

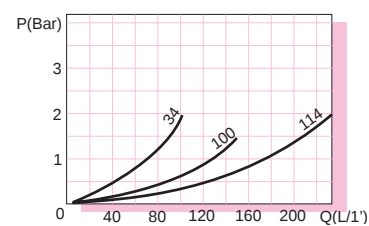
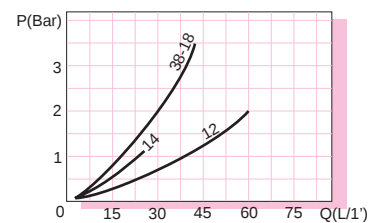
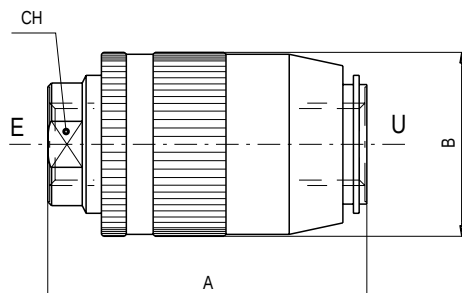
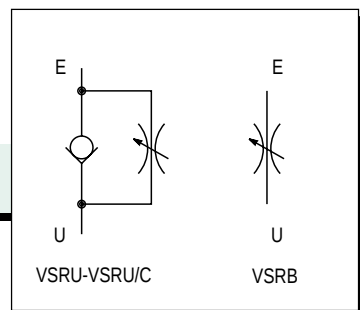
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VPF/3/EP -	...+VMP		pag.31
VPR/3/ET -	.../RL		pag.32
VPR/3/ET+VMP -	.../RL+VMP		pag.32
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VALVOLE DI STROZZAMENTO REGISTRABILI VALVES WITH VARIABLE REVERSE FLOW (BALL AND POPPET TYPE)

Tipo VSRU...(TENUTA A SFERA) VSRU/C...(TENUTA A CONO) VSRB...



Tipo			E-U	A	B	CH	Q(L/1')	Press.max (Bar)
VSRU 14	VSRU/C 14	VSRB 14	G 1/4	62	35	19	24	450
VSRU 38	VSRU/C 38	VSRB 38	G 3/8	72	42	24	40	400
VSRU 18	VSRU/C 18	VSRB 18	M 18x1,5	72	42	24	40	400
VSRU 12	VSRU/C 12	VSRB 12	G 1/2	80	48	30	60	350
VSRU 34	VSRU/C 34	VSRB 34	G 3/4	100	55	36	100	300
VSRU 100	VSRU/C 100	VSRB 100	G 1"	122	65	41	150	250
	VSRU/C 114	VSRB 114	G 1 1/4	144	77	50	250	250



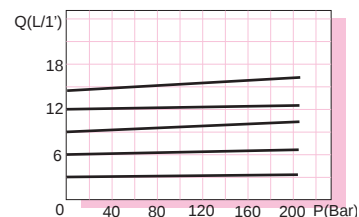
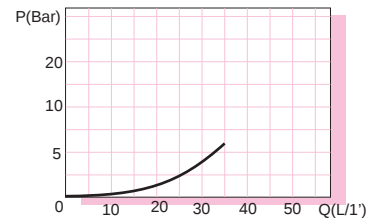
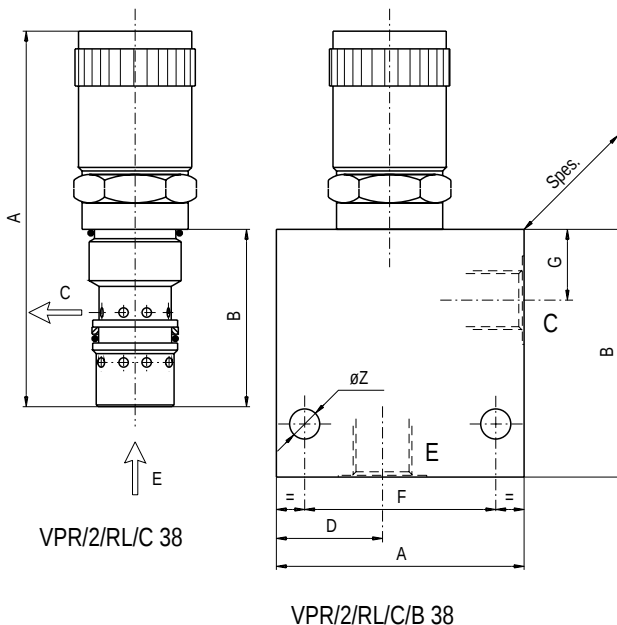
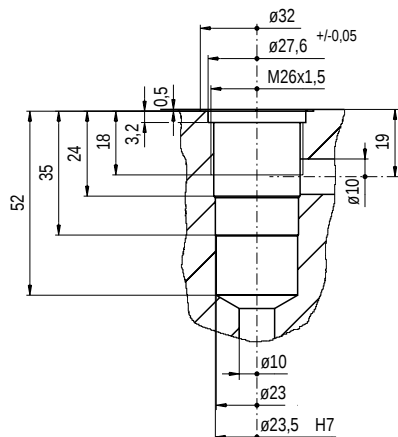
VALVOLE REGOLATRICI DI PORTATA COMPENSATE BARICAMENTE
CON RITORNO LIBERO A CARTUCCIA
FLOW REGULATOR,PRESSURE COMPENSATED , CARTRIDGE
COSTRUCTION

Tipo VPR/2/RL/C 38 - VPR/2/RL/C/B 38

MATERIALI

CORPO: Alluminio (210Bar)

