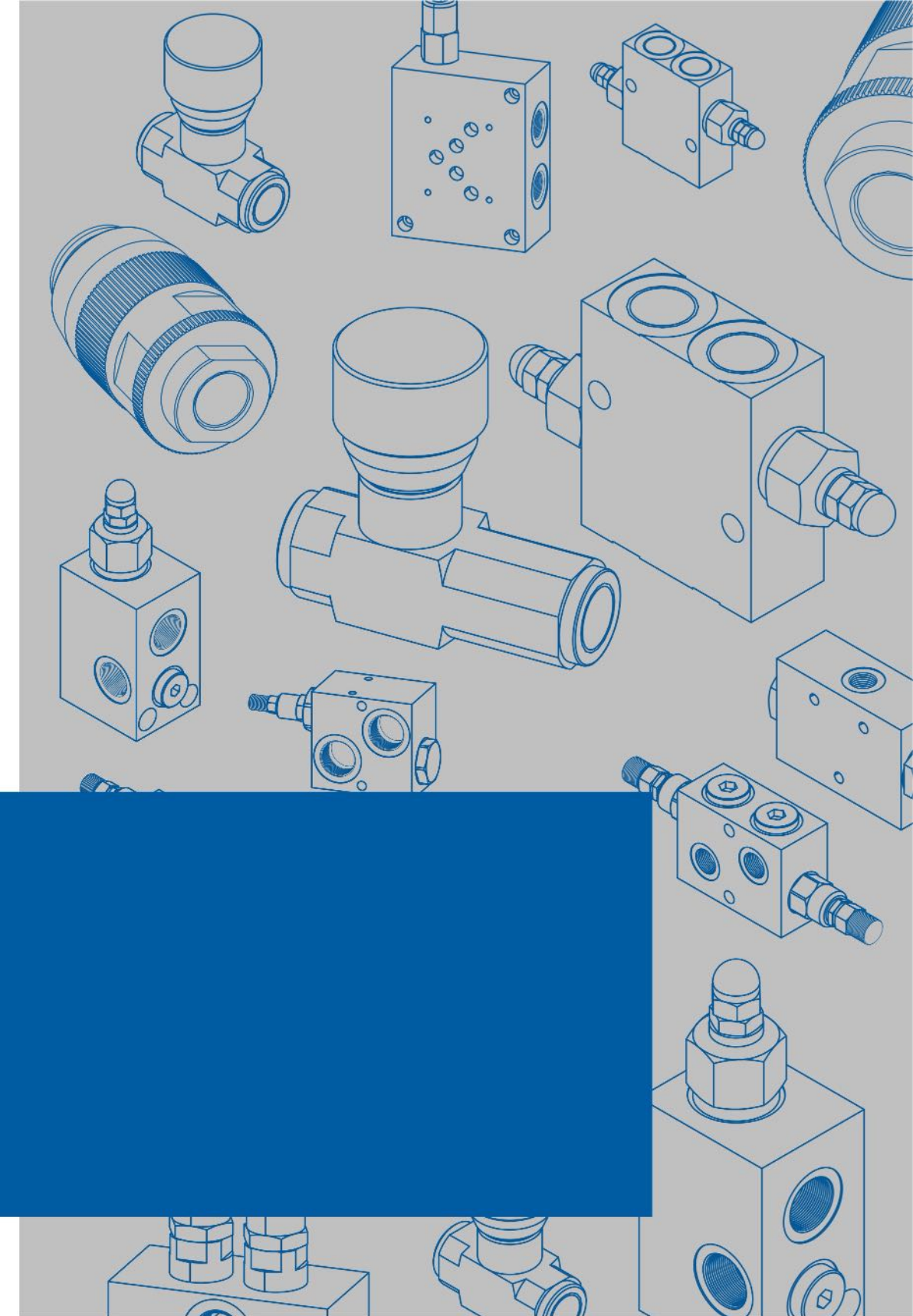
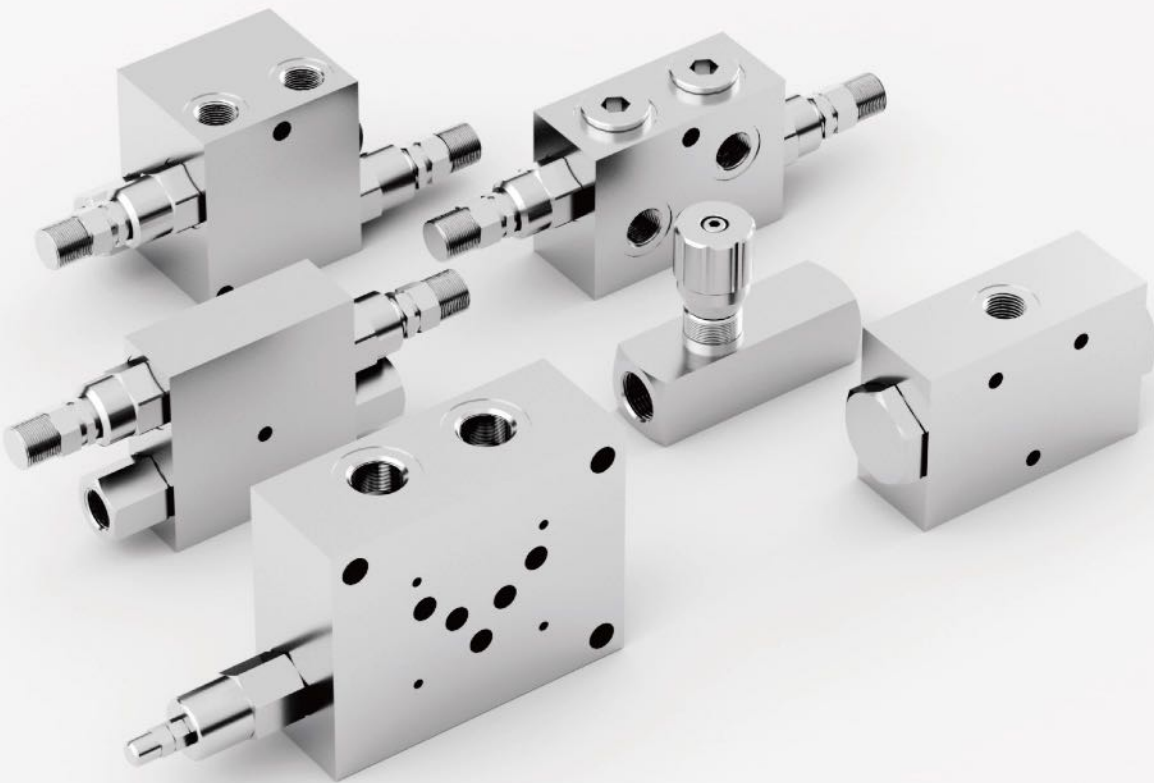


