)



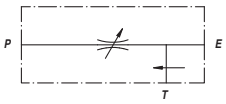
VDFR 114-250
pressure drop vs. flow
(E→U1-U2) and (U1-U2→E)

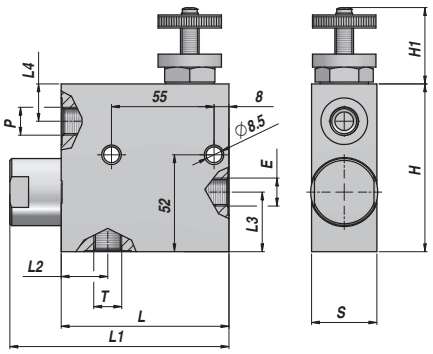


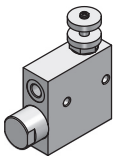
REGULATEUR DE DEBIT PRIORITAIRE
PRIORITY FLOW CONTROL

RFP 3

COMPENSE EN PRESSION
PRESSURE COMPENSATED







REGLABLE - *ADJUSTABLE*
EXCEDENT AU RESERVOIR - *EXCEEDING FLOW TO TANK*

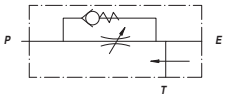
Code *Code*	E - P - T BSP	Q MAX l/min In (E)/Reg (P)	P MAX bar	Type *Type*	L	L1	L2	L3	L4	H1	H	S	kg
V3390.1110	3/8"	60/ 50	350	RFP 3 3/8"	90	118	25	32	20	40	90	35	2,17
V3390.1120	1/2"	80/ 60	350	RFP 3 1/2"	90	118	25	32	20	40	90	35	2,10
V3390.1130	3/4"	120/100	350	RFP 3 3/4"	90	122	27	36	19	40	102	50	3,35

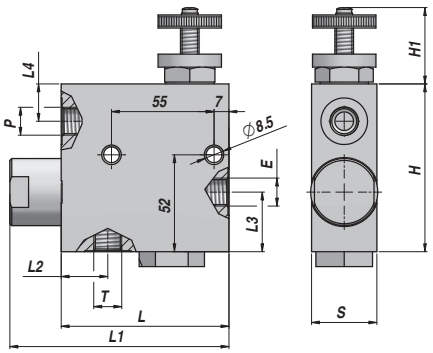
MATERIEL CORPS : ACIER — MONTAGE EN LIGNE
BODY MATERIAL : STEEL — *LINE MOUNTING*

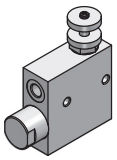
REGULATEUR DE DEBIT PRIORITAIRE AVEC CLAPET ANTI-RETOUR
PRIORITY FLOW CONTROL WITH CHECK VALVE

RFP 3VU

COMPENSE EN PRESSION
PRESSURE COMPENSATED







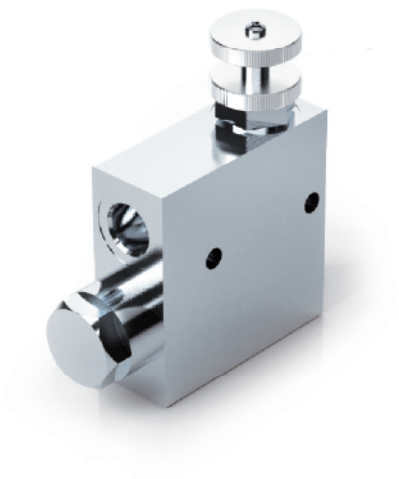
REGLABLE - *ADJUSTABLE*
EXCEDENT AU RESERVOIR - *EXCEEDING FLOW TO TANK*

Code *Code*	E - P - T BSP	Q MAX l/min In (E)/Reg (P)	P MAX bar	Type *Type*	L	L1	L2	L3	L4	H1	H	S	kg
V3390.1110VU	3/8"	60 / 50	350	RFP-VU 3 3/8"	90	118	25	32	20	35	90	40	2,20
V3390.1120VU	1/2"	80 / 60	350	RFP-VU 3 1/2"	90	118	25	32	20	35	90	40	2,10

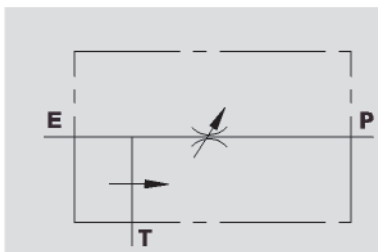
MATERIEL CORPS : ACIER — MONTAGE EN LIGNE
BODY MATERIAL : STEEL — *LINE MOUNTING*

REGOLATORE DI FLUSSO PRIORITARIO A 3 VIE
3 WAY FLOW CONTROL VALVE WITH EXCESS TO TANK

TIPO / TYPE
RFP3



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata in P ad un valore stabilito, indipendentemente dalla pressione richiesta e dalla portata in entrata alla valvola. La portata in eccesso viene mandata direttamente allo scarico T (serbatoio).

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

MONTAGGIO:
Collegare E all'alimentazione e P alla rete in cui si necessita la regolazione della portata. Collegare T al serbatoio. Per regolare la portata in entrata avvitare o svitare il volantino previo allentamento della ghiera di fermo.

A RICHIESTA:
Per versioni 3/8" e 1/2" pomolo a tenuta (CODICE/P).

USE AND OPERATION:
This valve enables to keep the flow to Pconstant to a required setting, independent of pressure or inlet flow. Excess flow is drained to T (tank).

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding: matched diameters, minimal leakage (few drops per minute).

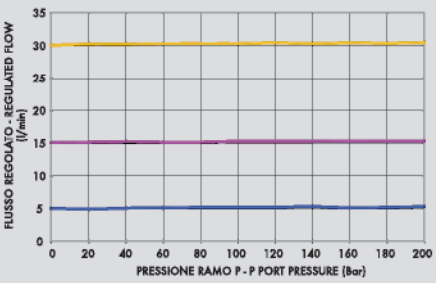
CONNECTIONS:
Connect E to the supply and P to the actuator or to a line of a hydraulic circuit where flow control is needed. Connect T to the tank. To adjust flow setting rotate the hand knob after loosening the locking nut.

ON REQUEST:
For 3/8" e 1/2" versions water proof adjustment knob (CODE/P).

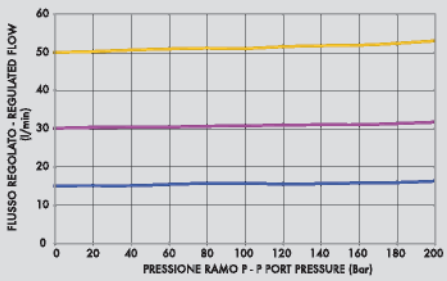
DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

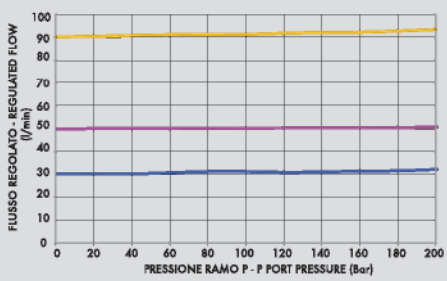
RFP3 3/8"



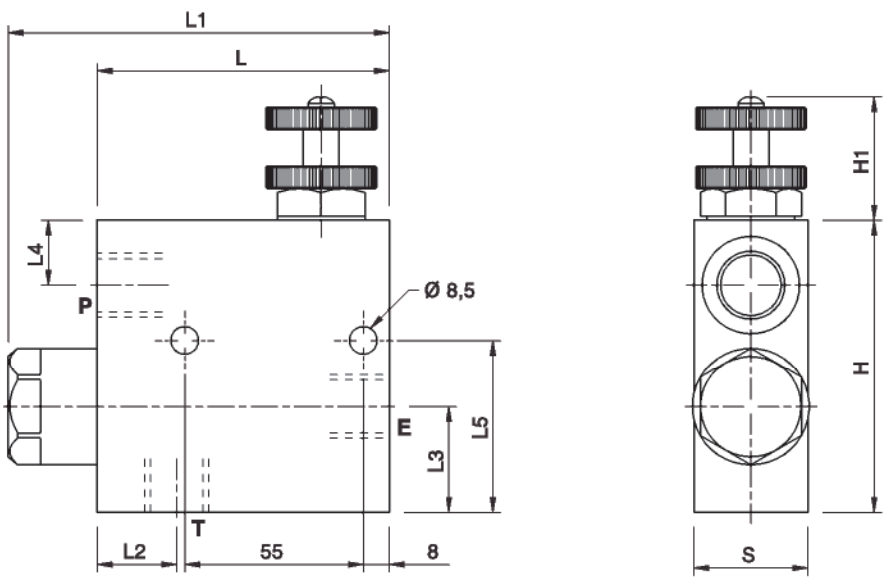
RFP3 1/2"



RFP3 3/4"



CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW Lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1110	RFP3 3/8"	60	50	350
V1120	RFP3 1/2"	80	60	350
V1130	RFP3 3/4"	120	100	350



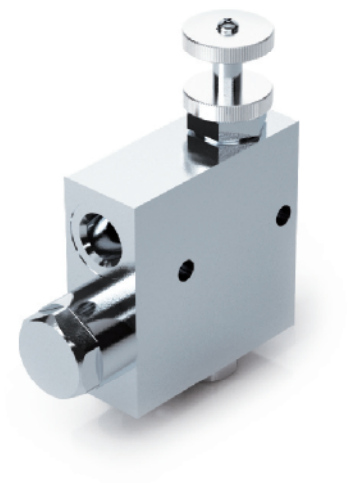
CODICE CODE	SIGLA TYPE	E - P . T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	LS mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1110	RPF3 3/8"	G3/8"	90	118	25	32	20	53	90	40	35	2,170
V1120	RPF3 1/2"	G1/2"	90	118	25	32	20	53	90	40	35	2,096
V1130	RPF3 3/4"	G3/4"	90	122	27	36	19	62	102	40	50	3,344

REGOLATORE DI FLUSSO PRIORITARIO A 3 VIE CON VALVOLA DI NON-RITORNO

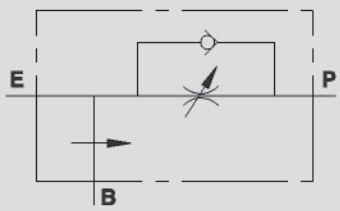
3 WAY FLOW PRIORITY VALVE WITH REVERSE CHECK VALVE

TIPO / TYPE

RFP3 VU



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata in P ad un valore stabilito, indipendentemente dalla pressione richiesta e dalla portata in entrata alla valvola. La portata in eccesso viene mandata direttamente allo scarico T (serbatoio). La valvola unidirezionale incorporata permette il montaggio del regolatore in applicazioni in cui è richiesto il ritorno libero dell'olio.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

MONTAGGIO:
Collegare E all'alimentazione e P alla rete in cui si necessita la regolazione della portata. Collegare T al serbatoio. Per regolare la portata in entrata avvitare o svitare il volantino previo allentamento della ghiera di fermo.