PART.INTERNI:AcciaioCmt-Tmp-Rett



Tipo	A	B	Qmax(L/1')	Qreg(L/1')	Press.max(Bar)
VPR/2/RL/C 38	110	51	35	25	210

Tipo	C-E	A	B	Spes.	D	F	G	Z
VPR/2/RL/C/B 38	G 3/8	70	70	35	30	54	20	8,5



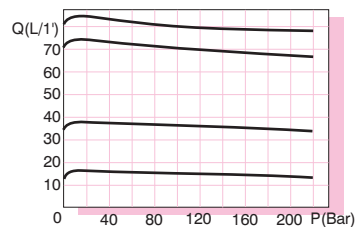
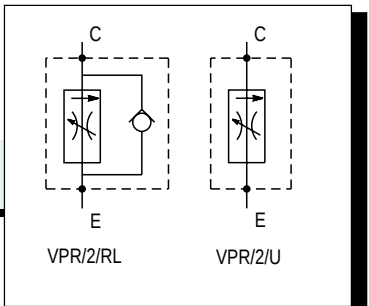
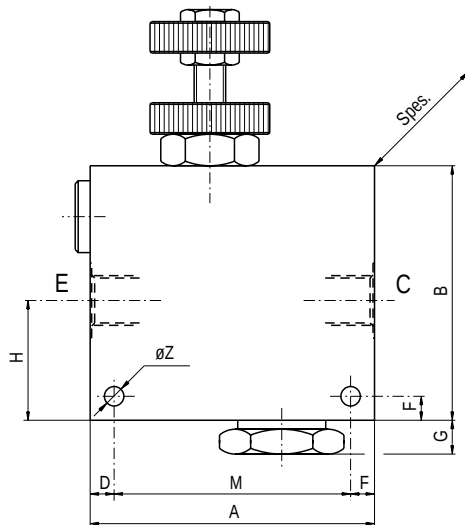
VALVOLE REGOLATRICI DI PORTATA COMPENSATE BARICAMENTE
FLOW REGULATORS,PRESSURE COMPENSATED

Tipo VPR/2/RL... - VPR/2/U...

MATERIALI

CORPO: Alluminio (210Bar)-Acciaio(350Bar)

PART.INTERNI:AcciaioCmt-Tmp-Rett



Tipo	E-C	A	B	Spes.	D	M	F	G	H	Z	Qe(L/1')
VPR/2/RL 38	G 3/8	95	85	40	23	64	8	11	40	6,5	30
VPR/2/RL 12	G 1/2	95	85	40	23	64	8	11	40	6,5	50
VPR/2/RL 34	G 3/4	130	100	50	38	84	8	10,5	44	8,5	90
VPR/2/RL 100	G 1"	160	140	70	50	100	10	13,5	58	10,5	150
VPR/2/U 38	G 3/8	80	85	40	8	64	8	11	40	6,5	30
VPR/2/U 12	G 1/2	80	85	40	8	64	8	11	40	6,5	50
VPR/2/U 34	G 3/4	100	100	50	8	84	8	10,5	44	8,5	90
VPR/2/U 100	G 1"	120	140	70	10	100	10	13,5	58	10,5	150

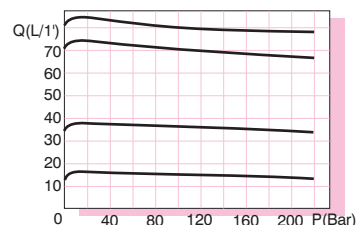
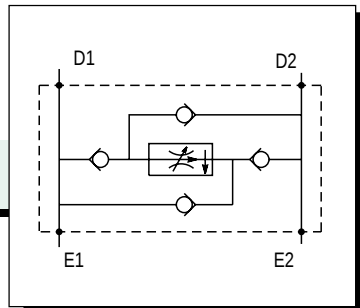
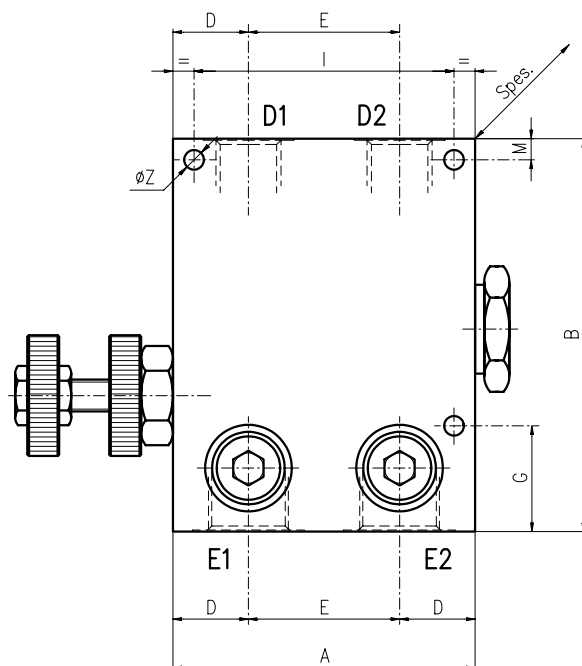


VALVOLE REGOLATRICI DI PORTATA COMPENSATE BARICAMENTE
IN DERIVAZIONE IN LINEA
FLOW REGULATORS, PRESSURE COMPENSATED BLEED-OFF
APPLICATION LINE MOUNTING

Tipo VPRI/2/BI/RAB...

MATERIALI

CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART.INTERNI:AcciaioCmt-Tmp-Rett



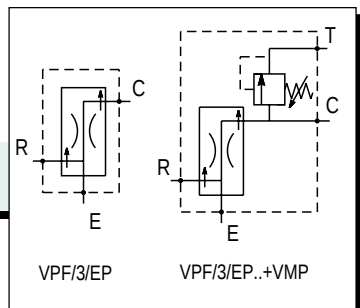
Tipo D1-D2 E1-E2 A B Spes. D E G I Z Q(L/1')

VPRI/2/BI/RAB 3/4-16UNF	3/4-16UNF	3/4-16UNF	100	130	74	25	50	35	86	6,5	40
VPRI/2/BI/RAB 38	G 3/8	G 1/2	100	130	74	25	50	35	86	6,5	40
VPRI/2/BI/RAB 12	G 1/2	G 3/4	100	130	70	25	50	35	86	6,5	40
VPRI/2/BI/RAB 34	G 1"	G 3/4	120	170	90	30	60	42	104	6,5	80
VPRI/2/BI/RAB 100	G 1"	G 1 1/4	150	250	150	37	76	70	130	10,5	140