Itahydraulic
Power Technology

YEARS
OF HISTORY
15



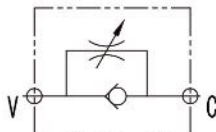


CATALOGUE

VRFU 90°	01
VRFB 90°	02
VURF	03
VBRF	04
DFL	05
VMP	06
VMP L	07
VMP	08
VMP L D5	09
VMPP L D5	10
VMPP	11
VMP CETOP	12
VAU	13
VMPD	14
VAU	15
VAUAC	16
VMPDI	17
VBLP	18
VBAU	19
VSQ20	20
VSQ30	20
VSBS 3/4	20



VRFU 90°



MODEL

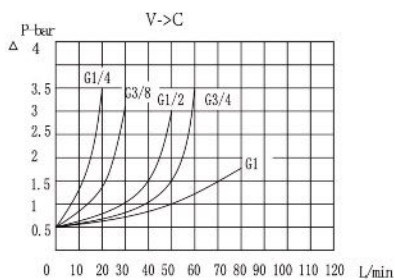
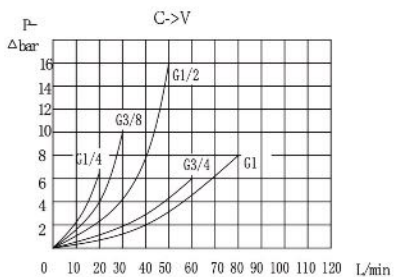
CONNECTION

VRFU 90° 1/4

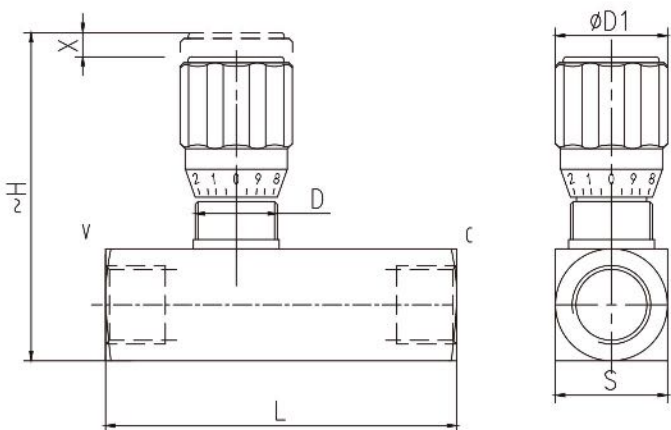
VRFU 90° UNIDIRECTIONAL FLOW CONTROL VALVE (BSP)

MODEL	VRFU 90° 1/4	VRFU 90° 3/8	VRFU 90° 1/2	VRFU 90° 3/4	VRFU 90° 1
FLOW	15L/min	30L/min	50L/min	80L/min	110L/min
PRESSURE	350bar	350bar	350bar	320bar	300bar
APPLICABLE MEDIA	Hydraulic oil				
OIL VISCOCITY	10-200cst				
OIL TEMPERATURE RANGE	-20°C- +80°C				

FLOW-PRESSURE LOSS CURVE



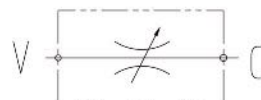
DRAWING



MODEL	V/C	L	D	D1	H	S	X
VRFU 90° 1/4	G1/4	73	M22X1.5	32	82	25	6.5
VRFU 90° 3/8	G3/8	83	M22X1.5	32	82	25	6.5
VRFU 90° 1/2	G1/2	94	M22X1.5	32	87	30	6.5
VRFU 90° 3/4	G3/4	110	M35X1.5	42	108.5	40	11.5
VRFU 90° 1	G1	135	M35X1.5	42	126	40	11.5



VRFB 90°



MODEL

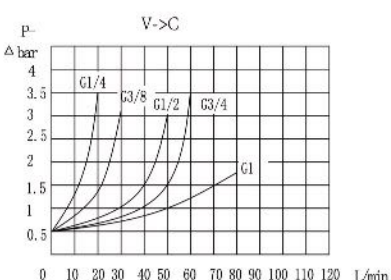
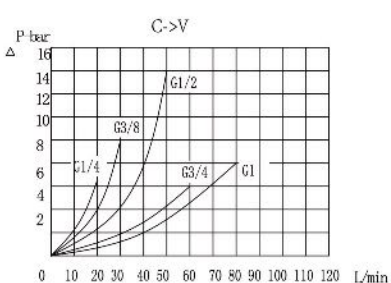
CONNECTION