A RICHIESTA:
Pomolo a tenuta (CODICE/P).

USE AND OPERATION:
This valve enables to keep the flow to P constant to a required setting, independent of pressure or inlet flow. Excess flow is drained to T (tank).
The integrated check valve allows the return flow to be free.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding : matched diameters, minimal leakage (few drops per minute)

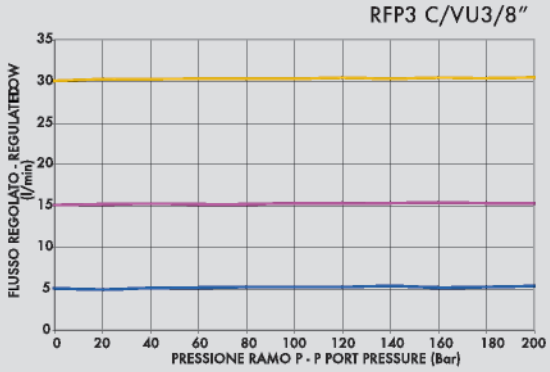
CONNECTIONS:
Connect E to the supply and P to the actuator or to a line of a hydraulic circuit where flow control is needed. Connect T to the tank.
To adjust flow setting rotate the hand knob after loosening the locking nut.

ON REQUEST:
Water proof adjustment knob (CODE/P).

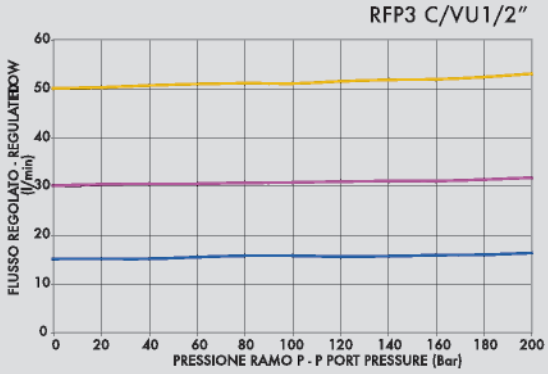
DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

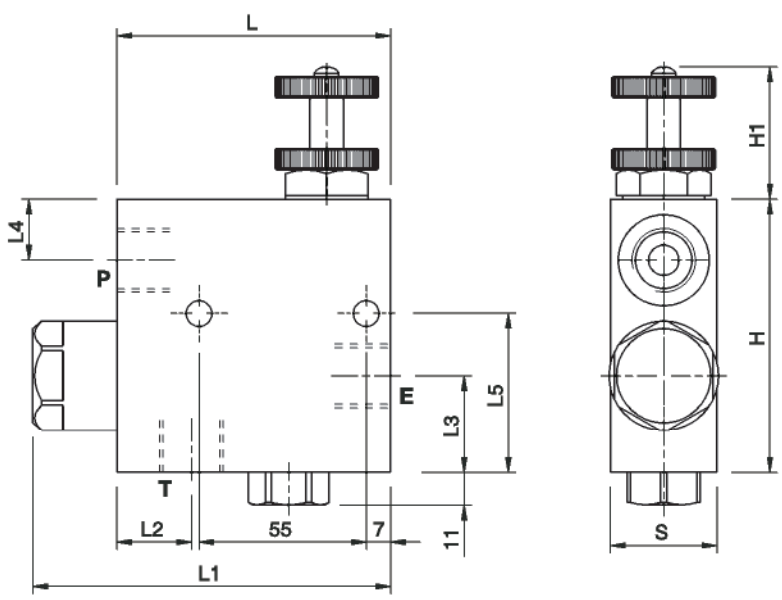
RFP3 C/VU3/8"



RFP3 C/VU1/2"



CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW Lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1110/VU	RFP3 3/8" c/VU	60	50	350
V1120/VU	RFP3 1/2" c/VU	80	60	350



CODICE CODE	SIGLA TYPE	E-P.T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1110/VU	RPF3 3/8" c/VU	G3/8"	90	118	25	32	20	53	90	40	35	2,200
V1120/VU	RPF3 1/2" c/VU	G1/2"	90	118	25	32	20	53	90	40	35	2,100

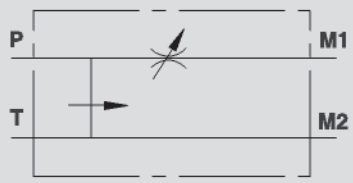
REGOLATORE DI FLUSSO PRIORITARIO FLANGIABILE PER MOTORI DANFOSS OMP/OMR

FLOW CONTROL VALVE WITH EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMP/OMR

TIPO / TYPE

RFP3 OMP/OMR

SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata in P ad un valore stabilito, indipendentemente dalla pressione richiesta e dalla portata in entrata alla valvola. La portata in eccesso viene mandata direttamente sulla linea di ritorno (T).
La flangiatura diretta, adatta per motori Danfoss della serie OMP/OMR, garantisce la massima sicurezza, minime perdite di carico e compattezza d'installazione.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

MONTAGGIO:
Flangiare M1 e M2 al motore, collegare le bocche P e T all'alimentazione.

A RICHIESTA:
Pomolo a tenuta (CODICE/P).

USE AND OPERATION:
This valve enables to keep "P" flow constant to a certain setting, independently of the required pressure or the inlet flow of the valve. Exceeded flow is drained directly in T (tank). Direct flange mounting for Danfoss motors type OMP-OMR and provides maximum safety, very low pressure drop and a robust installation.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding : matched diameters, minimal leakage (few drops per minute)

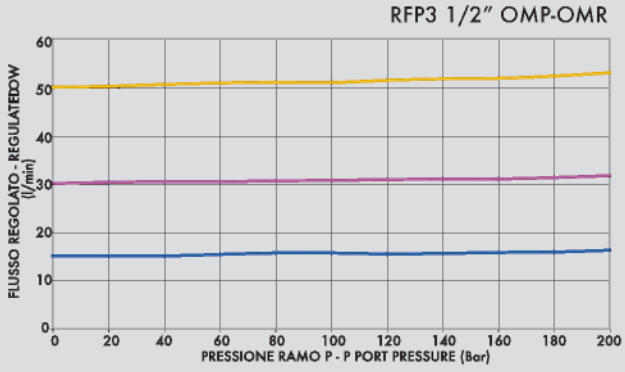
CONNECTIONS:
Connect M1 and M2 to the motor and P and T to the supply.

ON REQUEST:
Water proof adjustment knob (CODE/P).

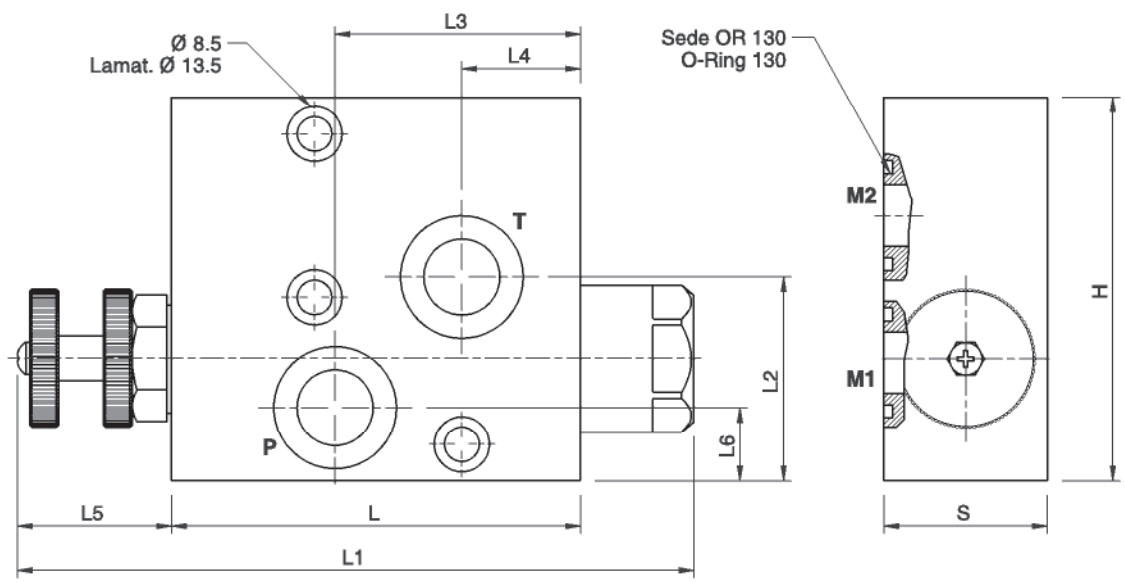
DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt

RFP3 1/2" OMP-OMR



CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW Lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1121	RFP3 1/2" OMP/OMR	60	50	350



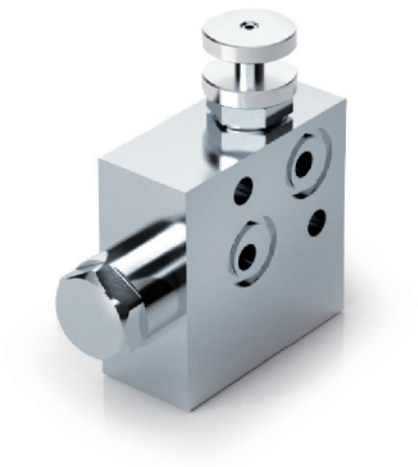
CODICE CODE	SIGLA TYPE	P.T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	S mm	PESO WEIGHT kg
V1121	RFP3 1/2" OMP/OMR	G1/2"	100	168	50	60	29	40	18	94	40	2,746

REGOLATORE DI FLUSSO PRIORITARIO FLANGIABILE PER MOTORI DANFOSS OMS

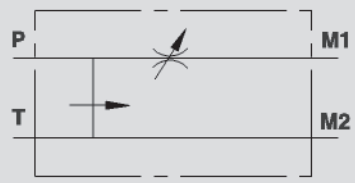
FLOW CONTROL VALVE EXCESS TO TANK FLANGEABLE ON DANFOSS MOTORS OMS

TIPO / TYPE

RFP3 OMS



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata in P ad un valore stabilito, indipendentemente dalla pressione richiesta e dalla portata in entrata alla valvola. La portata in eccesso viene mandata direttamente sulla linea di ritorno (T).
La flangiatura diretta, adatta per motori Danfoss della serie OMS, garantisce la massima sicurezza, minime perdite di carico e compattezza d'installazione.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

MONTAGGIO:
Flangiare M1 e M2 al motore, collegare le bocche P e T all'alimentazione.

A RICHIESTA:
Pomolo a tenuta (CODICE/P).