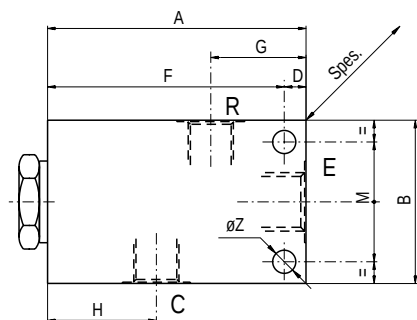
VALVOLE PRIORITARIE A PORTATA COSTANTE FISSA E PORTATA
ECCEDENTE IN PRESSIONE
PRIORITY VALVES, PRESSURE COMPENSATED, FIXED COSTANT
FLOW, EXCEEDING FLOW TO PRESSURE, LINE MOUNTING

Tipo VPF/3/EP... VPF/3/EP...+VMP

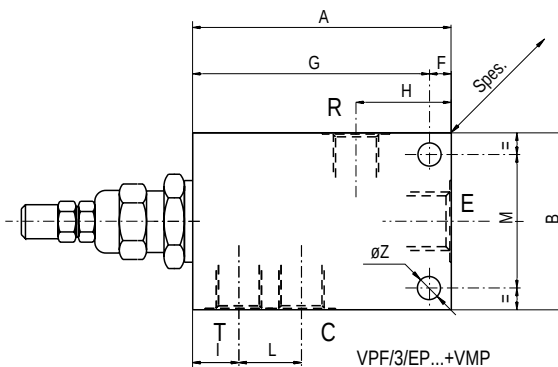


MATERIALI

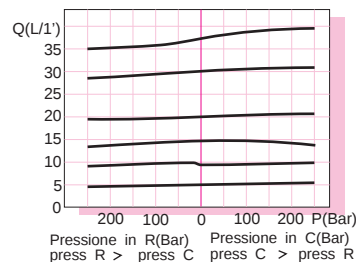
CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART.INTERNI:AcciaioCmt-Tmp-Rett



VPF/3/EP...



VPF/3/EP...+VMP



Ø Foro

Tipo	Dosatore(mm)	1	1,5	2	2,5	2,8	3	3,5	3,8	4	4,5	5	5,5	6	6,5	7
VPF/3/EP 38..	Portata costante(L/1')	1,2	2,8	5	7,5	9,5	11	16	20	23	-	-	-	-	-	-
VPF/3/EP 12..	Portata costante(L/1')	1,1	2,5	4	6,5	8	9,5	13	16	18	25	32	41	-	-	-
VPF/3/EP 34..	Portata costante(L/1')	1,3	3	5	7,5	-	11	15	-	20,5	26,5	33	42	52	63	77

Tipo C - T R E A B Spes. D M F G H I L Z Q(L/1')

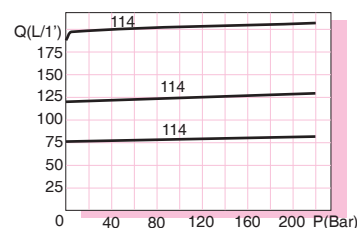
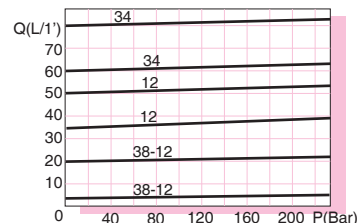
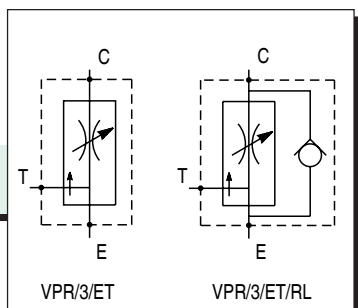
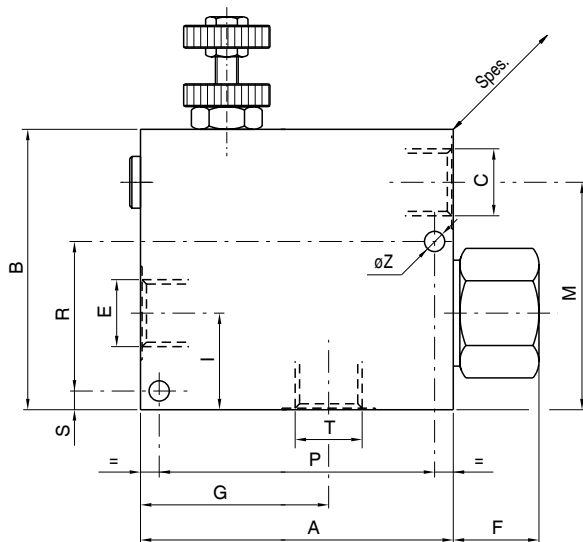
VPF/3/EP 38	G 3/8	G 3/8	G 1/2	95	60	35	8	44	87	35	40	-	-	8,5	60
VPF/3/EP 12	G 1/2	G 3/4	G 3/4	110	70	40	8	54	102	45	38	-	-	8,5	100
VPF/3/EP 34	G 3/4	G 1"	G 1"	120	90	50	10	70	110	50	40	-	-	10,5	150
VPF/3/EP 38+VMP	G 3/8	G 3/8	G 1/2	95	65	65	8	44	8	87	35	17	23	8,5	60
VPF/3/EP 12+VMP	G 1/2	G 3/4	G 3/4	110	75	75	10,5	54	8	102	45	17,5	20,5	8,5	100
VPF/3/EP 34+VMP	G 3/4	G 1"	G 1"	120	90	90	10	70	10	110	50	20	20	10,5	150



VALVOLE PRIORITARIE A PORTATA COSTANTE REGOLABILE E PORTATA
ECCEDENTE A SCARICO
PRIORITY VALVES, PRESSURE COMPENSATED, VARIABLE COSTANT FLOW,
EXCEEDING FLOW TO TANK, LINE MOUNTING

Tipo VPR/3/ET... VPR/3/ET/RL...