VRFB 90° 1/4

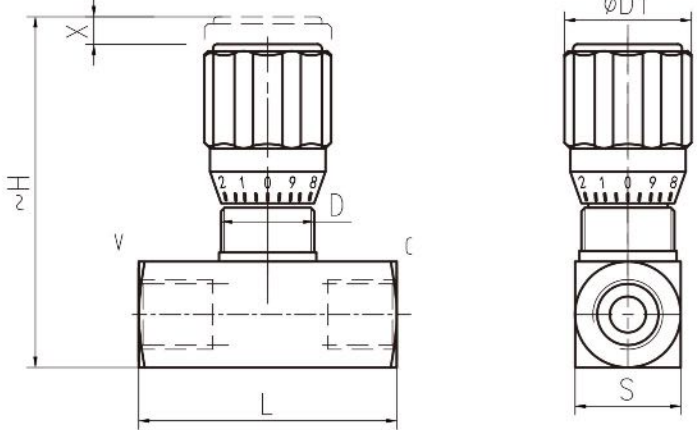
VRFB 90° FLOW CONTROL VALVE (BSP)

MODEL	VRFB 90° 1/4	VRFB 90° 3/8	VRFB 90° 1/2	VRFB 90° 3/4	VRFB 90° 1
FLOW	15L/min	30L/min	50L/min	80L/min	110L/min
PRESSURE	350bar	350bar	350bar	320bar	300bar
APPLICABLE MEDIA	Hydraulic oil				
OIL VISCOCITY	10-200cst				
OIL TEMPERATURE RANGE	-20°C- +80°C				

FLOW-PRESSURE LOSS CURVE



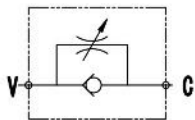
DRAWING



MODEL	V/C	L	D	D1	H	S	X
VRFB 90° 1/4	G1/4	60	M22X1.5	32	82	25	6.5
VRFB 90° 3/8	G3/8	61	M22X1.5	32	82	25	6.5
VRFB 90° 1/2	G1/2	70	M22X1.5	32	87	30	6.5
VRFB 90° 3/4	G3/4	89	M35X1.5	42	108.5	40	11.5
VRFB 90° 1	G1	90	M35X1.5	42	126	40	11.5



VURF



MODEL

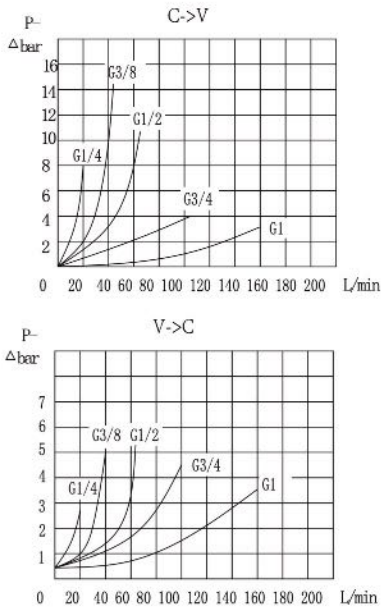
CONNECTION

VURF 1/4

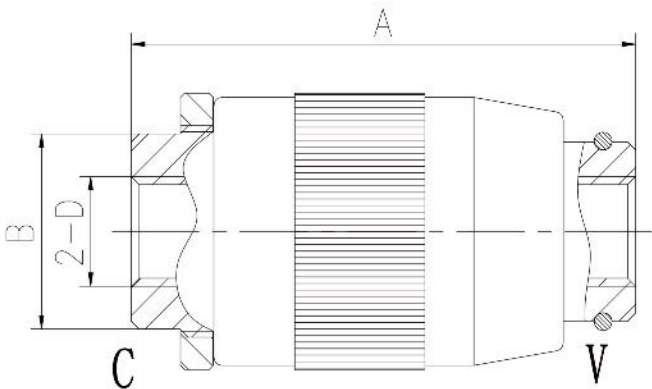
VURF UNIDIRECTIONAL FLOW CONTROL VALVE (BSP)

MODEL	VURF 1/4	VURF 3/8	VURF 1/2	VURF 3/4	VURF 1
FLOW	12L/min	30L/min	50L/min	85L/min	120L/min
PRESSURE	320bar	320bar	320bar	280bar	250bar
APPLICABLE MEDIA	Hydraulic oil				
OIL VISCOCITY	10-200cst				
OIL TEMPERATURE RANGE	-20°C- +80°C				

FLOW-PRESSURE
LOSS CURVE



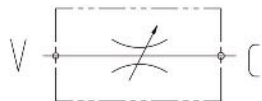
DRAWING



MODEL	V/C	A	B
VURF 1/4	G1/4	62	21
VURF 3/8	G3/8	78	26
VURF 1/2	G1/2	80	30
VURF 3/4	G3/4	100	36
VURF 1	G1	118	41



VBRF



MODEL

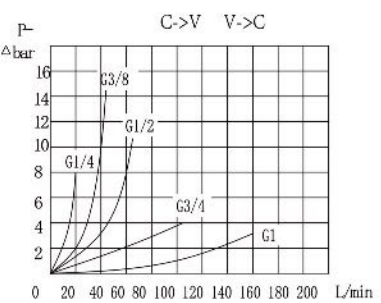
CONNECTION

VBRF 1/4

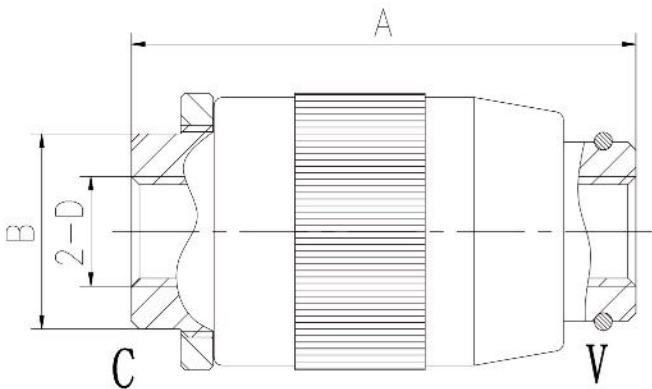
VBRF FLOW CONTROL VALVE (BSP)