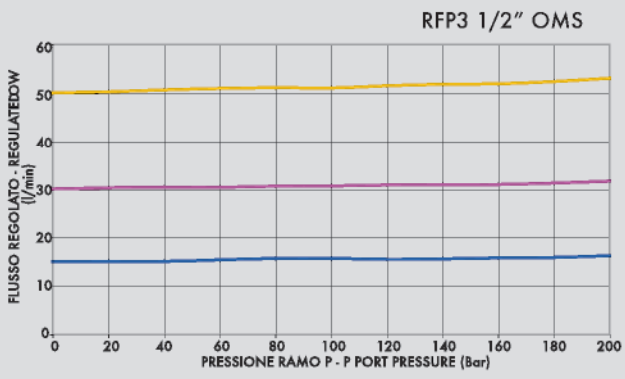
USE AND OPERATION:
This valve enables to keep the flow to P constant to a required setting, independent of pressure or inlet flow. Excess flow is drained to T (tank).
Direct flange mounting for Danfoss motors type OMS provides maximum safety, very low pressure drop and a robust installation.

MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding : matched diameters, minimal leakage (few drops per minute).

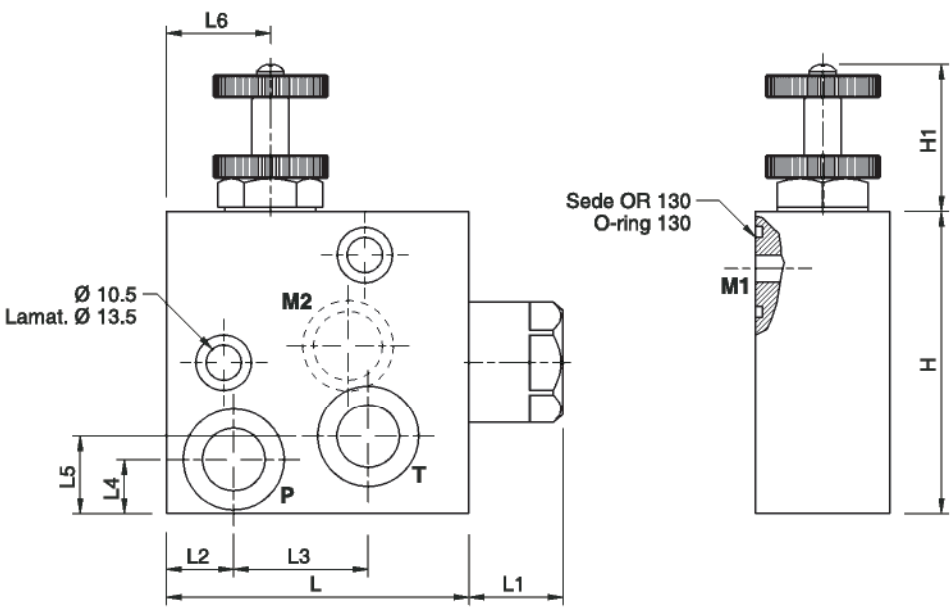
CONNECTIONS:
Connect M1 and M2 to the motor and P and T to the supply.

ON REQUEST:
Water proof adjustment knob (CODICE/P).

DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE



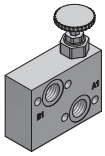
CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW Lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1122	RFP3 1/2" OMS	60	50	350

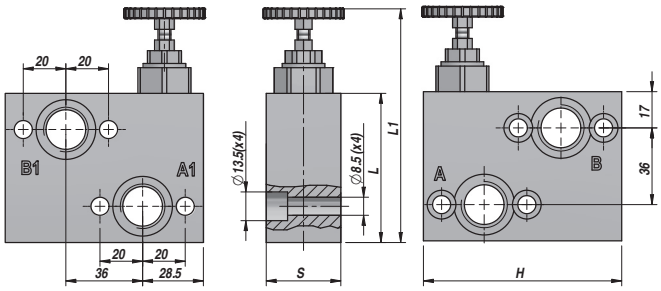


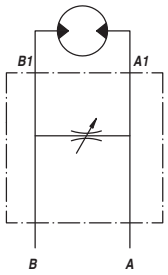
CODICE CODE	SIGLA TYPE	P . T GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1122	RFP3 1/2" OMS	G1/2"	90	26	20	40	16	23	31	90	35	40	2,410

BVR01

ETRANGLEUR REGLABLE POUR MOTEURS "MPP-MPR-MCP-MCR"
FLOW CONTROL FOR "MPP-MPR-MCP-MCR" MOTORS







REGLABLE - *ADJUSTABLE*
BIDIRECTIONEL - *BIDIRECTIONAL*

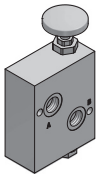
Code *Code*	A - B BSP	Q MAX l/min	P MAX bar	Type *Type*	L	L1 max	H	S	kg
VBVR012010	1/2"	50	210	BVR 12.01	70	117	93	35	0,63

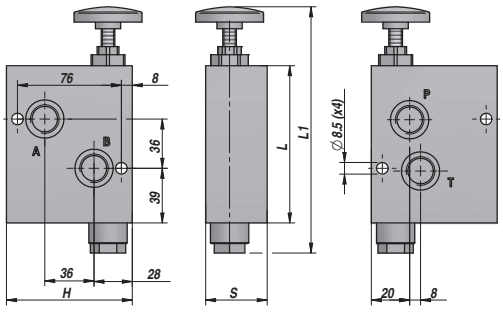
MATERIEL CORPS : ALUMINIUM
BODY MATERIAL : ALUMINIUM

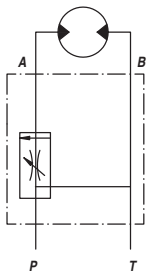
FLASQUABLE
FACE MOUNTING

BVR05

ETRANGLEUR REGLABLE POUR MOTEURS "MPP-MPR-MCP-MCR"
PRIORITY FLOW CONTROL FOR "MPP-MPR-MCP-MCR" MOTORS







REGLABLE - *ADJUSTABLE*
EXCEDENT AU RESERVOIR - *EXCEEDING FLOW TO TANK*

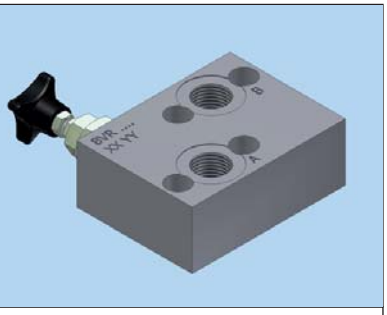
Code *Code*	A - B BSP	Q MAX l/min	P MAX bar	Type *Type*	L	L1 max	H	S	kg
VBVR012050	1/2"	60	250	BVR 12.05	115	185	92	45	3,25

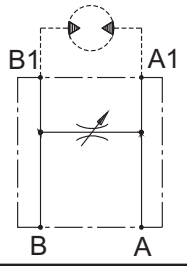
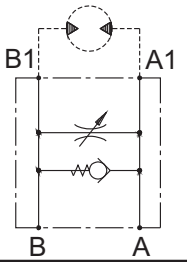
MATERIEL CORPS : ACIER
BODY MATERIAL : STEEL

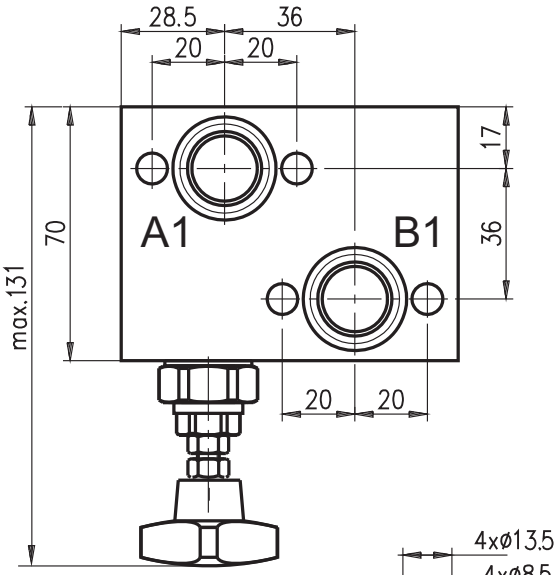
FLASQUABLE
FACE MOUNTING

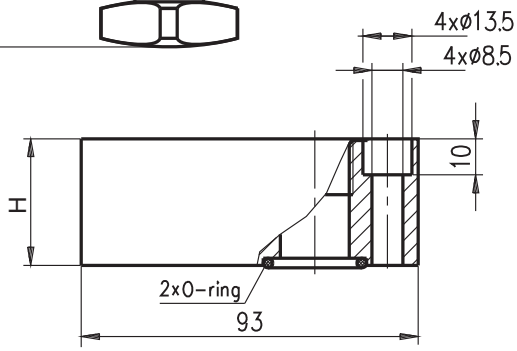
HYDRAULIC MOTOR BLOCKS
TYPE BV

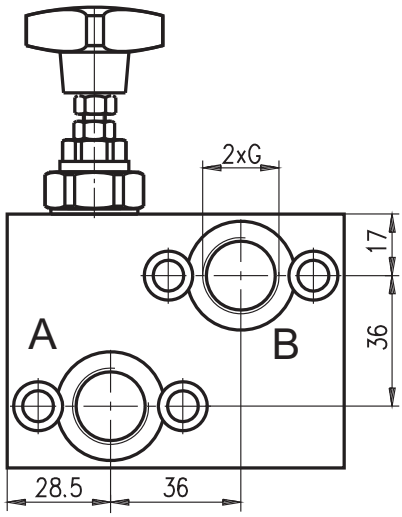
BVR .. ..