MATERIALI
CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART.INTERNI: Acciaio Cmt-Tmp-Rett



Tipo	E-C	T	A	B	Spes.	F	G	I	M	P	R	S	Z	Qe(l/1')	Qc(l/1')
VPR/3/ET 38	G 3/8	G 3/8	90	90	40	27,2	50	31	73	78	48	6	6,5	50	30
VPR/3/ET 12	G 1/2	G 1/2	90	90	40	27,2	50	31	73	78	48	6	6,5	90	50
VPR/3/ET 34	G 3/4	G 3/4	110	110	50	34,5	66	35	85	94	55,5	8	8,5	150	90
VPR/3/ET 100	G 1"	G 1"	130	140	*	20,5	70	47	110	110	-	10	10,5	240	150
VPR/3/ET 114	G 1 1/4	G 1 1/4	130	165	*	20,5	70	65	135	110	-	10	10,5	350	250

VPR/3/ET/RL 38	G 3/8	G 3/8	110	90	40	27,2	70	31	73	98	48	6	6,5	50	30
VPR/3/ET/RL 12	G 1/2	G 1/2	110	90	40	27,2	70	31	73	98	48	6	6,5	90	50
VPR/3/ET/RL 34	G 3/4	G 3/4	138	120	50	34,5	94	35	95	122	55,5	8	8,5	150	90

*

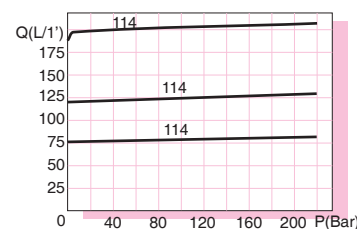
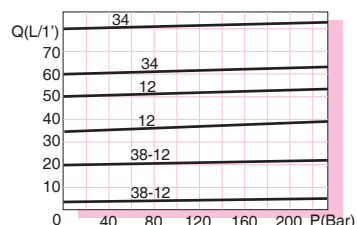
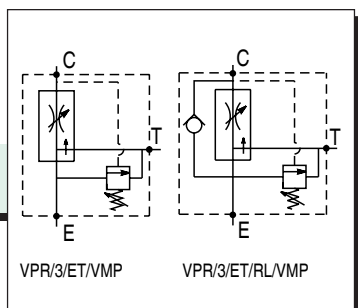
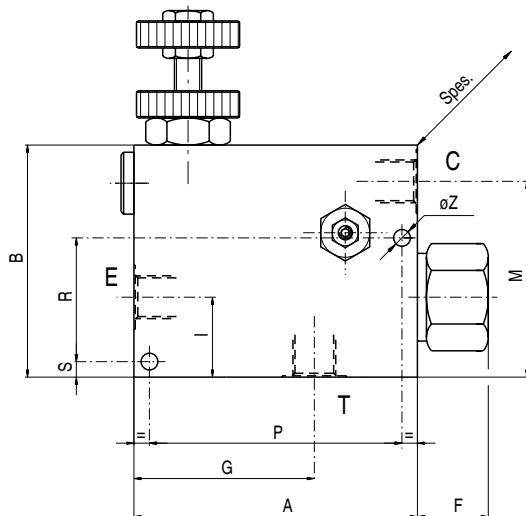
Spes.	Materiale
70	Alluminio
65	Acciaio



VALVOLE PRIORITARIE A PORTATA COSTANTE REGOLABILE E PORTATA
ECCEDENTE A SCARICO CON VMP
PRIORITY VALVES, PRESSURE COMPENSATED, VARIABLE COSTANT FLOW,
EXCEEDING FLOW TO TANK, BUILT-IN RELIEF VALVE, LINE MOUNTING

Tipo VPR/3/ET/VMP... VPR/3/ET/RL/VMP...

MATERIALI
CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART.INTERNI: Acciaio Cmt-Tmp-Rett



Tipo	E-C	T	A	B	Spes.	F	G	I	M	P	R	S	Z	Qe(l/1')	Qc(l/1')
VPR/3/ET/VMP 38	G 3/8	G 3/8	90	90	40	27,2	50	31	73	78	48	6	6,5	50	30
VPR/3/ET/VMP 12	G 1/2	G 1/2	90	90	40	27,2	50	31	73	78	48	6	6,5	90	50
VPR/3/ET/VMP 34	G 3/4	G 3/4	110	110	50	34,5	66	35	85	94	55,5	8	8,5	150	90
VPR/3/ET/VMP 100	G 1"	G 1"	130	140	*	20,5	70	47	110	110	0	10	10,5	240	150
VPR/3/ET/VMP 114	G 1 1/4	G 1 1/4	130	165	*	20,5	70	65	135	110	0	10	10,5	350	250

VPR/3/ET/RL/VMP 38	G 3/8	G 3/8	110	90	40	27,2	70	31	73	98	48	6	6,5	50	30
VPR/3/ET/RL/VMP 12	G 1/2	G 1/2	110	90	40	27,2	70	31	73	98	48	6	6,5	90	50
VPR/3/ET/RL/VMP 34	G 3/4	G 3/4	138	120	50	34,5	94	35	95	122	55,5	8	8,5	150	90

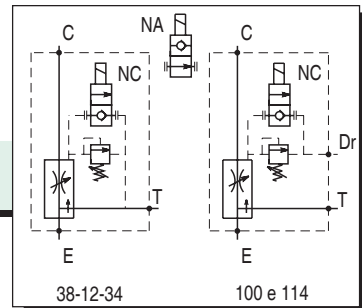
*

Spes.	Materiale
70	Alluminio
65	Acciaio



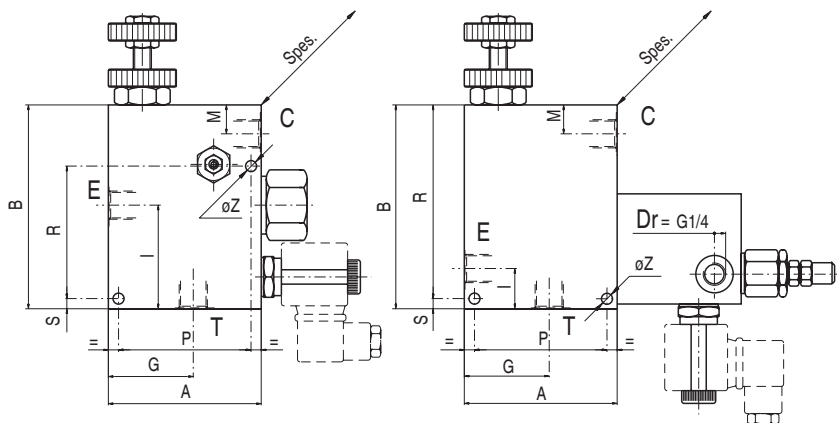
VALVOLE PRIORITARIE A PORTATA COSTANTE REGOLABILE E PORTATA ECCELENTE A SCARICO CON VMP E VENTING ELETTRICO
PRIORITY VALVES, PRESSURE COMPENSATED, VARIABLE COSTANT FLOW, EXCEEDING FLOW TO TANK, ELETTRIC VENTING BUILT-IN RELIEF VALVE, LINE MOUNTING