MODEL	VBRF 1/4	VBRF 3/8	VBRF 1/2	VBRF 3/4	VBRF 1
FLOW	12L/min	30L/min	50L/min	85L/min	120L/min
PRESSURE	320bar	320bar	320bar	280bar	250bar
APPLICABLE MEDIA	Hydraulic oil				
OIL VISCOCITY	10-200cst				
OIL TEMPERATURE RANGE	-20°C- +80°C				

FLOW-PRESSURE
LOSS CURVE



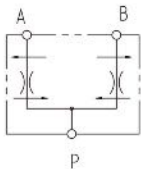
DRAWING



MODEL	V/C	A	B
VBRF 1/4	G1/4	62	21
VBRF 3/8	G3/8	78	26
VBRF 1/2	G1/2	80	30
VBRF 3/4	G3/4	100	36
VBRF 1	G1	118	41



DFL



MODEL

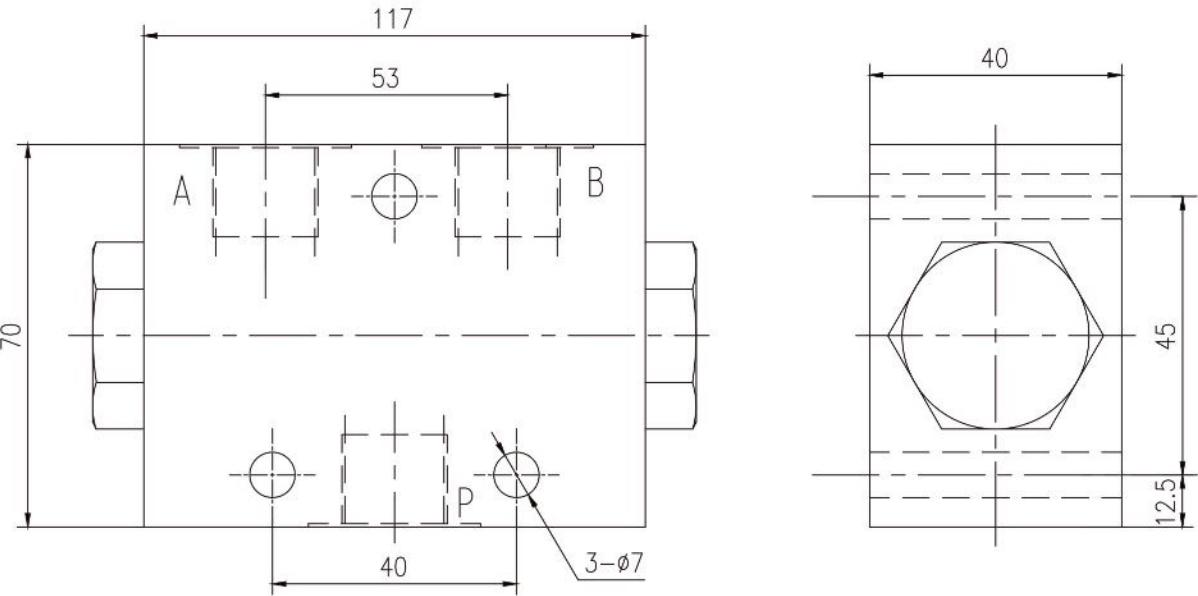
DFL 1-3

RANGE FLOW: 1-3L/min

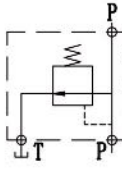
DFL FLOW DIVIDER VALVE

Table with 9 columns: MODEL, DFL 1-3, DFL 3-6, DFL 6-10, DFL 10-20, DFL 20-32, DFL 25-40, DFL 40-60, DFL 60-80. Rows include INPUT MIN FLOW, INPUT MAX FLOW, WORK PRESSURE, DISTRIBUTION RATIO, ALLOCATION ACCURACY, APPLICABLE MEDIA, OIL VISCOCITY, and OIL TEMPERATURE RANGE.

DRAWING



VMP



MODEL

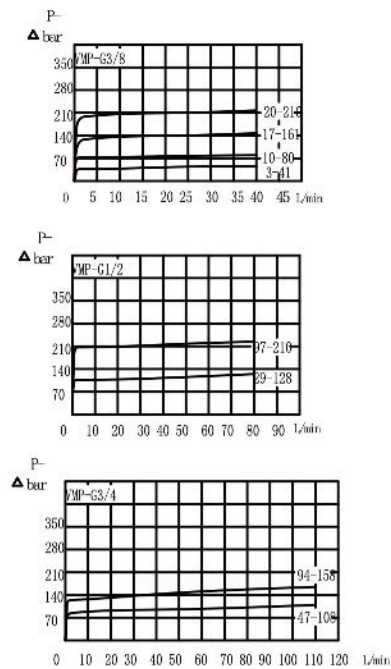
VMP-G3/8

CONNECTION

VMP RELIEF VALVE

Table with 4 columns: MODEL, VMP-G3/8, VMP-G1/2, VMP-G3/4. Rows include FLOW, MAX PRESSURE, RANGE PRESSURE, APPLICABLE MEDIA, OIL VISCOCITY, and OIL TEMPERATURE RANGE.