Code	Hydraulic scheme
01	
02	







Type	Nom. flow rate	$P_{nom.}$	Port threads **G**	O-ring	H
	L/min	*bar*	-	-	*mm*
BVR 12..	60	210	G1/2 - DIN 3852	23,6x2,65	35
BVR 78..	60	210	7/8-14UNF - ISO 11926	26x2	38

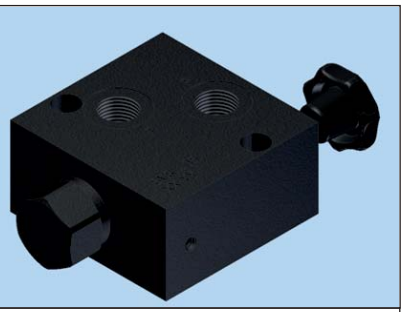
ORDERING CODE

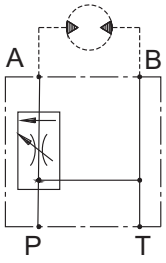
BV R 12 01

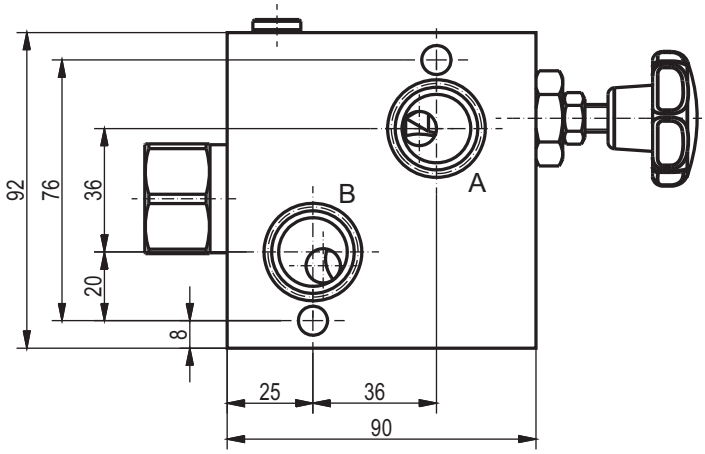
Type	Hydraulic motor type - code MP or MR - **R**	Port threads G - code: G1/2 - **12** 7/8-14 UNF- **78**	Scheme code: **01; 02**

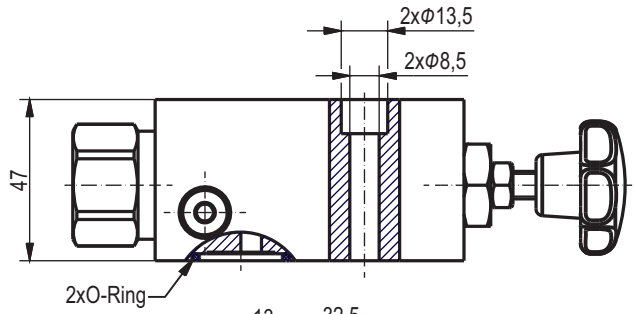
HYDRAULIC MOTOR BLOCKS
TYPE BV

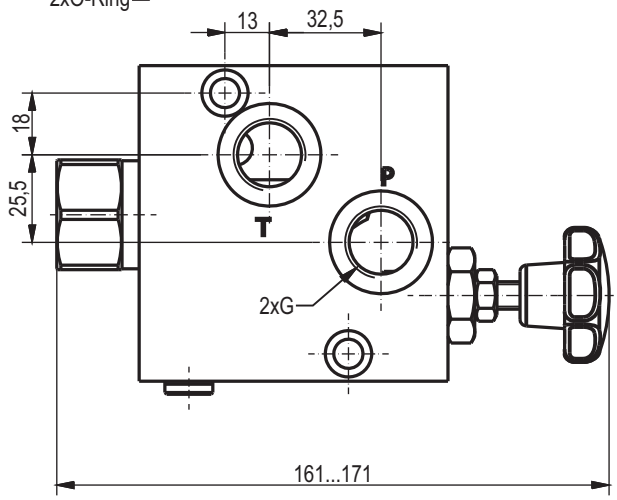
BVR .. 05 ..



Code	Hydraulic scheme
05	







Type	Flow rate max. "P"	Max. flow at "A"	Pmax.	Port threads **G**	O-Ring
	L/min	*L/min*	*bar*	-	-
BVR 1205 ..	90	70	250	G1/2 - DIN 3852	23,6x2,65
BVR 7805 ..	90	70	250	7/8-14UNF - ISO 11926	26x2

ORDERING CODE

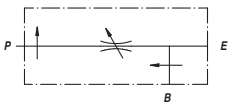
BV R 12 05 AL

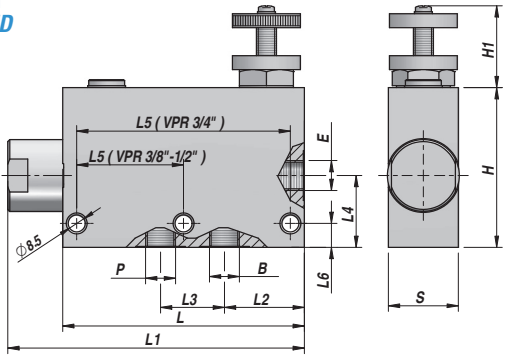
Type	Hydraulic motor type - code	Port threads - code:	Scheme code:	Body material - code:
	MP or MR - **R**	G1/2 - **12** 7/8-14 UNF - **78**	**05**	Cast iron - **Omit** Aluminium - **AL**

REGULATEUR DE DEBIT PRIORITAIRE
PRIORITY FLOW CONTROL

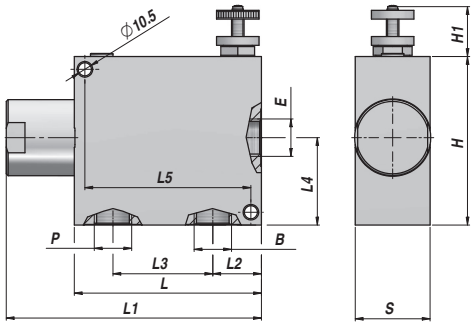
VPR 3

COMPENSE EN PRESSION
PRESSURE COMPENSATED

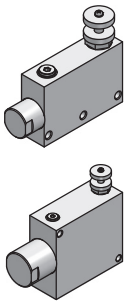




VPR3 3/8" - 1/2" - 3/4"



VPR3 1"



REGLABLE - *ADJUSTABLE*
EXCEDENT EN PRESSION - *EXCEEDING FLOW TO PRESSURE*

Code *Code*	E - P - B BSP	Q MAX l/min In (E)/Reg (P)	P MAX bar	Type *Type*	L	L1	L2	L3	L4	L5	L6	H1	H	S	kg
V3490.1060	3/8"	60/ 50	350	VPR 3 3/8"	121	147	40	32	36	55	12	35	80	35	2,53
V3490.1070	1/2"	80/ 60	350	VPR 3 1/2"	121	147	37	36	36	55	12	35	80	35	2,47
V3490.1080	3/4"	120/100	350	VPR 3 3/4"	155	187	50	44	37	115	10	35	90	50	4,95
V3490.1090	1"	200/170	350	VPR 3 1"	155	187	46	58	47	115	12	35	100	50	5,27

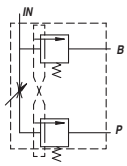
MATERIEL CORPS : ACIER
BODY MATERIAL : STEEL

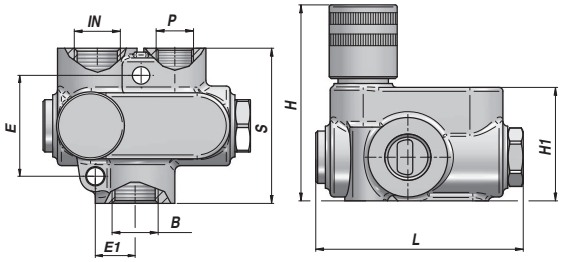
MONTAGE EN LIGNE
LINE MOUNTING

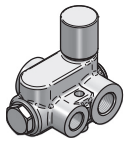
REGULATEUR DE DEBIT PRIORITAIRE
PRIORITY FLOW CONTROL

RFP .. G

COMPENSE EN PRESSION
PRESSURE COMPENSATED







REGLABLE - *ADJUSTABLE*
EXCEDENT EN PRESSION - *EXCEEDING FLOW TO PRESSURE*

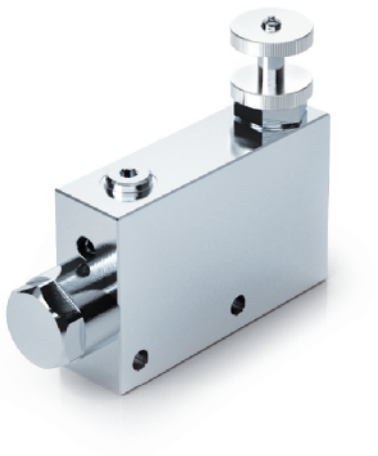
Code *Code*	IN - B BSP	P BSP	Q MAX l/min IN	Q MAX l/min P	P MAX bar	Type *Type*	L	E	E1	H1	H	S	kg
V6215.0320	1/2"	3/8"	40	40	250	RFP 40 G	92	46	22.5	54	98	65	1,27
V6215.0322	3/4"	1/2"	80	80	250	RFP 70 G	110	52	24.5	59	103	80	1,77

MATERIEL CORPS : FONTE
BODY MATERIAL : CAST IRON

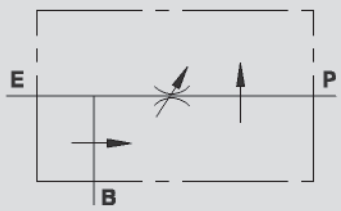
MONTAGE EN LIGNE
LINE MOUNTING

VALVOLA PRIORITARIA A 3 VIE
3 WAY FLOW CONTROL VALVE

TIPO / TYPE
VPR3



SCHEMA IDRAULICO
HYDRAULIC DIAGRAM



IMPIEGO:
Valvola che consente di mantenere costante la portata in P ad un valore stabilito, indipendentemente dalla pressione richiesta e dalla portata in entrata alla valvola. La portata in eccesso viene scaricata in B ed è disponibile per un secondo utilizzo. Anche la bocca B è insensibile alle variazioni di pressione ma non alle variazioni di portata.

MATERIALI E CARATTERISTICHE:
Corpo: acciaio zincato.
Componenti interni: acciaio temprato termicamente e rettificato.
Guarnizioni: BUNA N standard.
Tenuta: per accoppiamento. Trafilamento minimo (poche gocce al minuto).

MONTAGGIO:
Collegare E all'alimentazione e P all'attuatore o alla linea di un impianto idraulico in cui si necessita la regolazione della portata. Collegare B al serbatoio o ad un secondo attuatore. Per regolare la portata in entrata al ramo P avvitare o svitare il volantino previo allentamento della ghiera di fermo.

A RICHIESTA:
Per versioni 3/8" e 1/2" pomolo a tenuta (CODICE/P).

USE AND OPERATION:
This valve enables to keep the flow to P constant to a required setting, independent of pressure or inlet flow. Excess flow is drained in B and it is available for a second function. Port B is insensitive to pressure changes but not to flow changes.

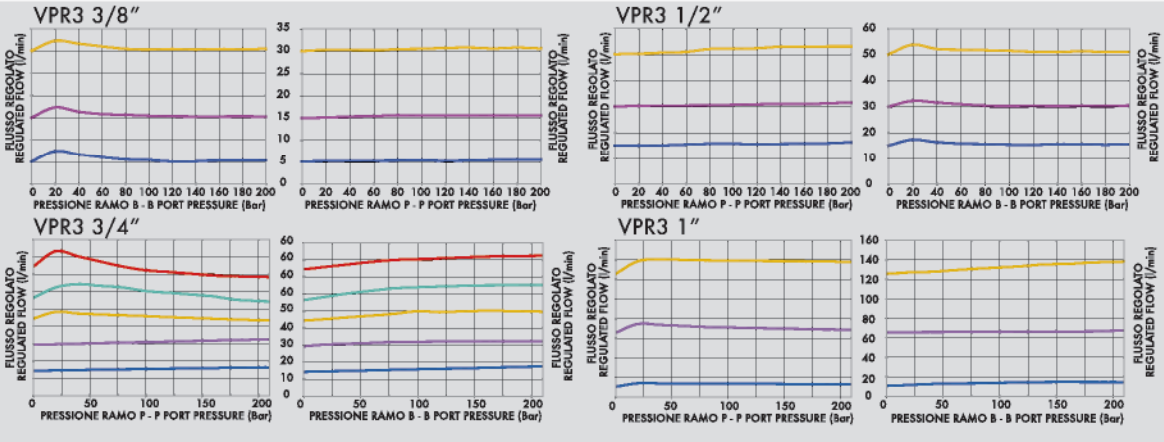
MATERIALS AND FEATURES:
Body: zinc-plated steel.
Internal parts: hardened and ground steel.
Seal: BUNA N standard.
Load holding: matched diameters, minimal leakage (few drops per minute).