Tipo VPR/3/ET...VMP+VE



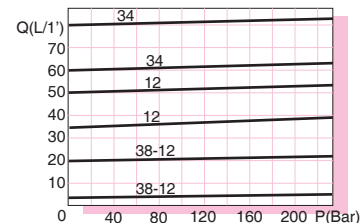
MATERIALI

CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART. INTERNI: Acciaio Cmt-Tmp-Rett



VPR/3/ET 38-12-34+VMP+VE...

VPR/3/ET 100-114+VMP+VE...



Tipo	E-C	T	A	B	Spes.	G	I	M	P	R	S	Z	Qe(L/1')	Qc(L/1')
VPR/3/ET 38/VMP+VE	G 3/8	G 3/8	90	120	40	50	61	17	78	78	6	6,5	50	30
VPR/3/ET 12/VMP+VE	G 1/2	G 1/2	90	120	40	50	61	17	78	78	6	6,5	90	50
VPR/3/ET 34/VMP+VE	G 3/4	G 3/4	110	140	50	66	65	25	94	85,5	8	8,5	150	90
VPR/3/ET 100/VMP+VE	G 1"	G 1"	130	165	*	70	53	30	110	-	-	10,5	240	150
VPR/3/ET 114/VMP+VE	G 1 1/4"	G 1 1/4"	130	190	70	70	65	30	110	-	-	10,5	350	200

Solenoidi

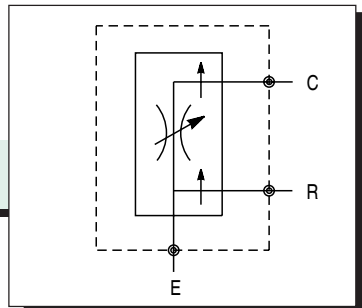
BE/... (210 Bar) pag.41
BT/... (350 Bar) pag.41

Spes.	Materiale
70	Alluminio Aluminium
65	Acciaio Steel



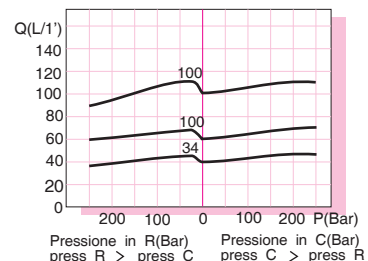
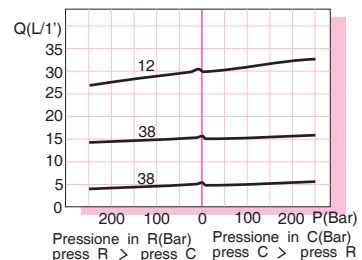
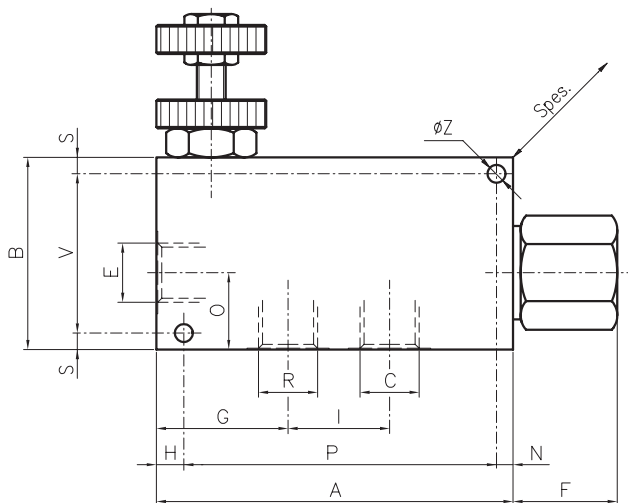
VALVOLE PRIORITARIE A PORTATA COSTANTE REGOLABILE E PORTATA ECCELENTE IN PRESSIONE
PRIORITY VALVES, PRESSURE COMPENSATED, VARIABLE COSTANT FLOW, EXCEEDING FLOW TO PRESSURE, LINE MOUNTING

Tipo VPR/3/EP...



MATERIALI

CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART. INTERNI: Acciaio Cmt-Tmp-Rett



Tipo	E-C	R	A	B	Spes.	F	G	H	I	M	N	O	P	S	V	Z	Qe(L/1')	Qc(L/1')
VPR/3/EP 38	G 3/8	G 3/8	130	70	40	35,3	48	10	37	40	6	28	114	6	58	6,5	50	30
VPR/3/EP 12	G 1/2	G 1/2	130	70	40	35,3	48	10	37	40	6	28	114	6	58	6,5	90	50
VPR/3/EP 34	G 3/4	3/4	155	90	50	36,5	57	10	44	45	10	35	135	8	74	8,5	150	90
VPR/3/EP 100	G 1"	1"	155	130	*	53,5	48	12,5	57	45	12,5	67,5	130	10,5	109	13	240	150
VPR/3/EP 114	G 1 1/4"	G 1 1/4"	184	160	75	59,5	60	12,5	70	45	12,5	83	159	12,5	135	12,5	450	250