FLOW-PRESSURE LOSS CURVE



DRAWING

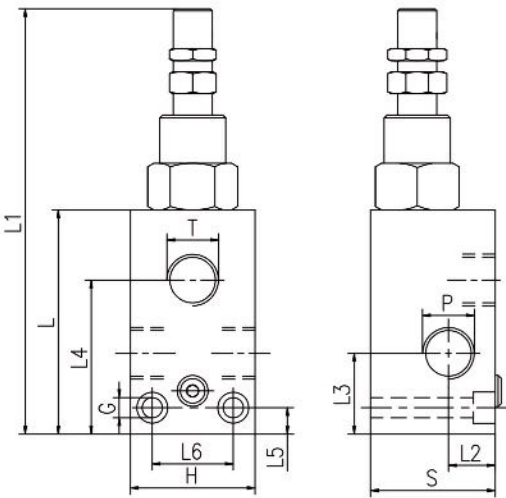
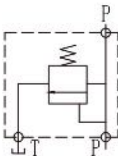


Table with 13 columns: MODEL, FLOW, P/T, L, L1, L2, L3, L4, L5, L6, G, H, S. Rows include VMP-G3/8, VMP-G1/2, and VMP-G3/4.



VMP L



MODEL

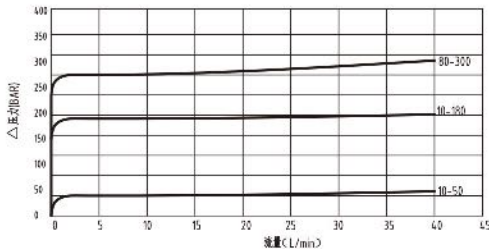
CONNECTION

VMP 1/4 L

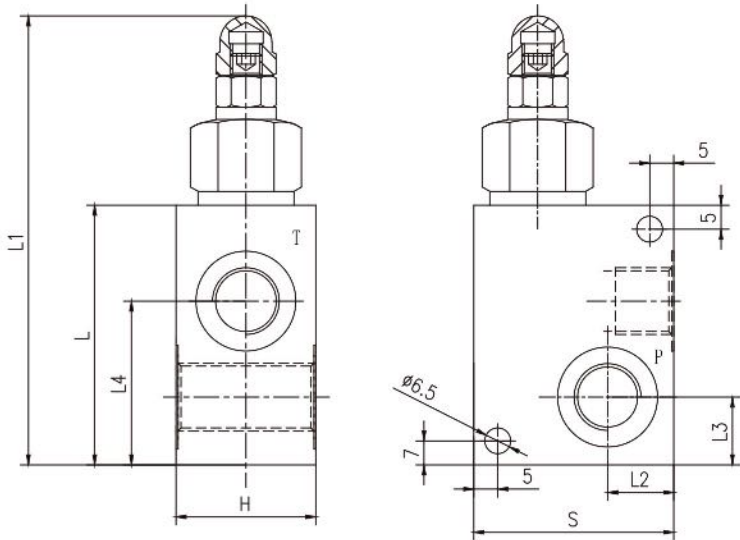
VMP L RELIEF VALVE

MODEL	VMP 1/4 L	VMP 3/8 L
FLOW	30L/min	40L/min
MAX PRESSURE	350bar	
APPLICABLE MEDIA	Hydraulic oil	
OIL VISCOCITY	10-200cSt	
OIL TEMPERATURE RANGE	-20°C-80°C	

FLOW-PRESSURE
LOSS CURVE



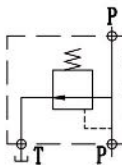
DRAWING



MODEL	P/T	L	L1	L2	L3	L4	H	S
VMP 1/4 L	G1/4	52	114	12	13	35	30	40
VMP 3/8 L	G3/8	55	114	12	15	35.5	30	40



VMP



MODEL

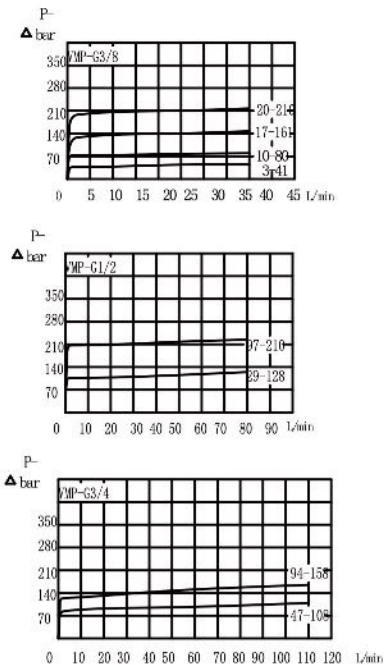
CONNECTION

VMP 1/4

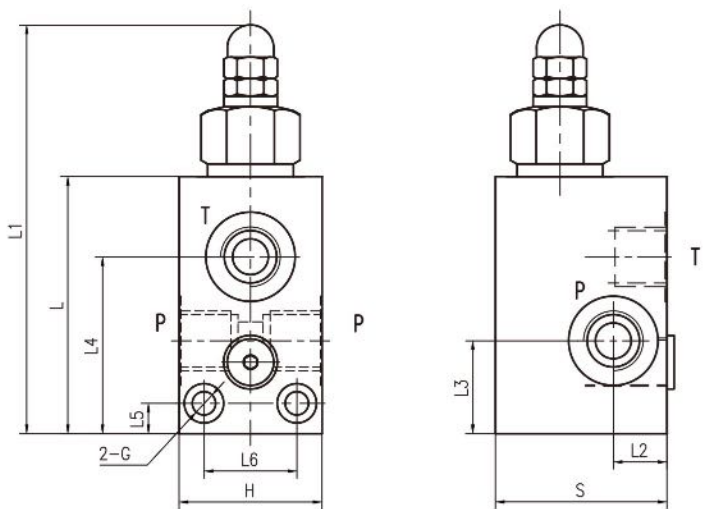
VMP RELIEF VALVE

MODEL	VMP 3/8	VMP 1/2	VMP 3/4
FLOW	45L/min	70L/min	90L/min
MAX PRESSURE	350bar		
APPLICABLE MEDIA	Hydraulic oil		
OIL VISCOCITY	10-200cSt		
OIL TEMPERATURE RANGE	-20°C-80°C		