CONNECTIONS:
Connect E to the supply and P to the actuator or to a line of a hydraulic circuit where flow control is needed. Connect B to the tank or to a second actuator. To adjust flow setting rotate the hand knob after loosening the locking nut.

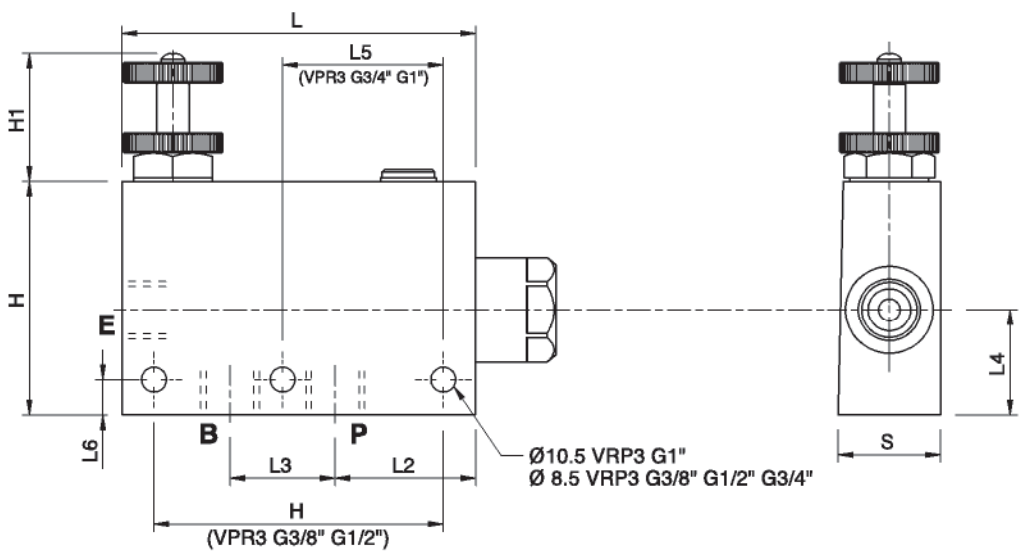
ON REQUEST:
For 3/8" e 1/2" versions water proof adjustment knob (CODE/P).

DIAGRAMMA COMPENSAZIONE
COMPENSATION CURVE

Temperatura olio: 50°C - Viscosità olio: 30 cSt
Oil temperature: 50° C - Oil viscosity: 30 cSt



CODICE CODE	SIGLA TYPE	PORTATA MAX ENTRANTE MAX INLET FLOW Lt. / min	PORTATA MAX REGOLATA MAX ADJUSTED FLOW Lt. / min	PRESSIONE MAX MAX PRESSURE Bar
V1060	VPR3 3/8"	60	50	350
V1070	VPR3 1/2"	80	60	350
V1080	VPR3 3/4"	120	100	350
V1090	VPR3 1"	200	170	350



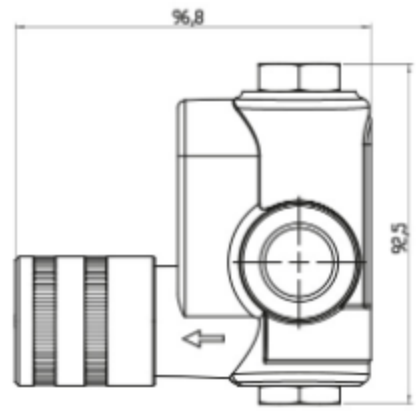
CODICE CODE	SIGLA TYPE	E - P . B GAS	L mm	L1 mm	L2 mm	L3 mm	L4 mm	L5 mm	L6 mm	H mm	H1 mm	S mm	PESO WEIGHT kg
V1060	VPR3 3/8"	G3/8"	121	147	40	32	36	55	12	80	35	35	2,530
V1070	VPR3 1/2"	G1/2"	121	147	37	36	36	55	12	80	35	35	2,470
V1080	VPR3 3/4"	G3/4"	155	187	50	44	37	115	10	90	35	50	4,958
V1090	VPR3 1"	G1"	155	187	46	58	47	115	12	100	35	50	5,268

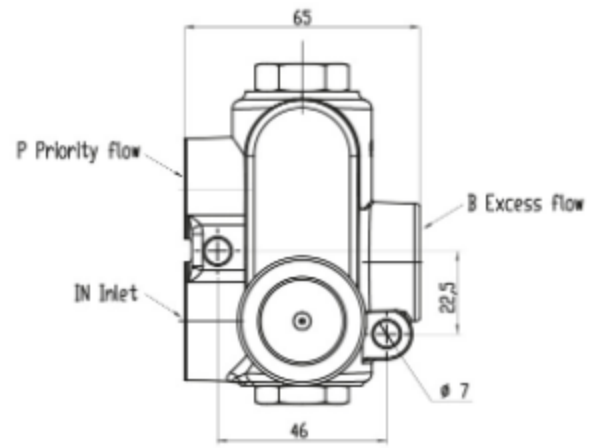
RF40P

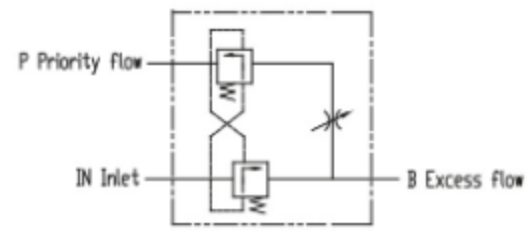
Flow 0 to 40 l/min

Inlet ed Outlet threads (Tank or Exceeding) 1/2” / SAE 10

Priority Outlet 3/8” BSP / SAE 8





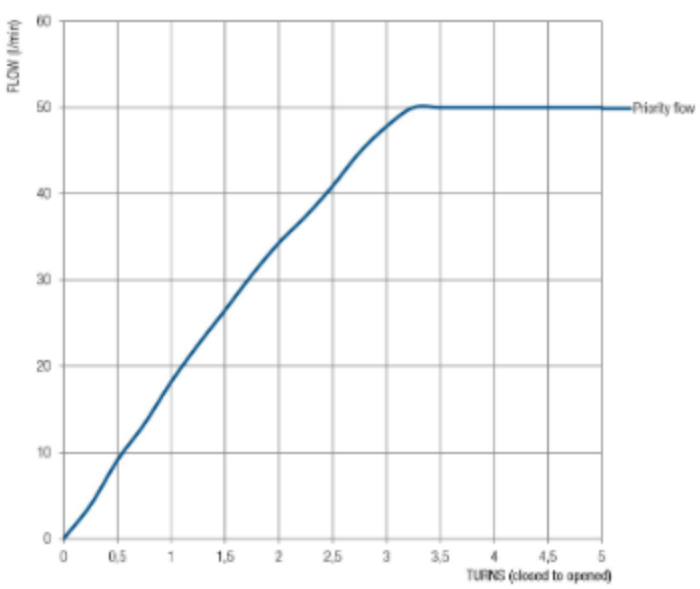


SPECIFICHE TECNICHE / *TECHNICAL SPECIFICATIONS*		
PORTATA MAX / *MAX FLOW*	50 L/min	13,21 GPM
PRESSIONE MAX SUGLI UTILIZZI / *MAX PRESSURE ON PORTS*	250 bar	3600 PSI

FILETTATURE STANDARD / *STANDARD THREADS*			
	IN	P	B
G (BSP)	1/2”	3/8”	1/2”
F (UNF)	7/8”-14	3/4”-16	7/8”-14

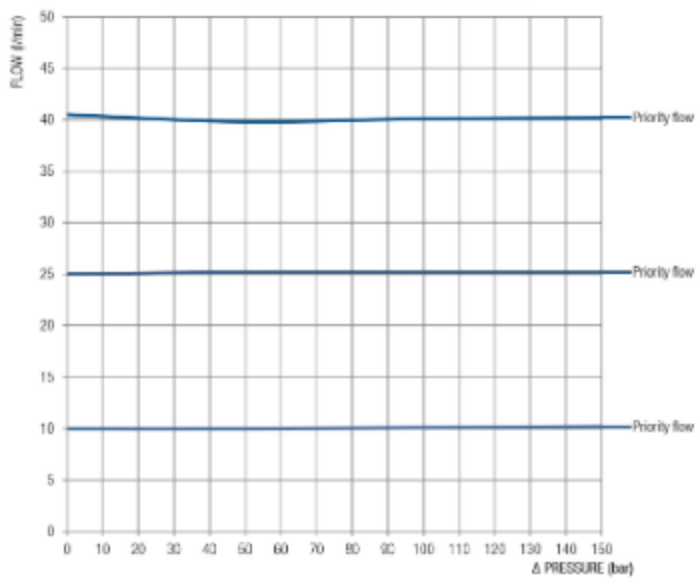
DIMENSIONI / *DIMENSIONS*				
	L		I	
	mm	inch	mm	inch
RF40P	64	2,52	46	1,81

P - PRIORITY FLOW REGULATION



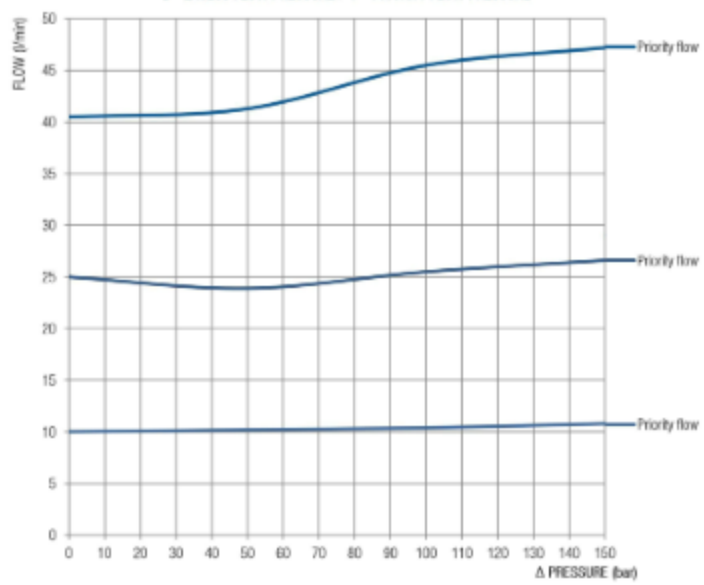
PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