Spes.	Materiale
70	Alluminio Aluminium
65	Acciaio Steel



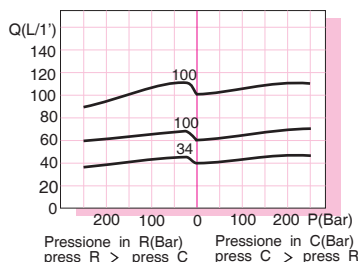
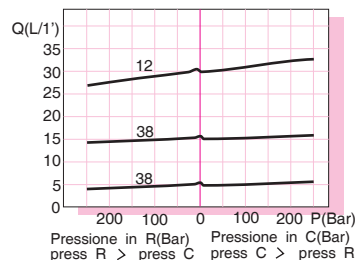
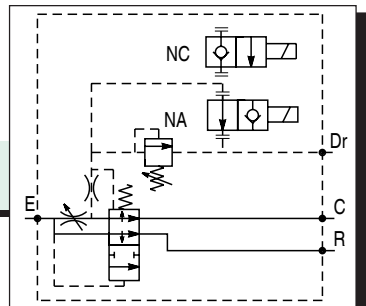
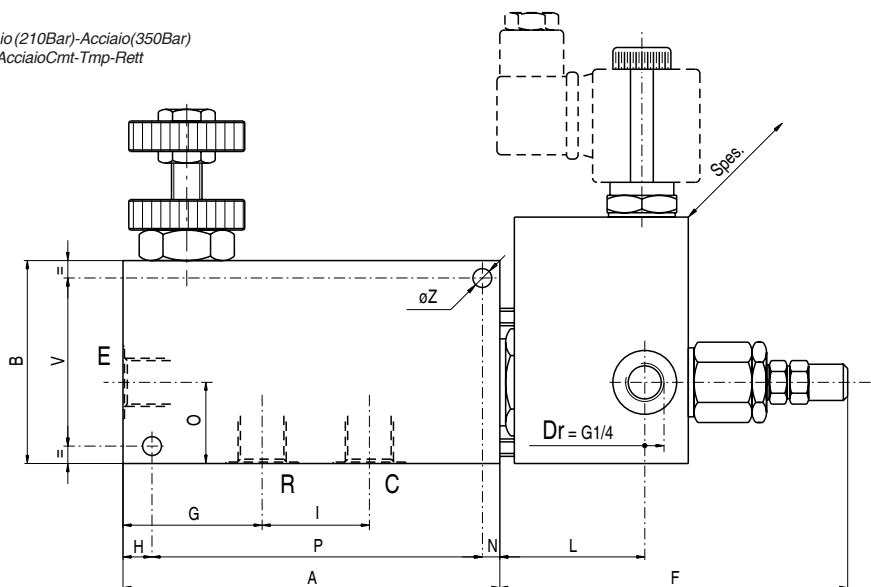
VALVOLE PRIORITARIE A PORTATA COSTANTE REGOLABILE E PORTATA
ECCEDENTE IN PRESSIONE CON VMP E VENTING ELETTRICO
FLOW REGULATORS, VARIABLE CONSTANT FLOW, EXCEEDING FLOW TO
PRESSURE, ELETTRIC VENTING, BUILT-IN RELIEF VALVE

Tipo VPR/3/EP...VMP+VE

Per un corretto funzionamento garantire sul
ramo "R" o "C" un Δp min. = 7 Bar

MATERIALI

CORPO: Alluminio (210 Bar) - Acciaio (350 Bar)
PART. INTERNI: Acciaio Cmt-Tmp-Rett



Tipo	E-C	R	A	B	Spess.	F	G	H	I	L	N	O	P	V	Z	Qe(L/1')	Qc(L/1')
VPR/3/EP 38 VMP+VE	G 3/8	G 3/8	130	70	40	118,5	48	10	37	50	6	28	114	58	6,5	50	30
VPR/3/EP 12 VMP+VE	G 1/2	G 1/2	130	70	40	120	48	10	37	50	6	28	114	58	6,5	90	50
VPR/3/EP 34 VMP+VE	G 3/4	G 3/4	155	90	50	129,5	57	10	44	61,5	10	35	135	74	8,5	150	90
VPR/3/EP 100 VMP+VE	G 1"	G 1"	155	130	*	118	50	12,5	57	52	12,5	67,5	130	109	13	240	150
VPR/3/EP 114 VMP+VE	G 1 1/4	G 1 1/4	184	160	75	134	60	65	70	35	12,5	83	159	135	12,5	450	250

* Spes.	Materiale
70	Alluminio Aluminium
65	Acciaio Steel

Solenoidi
BE/... pag.41



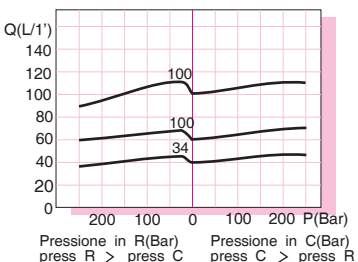
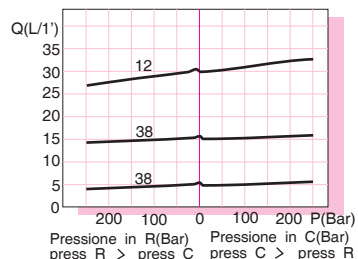
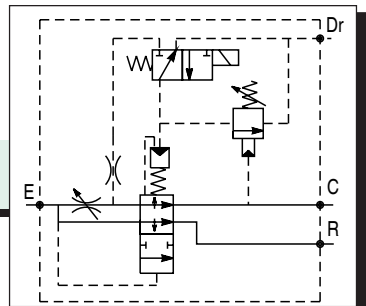
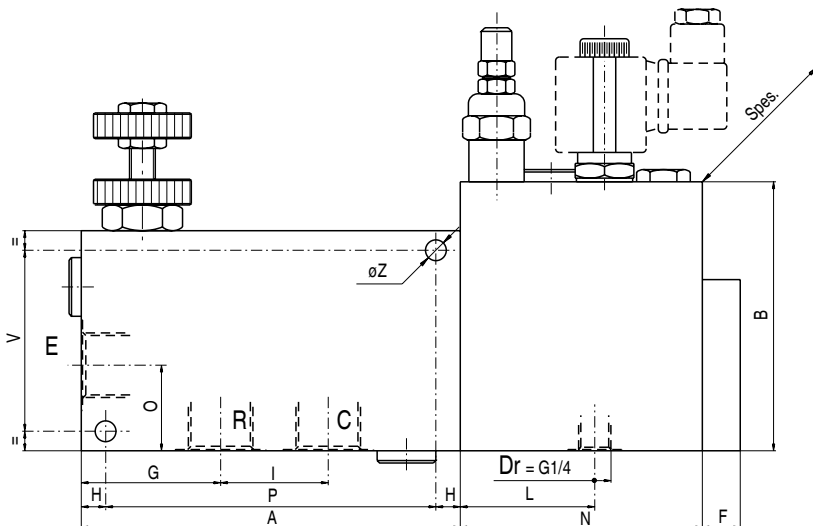
VALVOLE REGOLATRICI DI PORTATA A TRE VIE CON VMP E VENTING ELETTRI-
CO PER COMANDO MARTELLONI IDRAULICI
FLOW REGULATORS, ELETTRIC VENTING, BUILT-IN RELIEF VALVE WITH
LOWER PRESSURE DROP FOR HAMMER