FLOW-PRESSURE
LOSS CURVE



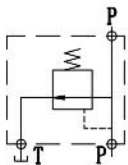
DRAWING



MODEL	P/T	L	L1	L2	L3	L4	L5	L6	G	H	S
VMP 3/8	G3/8	72	134	15	26	49.5	8.5	26	6.5	40	40
VMP 1/2	G1/2	77	139	17.5	29.5	54	8.5	30	6.5	45	45
VMP 3/4	G3/4	92	154	20	35	68	10	32	8.5	50	50



VMP L D5



MODEL

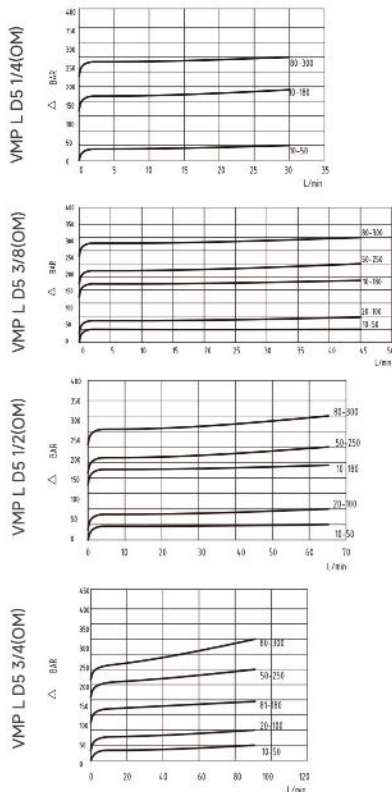
CONNECTION

VMP L D5 1/4

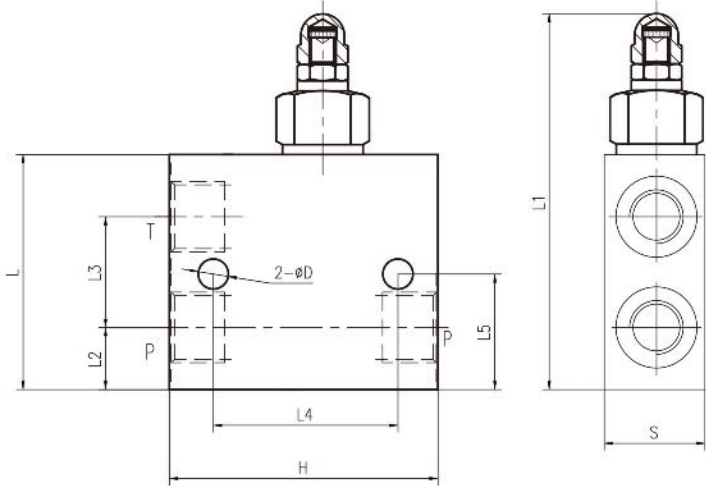
VMP L D5 RELIEF VALVE

MODEL	VMP L D5 1/4	VMP L D5 3/8	VMP L D5 1/2	VMP L D5 3/4
FLOW	30L/min	45L/min	70L/min	90L/min
MAX PRESSURE	350bar			
APPLICABLE MEDIA	Hydraulic oil			
OIL VISCOCITY	10-200cSt			
OIL TEMPERATURE RANGE	-20°C-80°C			

FLOW-PRESSURE
LOSS CURVE



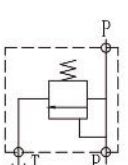
DRAWING



MODEL	P/T	D	L	L1	L2	L3	L4	L5	H	S
VMP L D5 1/4	G1/4	6.5	58	112	15	27	48	28	60	30
VMP L D5 3/8	G3/8	6.5	72	126	24	31	48	40	60	30
VMP L D5 1/2	G1/2	6.5	72	126	22	35	48	40	60	30
VMP L D5 3/4	G3/4	8.5	100	154	32	44	54	54	70	40



VMPP L D5



MODEL

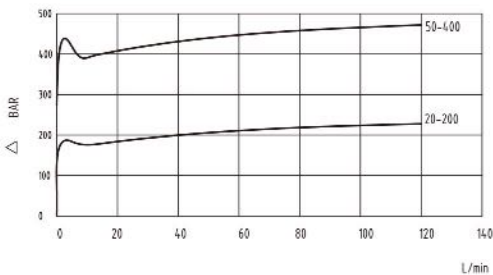
CONNECTION

VMPP L D5 3/4

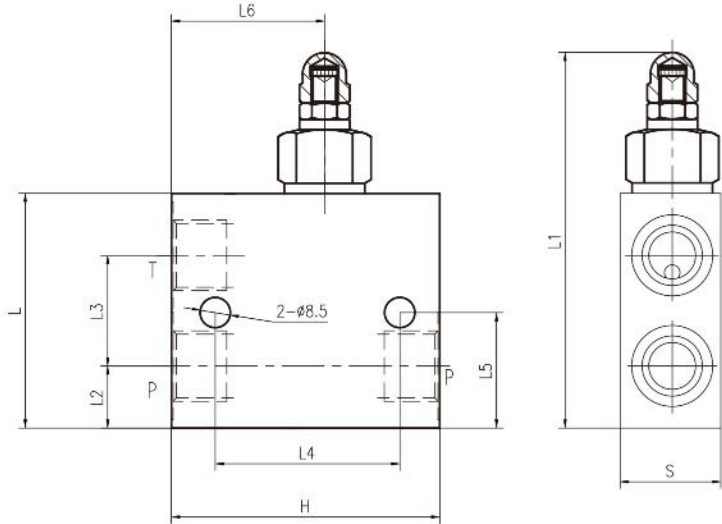
VMPP L D5(OM) RELIEF VALVE

MODEL	VMPP L D5 3/4
FLOW	120L/min
MAX PRESSURE	350bar
APPLICABLE MEDIA	Hydraulic oil
OIL VISCOCITY	10-200cSt
OIL TEMPERATURE RANGE	-20°C-80°C