P - PRIORITY FLOW PRESSURE > B - EXCESS FLOW PRESSURE



PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

B - EXCESS FLOW PRESSURE > P - PRIORITY FLOW PRESSURE

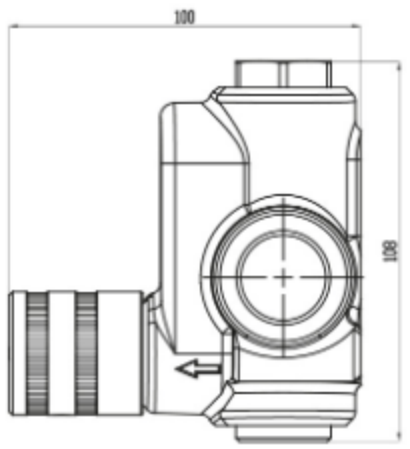


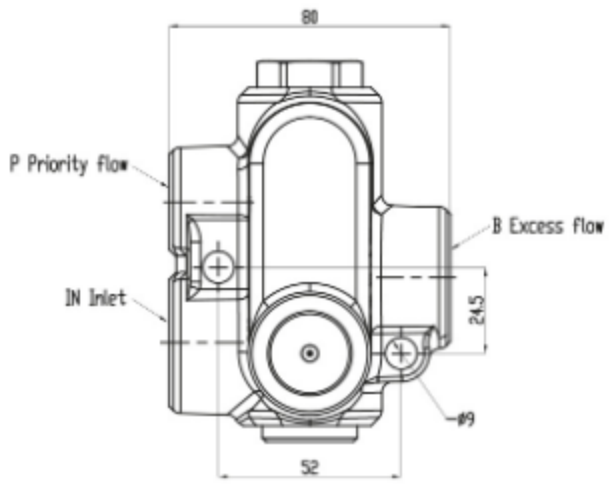
RF70P

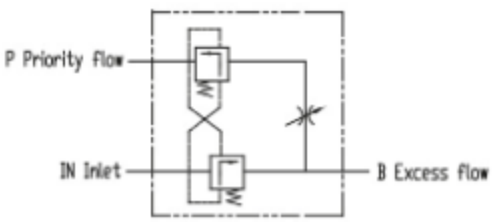
Flow 0 to 70 l/min

Inlet ed Outlet threads (Tank or Exceeding) 3/4" / SAE 12

Priority Outlet 1/2" BSP / SAE 10





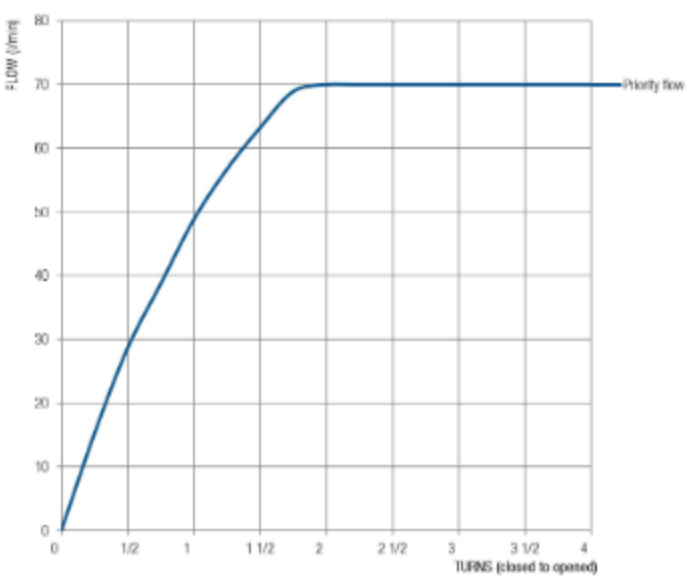


SPECIFICHE TECNICHE / *TECHNICAL SPECIFICATIONS*		
PORTATA MAX / *MAX FLOW*	80 L/min	21,13 GPM
PRESSIONE MAX SUGLI UTILIZZI / *MAX PRESSURE ON PORTS*	250 bar	3600 PSI

FILETTATURE STANDARD / *STANDARD THREADS*			
	IN	P	B
G (BSP)	3/4"	1/2"	3/4"
F (UNF)	1,1/16"-12"	7/8"-14	1,1/16"-12"

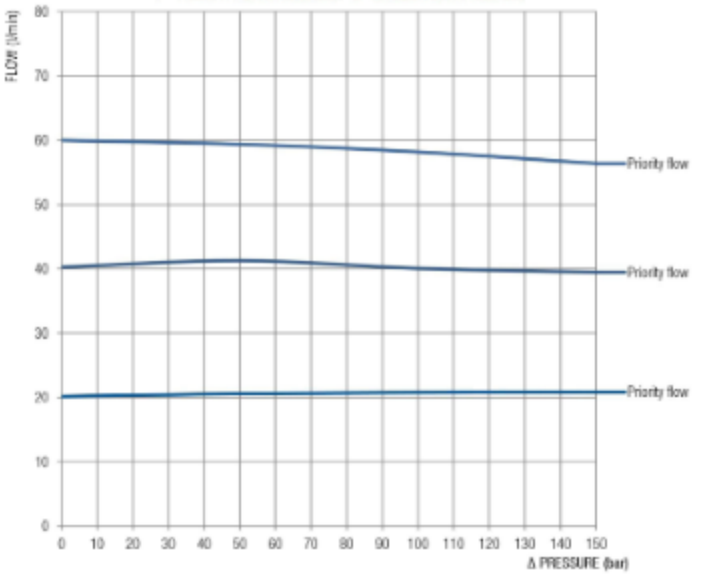
DIMENSIONI / *DIMENSIONS*				
	L		I	
	mm	inch	mm	inch
RF70P	80	3,15	52	2,05

P - PRIORITY FLOW REGULATION



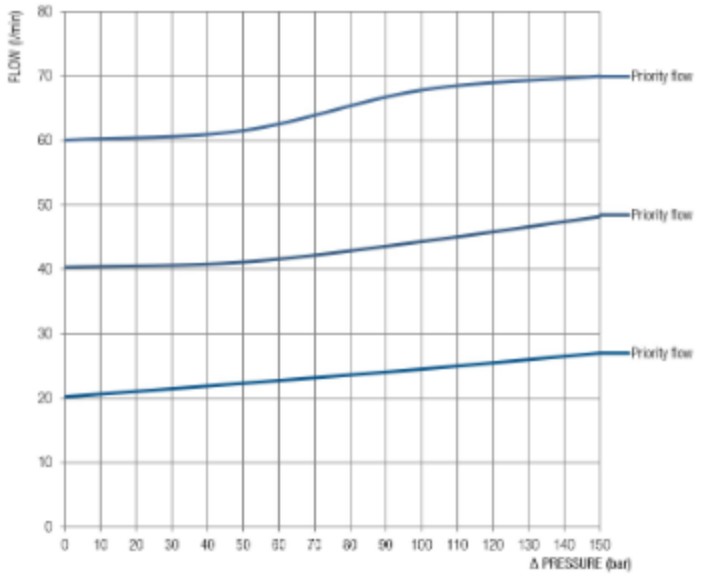
PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

P - PRIORITY FLOW PRESSURE > B - EXCESS FLOW PRESSURE



PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

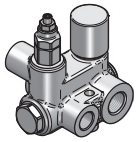
B - EXCESS FLOW PRESSURE > P - PRIORITY FLOW PRESSURE

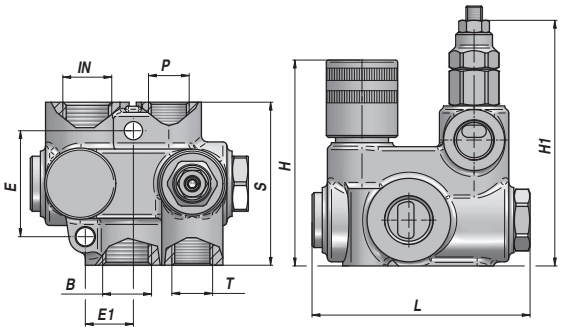


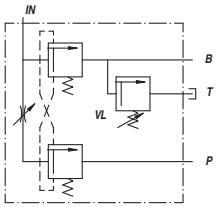
RFPV .. G

REGULATEUR DE DEBIT PRIORITAIRE
PRIORITY FLOW CONTROL

COMPENSE EN PRESSION
PRESSURE COMPENSATED







REGLABLE - *ADJUSTABLE*
EXCEDENT EN PRESSION - *EXCEEDING FLOW TO PRESSURE*

Code *Code*	IN - B BSP	P - T BSP	Q MAX l/min IN	Q MAX l/min P	P MAX bar	Type *Type*	L	E	E1	H1	H	S	kg
V6215.0321 **	1/2"	3/8"	40	40	250	RFPV 40 GU	92	46	22.5	105	98	65	1,54
V6215.0323	3/4"	1/2"	80	80	250	RFPV 70 GU	110	52	24.5	125	103	80	2,04

RESSORT - *SPRING* : X= 10:100 bar - **U= 50:230 bar (Standard)** - K= 100:250 bar
** = SUR DEMANDE - *ON REQUEST*

MATERIEL CORPS : FONTE
BODY MATERIAL : CAST IRON

MONTAGE EN LIGNE
LINE MOUNTING

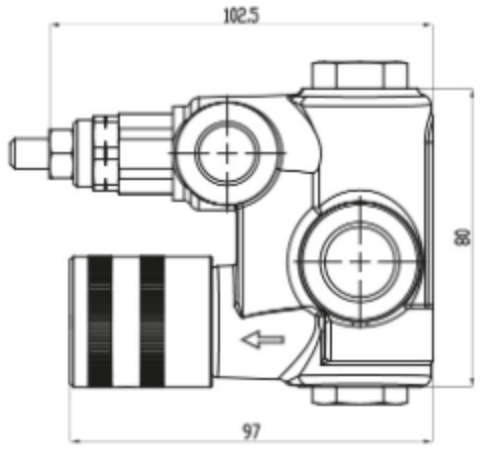
RF40PV

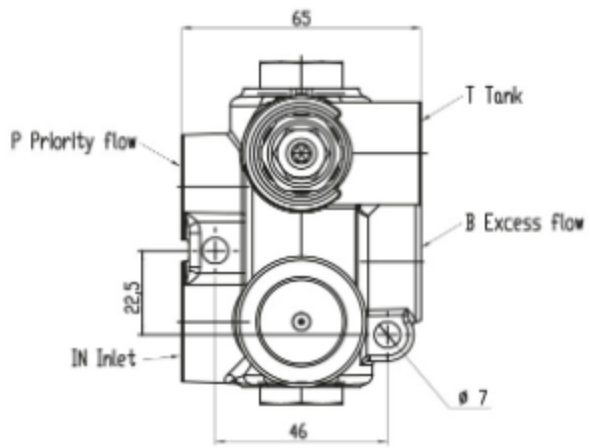
Flow 0 to 40 l/min

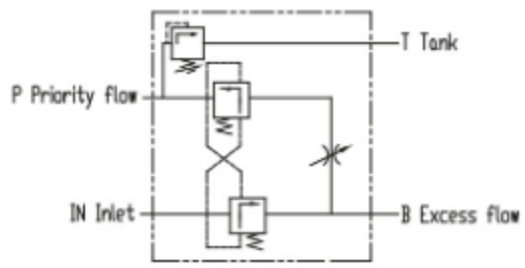
Inlet ed Outlet threads (Tank or Exceeding) 1/2" / SAE 10