Tipo VPR/3/EP...VMP+VE/LPD

BREVETTATO
(PATENTED)

MATERIALI

CORPO: Acciaio (350 Bar)
PART. INTERNI: Acciaio Cmt-Tmp-Rett



Tipo	E-C	R	A	B	Spess.	F	G	H	I	L	N	O	P	V	Z	Qe(L/1')	Qc(L/1')
VPR/3/EP 34 VMP+VE/LPD	G 3/4	G 3/4	155	110	50	15,5	57	10	44	55	99	35	135	74	8,5	150	90
VPR/3/EP 100 VMP+VE/LPD	G 1"	G 1"	155	130	65	17,5	50	12,5	57	73,5	113	67,5	130	109	13	240	150
VPR/3/EP 114 VMP+VE/LPD	G 1 1/4	G 1 1/4	184	160	75	17,5	60	12,5	70	93,5	144	83	159	135	12,5	450	250

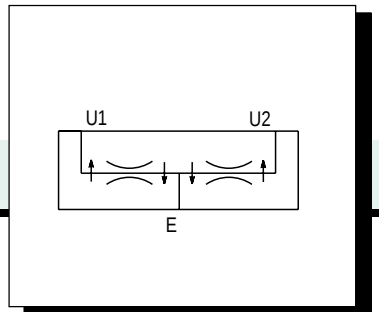
Solenoidi
BT/...

pag.41



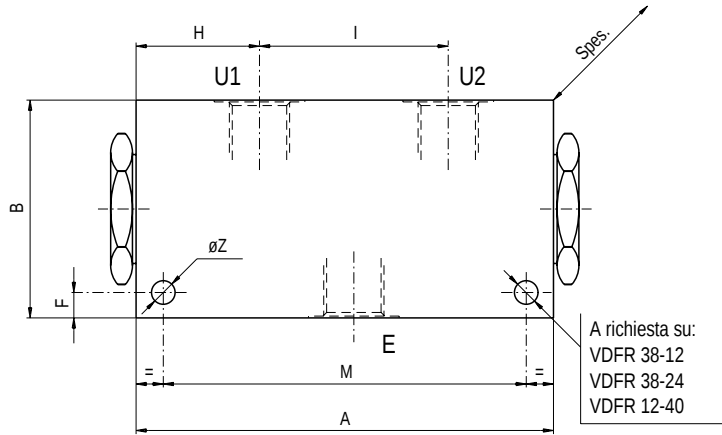
VALVOLE DIVISORI DI FLUSSO RIUNIFICATRICI FLOW DIVIDERS/COMBINERS, PRESSURE COMPENSATED

Tipo VDFR...

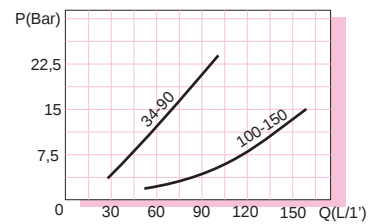
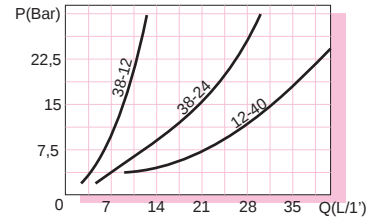


MATERIALI

CORPO: Alluminio (210Bar)-Acciaio(350Bar)
PART.INTERNI: AcciaioCmt-Tmp-Rett



A richiesta su:
VDFR 38-12
VDFR 38-24
VDFR 12-40

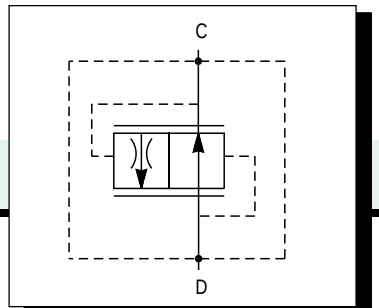


Tipo	U1-U2	E	A	B	Spes.	F	H	I	M	Z	Q(L/1')
VDFR 38-12	G 3/8	G 3/8	115	60	40	7	34	52	100	6,5	4 / 12
VDFR 38-24	G 3/8	G 3/8	115	60	40	7	34	52	100	6,5	12 / 24
VDFR 12-40	G 3/8	G 1/2	115	60	40	7	34	52	100	6,5	24 / 40
VDFR 34-90	G 1/2	G 3/4	160	80	50	8	41	78	140	8,5	40 / 90
VDFR 100-150	G 3/4	G 1"	160	80	50	8	41	78	140	8,5	90 / 150