FLOW-PRESSURE
LOSS CURVE



DRAWING



MODEL	P/T	L	L1	L2	L3	L4	L5	L6	H	S
VMPP L D5 3/4	G3/4	100	160	20	58	54	45	45	80	40



VMPP(OM)

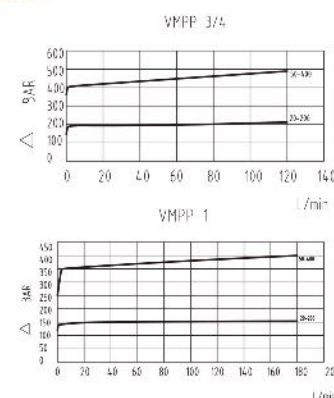
MODEL

CONNECTION
VMPP 3/4

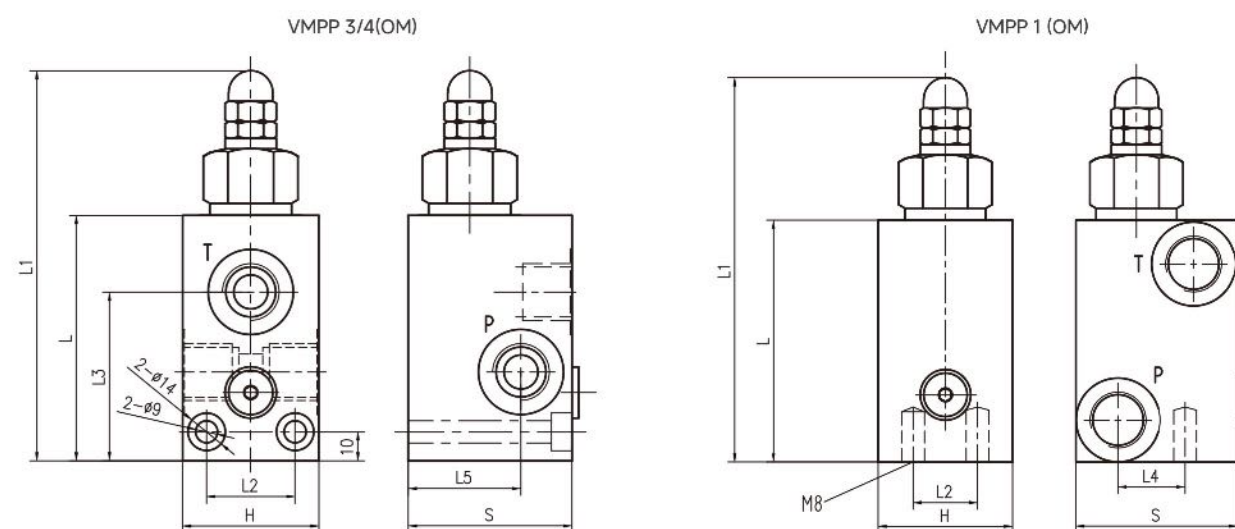
VMPP DIFFERENTIAL AREA RELIEF VALVE

MODEL	VMPP 3/4	VMPP 1
FLOW	120L/min	160L/min
MAX PRESSURE	350bar	
APPLICABLE MEDIA	Hydraulic oil	
OIL VISCOCITY	10-200cSt	
OIL TEMPERATURE RANGE	-20°C-80°C	