Priority Outlet 3/8" BSP / SAE 8

Max pressure relief valve on Priority circuit





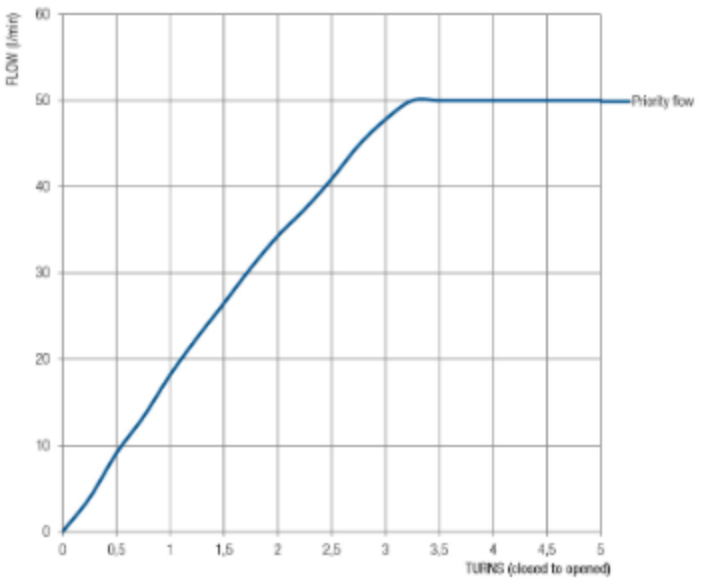


SPECIFICHE TECNICHE / *TECHNICAL SPECIFICATIONS*		
PORTATA MAX / *MAX FLOW*	50 L/min	13,21 GPM
PRESSIONE MAX SUGLI UTILIZZI / *MAX PRESSURE ON PORTS*	250 bar	3600 PSI
TARATURA STANDARD VL(X) / STANDARD SETTING VL(X)	70 bar	1015 PSI
TARATURA STANDARD VL(U) / STANDARD SETTING VL(U)	140 bar	2030 PSI
TARATURA STANDARD VL(K) / STANDARD SETTING VL(K)	200 bar	2900 PSI
CAMPO DI TARATURA VL(X) / PRESSURE SETTING RANGE VL(X)	10÷100 bar	145÷1450 PSI
CAMPO DI TARATURA VL(U) / PRESSURE SETTING RANGE VL(U)	50÷230 bar	35÷3335 PSI
CAMPO DI TARATURA VL(K) / PRESSURE SETTING RANGE VL(K)	100÷250 bar	1450÷3625 PSI

FILETTATURE STANDARD / *STANDARD THREADS*				
	IN	P	B	T
G (BSP)	1/2"	3/8"	1/2"	3/8"
F (UNF)	7/8"-14	3/4"-16	7/8"-14	3/4"-16

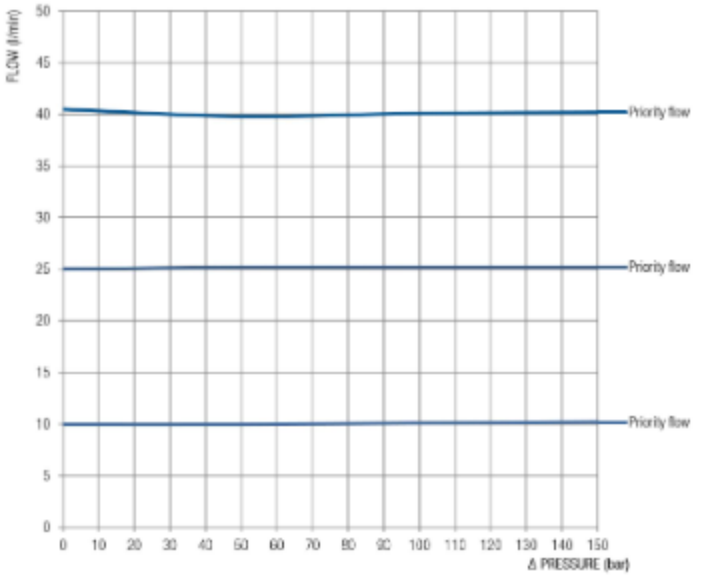
DIMENSIONI / *DIMENSIONS*				
	L		I	
	mm	inch	mm	inch
RF40PV	64	2,52	46	1,81

P - PRIORITY FLOW REGULATION



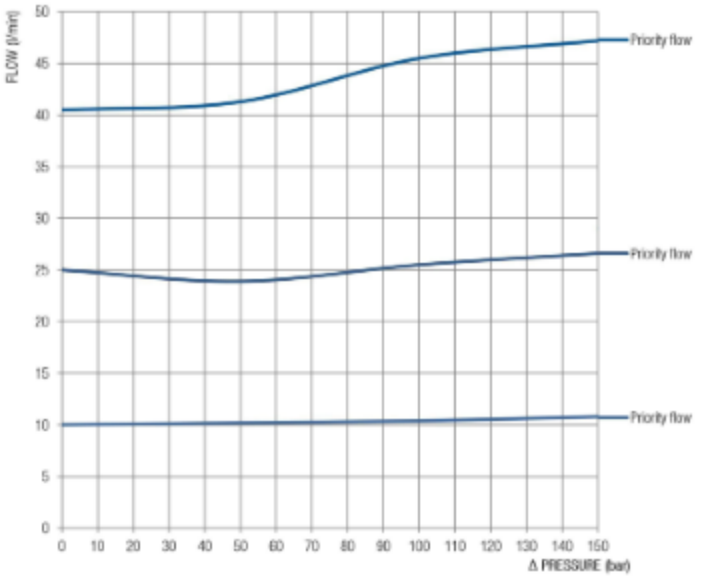
PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

P - PRIORITY FLOW PRESSURE > B - EXCESS FLOW PRESSURE



PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

B - EXCESS FLOW PRESSURE > P - PRIORITY FLOW PRESSURE

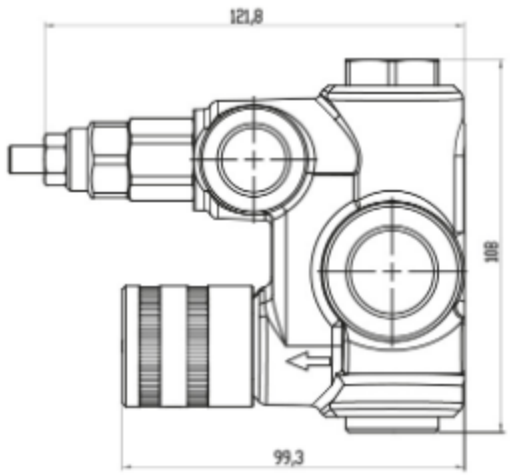


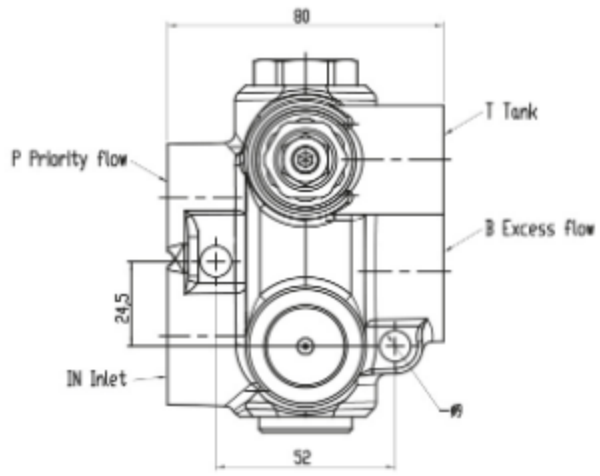
RF70PV

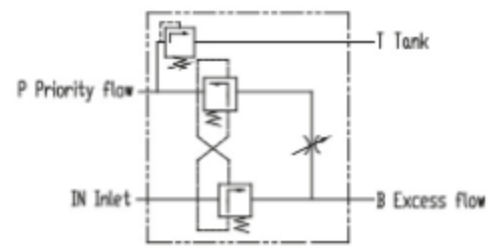
Flow 0 to 70 l/min

Inlet ed Outlet threads
(Tank or Exceeding) 3/4”
/ SAE 12 Priority Outlet
1/2” BSP / SAE 10

Max pressure relief
valve on Priority circuit





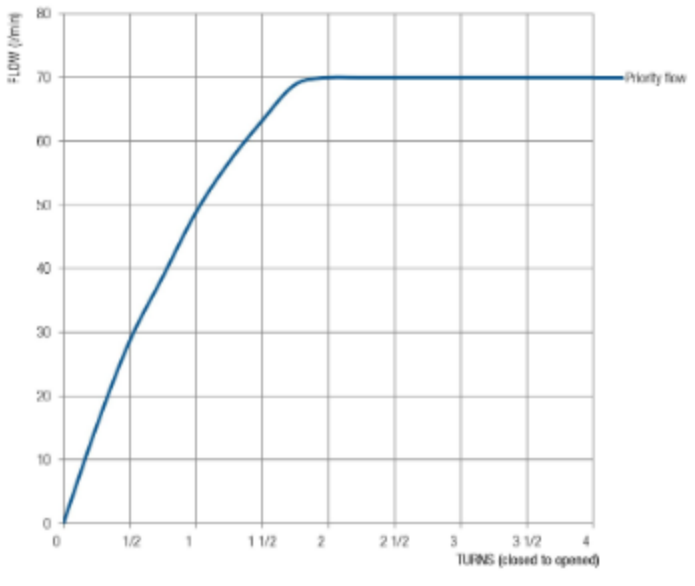


SPECIFICHE TECNICHE / *TECHNICAL SPECIFICATIONS*		
PORTATA MAX / *MAX FLOW*	80 L/min	21,13 GPM
PRESSIONE MAX SUGLI UTILIZZI / *MAX PRESSURE ON PORTS*	250 bar	3600 PSI
TARATURA STANDARD VL(X) / STANDARD SETTING VL(X)	70 bar	1015 PSI
TARATURA STANDARD VL(U) / STANDARD SETTING VL(U)	140 bar	2030 PSI
TARATURA STANDARD VL(K) / STANDARD SETTING VL(K)	200 bar	2900 PSI
CAMPO DI TARATURA VL(X) / PRESSURE SETTING RANGE VL(X)	10÷100 bar	145÷1450 PSI
CAMPO DI TARATURA VL(U) / PRESSURE SETTING RANGE VL(U)	50÷230 bar	35÷3335 PSI
CAMPO DI TARATURA VL(K) / PRESSURE SETTING RANGE VL(K)	100÷250 bar	1450÷3625 PSI