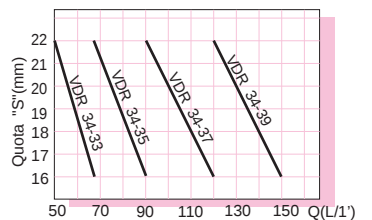
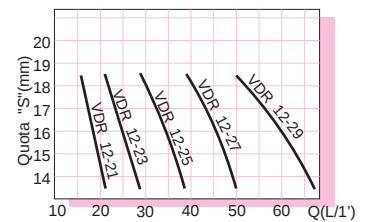
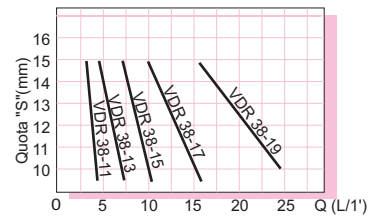
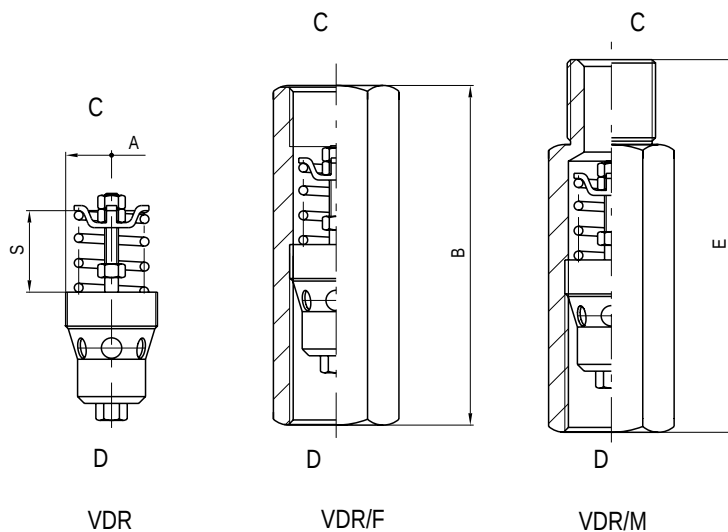
VALVOLE REGOLATRICI DI DISCESA CHECK VALVES FOR DESCENT CONTROL

Tipo VDR... VDR/F... VDR/M...

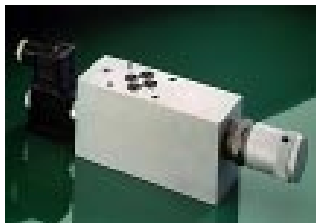


MATERIALI

CORPO: Acciaio(350Bar)
PART.INTERNI: AcciaioCmt-Tmp-Rett



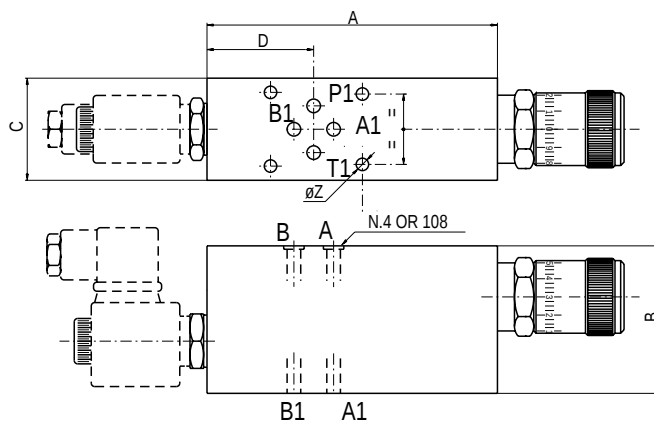
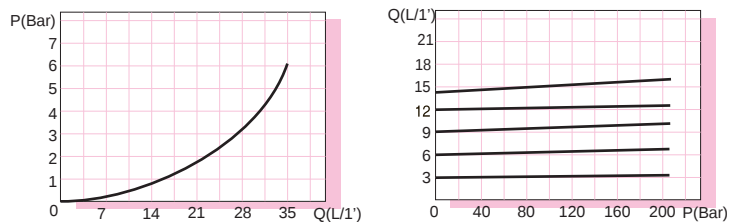
Tipo	C	D	A	E	B
VDR 38	G 3/8	G 3/8	G 3/8	82	70
VDR 12	G 1/2	G 1/2	G 1/2	96	80
VDR 34	G 3/4	G 3/4	G 3/4	106	100



MATERIALI
CORPO: Alluminio (210Bar)
PART.INTERNI: Acciaio Cmt-Tmp-Rett

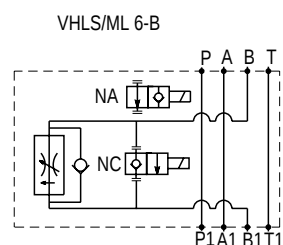
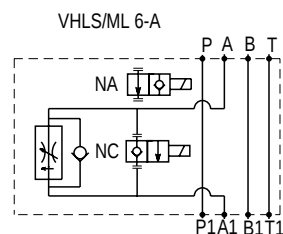
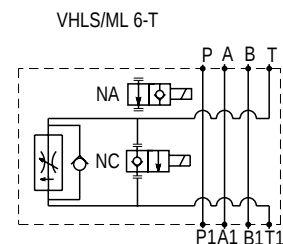
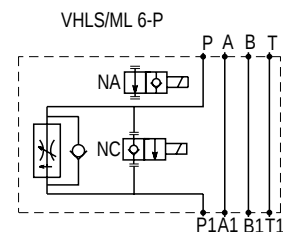
VALVOLE RAPIDO LENTO MODULARI "NG6" HIGH-LOW SPEED VALVES, SANDWICH MOUNTING "NG6"

Tipo **VHLS/ML6-38**



Tipo	A	B	C	D	Z	Qmax(L/1')	Qreg(L/1')
VHLS/ML 6-38...	128	65	45	47	5,5	20	25
VHLS/ML 6-38.../VG	128	65	45	47	5,5	35	25

Solenoidi
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BT/... (350 Bar) pag.41



REGOLAZIONI OPZIONALI PER VALVOLE VPR... OPTIONAL ADJUSTMENTS FOR "VPR..." VALVES

	Vite "S" Screw "S"		Volantino graduato "MGB" (regolazione fine) Handknob calibrated "MGB" (fine calibration)
	Leva "L" (rotazione =180°) Lever "L" (rotation = 180°)		Motore elettrico "REM" Electric motor "REM"
	Volantino graduato "MG" (regolazione media) Handknob calibrated "MG" (medium calibration)		Elettro-proporzionale "CEP" Electric proportional "CEP"