FILETTATURE STANDARD / *STANDARD THREADS*				
	IN	P	B	T
G (BSP)	3/4″	1/2″	3/4″	1/2″
F (UNF)	1,1/16″-12″	7/8″-14	1,1/16″-12″	7/8″-14

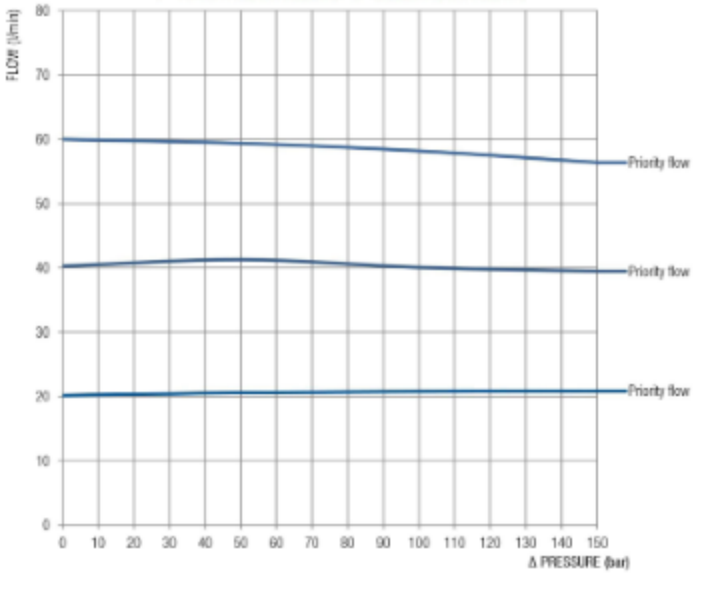
DIMENSIONI / *DIMENSIONS*				
	L		I	
	mm	inch	mm	inch
RF70PV	80	3,15	52	2,05

P - PRIORITY FLOW REGULATION



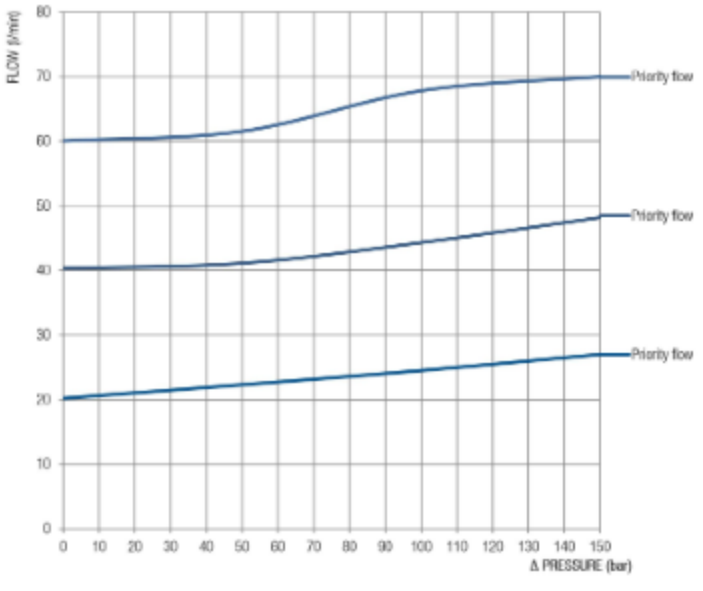
PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

P - PRIORITY FLOW PRESSURE > B - EXCESS FLOW PRESSURE



PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

B - EXCESS FLOW PRESSURE > P - PRIORITY FLOW PRESSURE

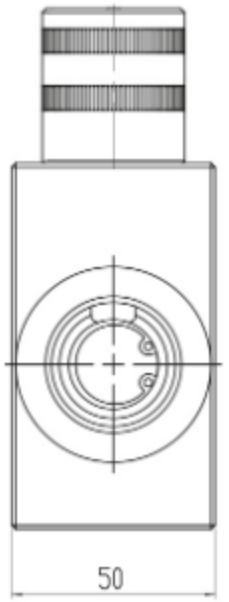


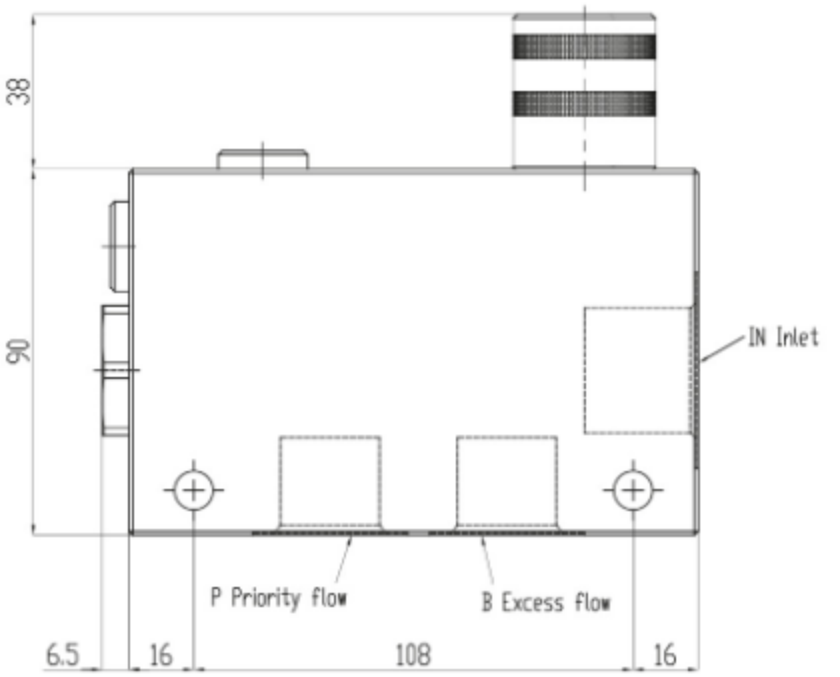
RF150

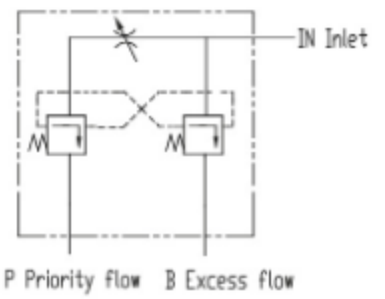
Flow 0 to 150 l/min

Inlet ed Outlet threads (Tank or Exceeding) 1" / SAE 14

Priority Outlet 3/4" BSP / SAE 10





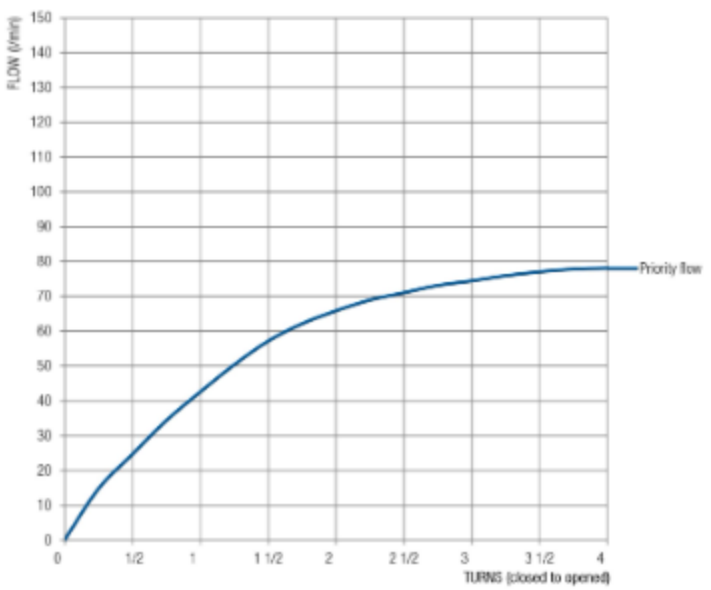


SPECIFICHE TECNICHE / *TECHNICAL SPECIFICATIONS*		
PORTATA MAX / *MAX FLOW*	150 L/min	39,63 GPM
PRESSIONE MAX SUGLI UTILIZZI / *MAX PRESSURE ON PORTS*	250 bar	3600 PSI

FILETTATURE STANDARD / *STANDARD THREADS*			
	IN	P	B
G (BSP)	1"	3/4"	1"
F (UNF)	1,5/16"-12"	1,1/16"-12"	1,5/16"-12"

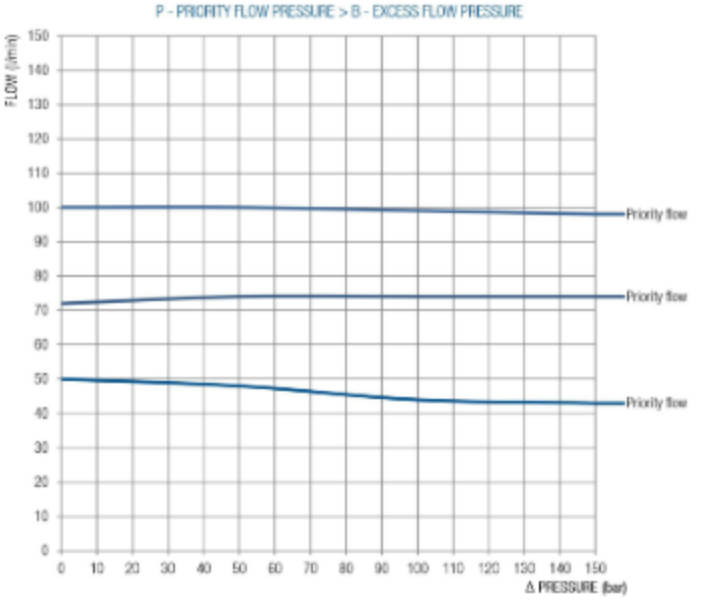
DIMENSIONI / *DIMENSIONS*				
	L		l	
	mm	inch	mm	inch
RF150P	140	5,51	108	4,25

P - PRIORITY FLOW REGULATION



PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

P - PRIORITY FLOW PRESSURE > B - EXCESS FLOW PRESSURE



PRIORITY FLOW VARIATION RELATED TO Δ PRESSURE BETWEEN P AND B CIRCUITS

B - EXCESS FLOW PRESSURE > P - PRIORITY FLOW PRESSURE