FLOW-PRESSURE LOSS CURVE



DRAWING



MODEL	P/T	L	L1	L2	L3	L4	L5	H	S
VMPP 3/4	G3/4	94	156	32	70	35	32	60	60
VMPP 1	G 1	94	156	30	71	34	23	60	80



VMP CETOP

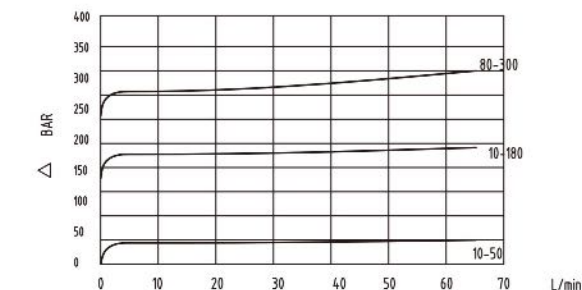
MODEL

PLATE TYPE CONNECTION
VMP NG6 CETOP 3
6 SIZE

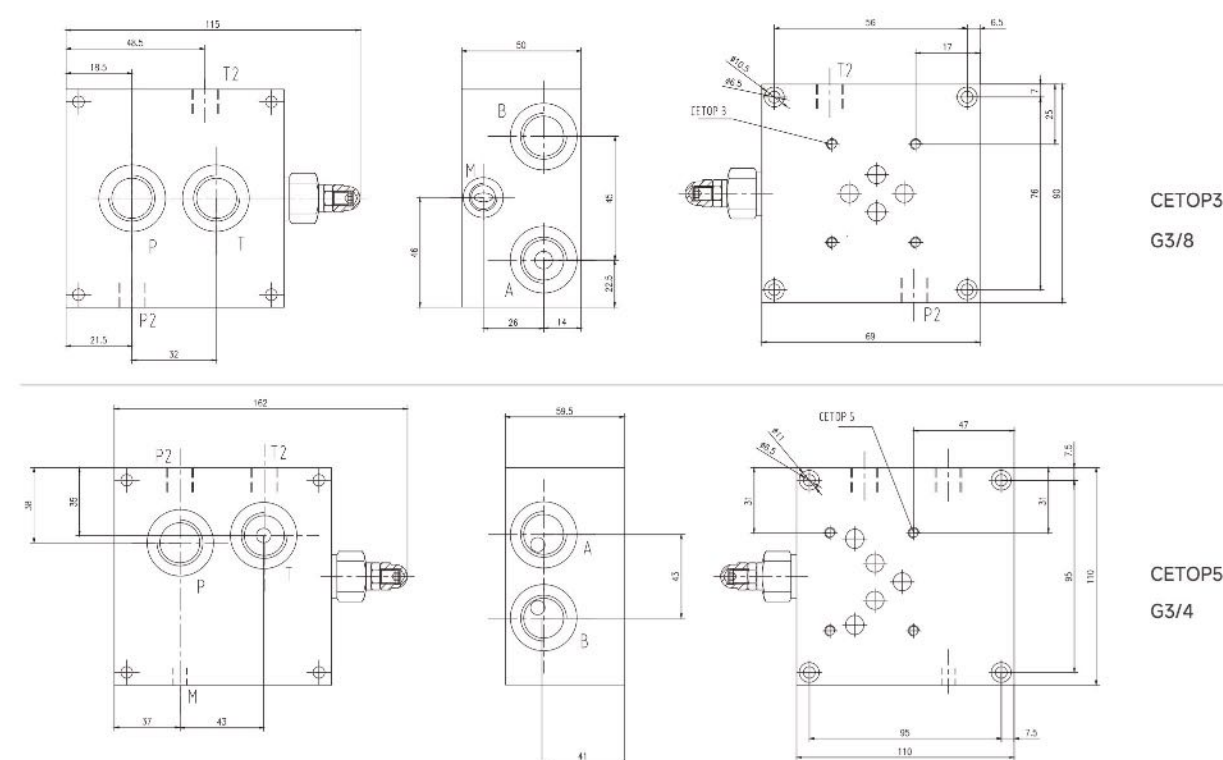
VMP CETOP SUBPLATES RELIEF

MODEL	VMP NG6 CETOP 3	VMP NG6 CETOP 5
FLOW	40L/min	100L/min
MAX PRESSURE	300bar	
APPLICABLE MEDIA	Hydraulic oil	
OIL VISCOCITY	10-200cSt	
OIL TEMPERATURE RANGE	-20°C-80°C	

FLOW-PRESSURE LOSS CURVE

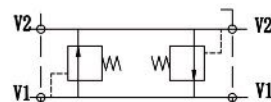


DRAWING





VAU



MODEL

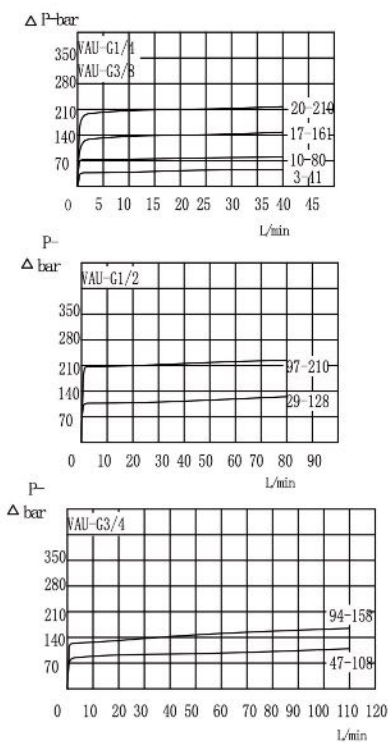
CONNECTION

VAU-G1/4

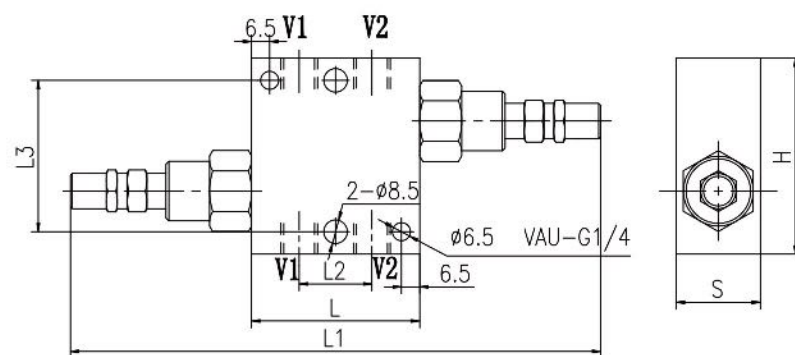
VAU DUAL CROSS RELIEF

MODEL	VAU-G1/4	VAU-G3/8	VAU-G1/2	VAU-G3/4
FLOW	45L/min	45L/min	90L/min	120L/min
MAX PRESSURE	350bar	350bar	350bar	320bar
APPLICABLE MEDIA	Hydraulic oil			
OIL VISCOCITY	10-200cst			
OIL TEMPERATURE RANGE	-20°C- +80°C			

FLOW-PRESSURE
LOSS CURVE



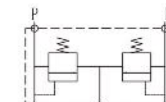
DRAWING



MODEL	V1/V2	L	L1	L2	L3	H	S
VAU-G1/4	G1/4	60	158	26	54	70	30
VAU-G3/8	G3/8	80	178	33	54	70	30
VAU-G1/2	G1/2	80	204	38	54	70	30
VAU-G3/4	G3/4	95	219	44	54	70	35



VMPD



MODEL

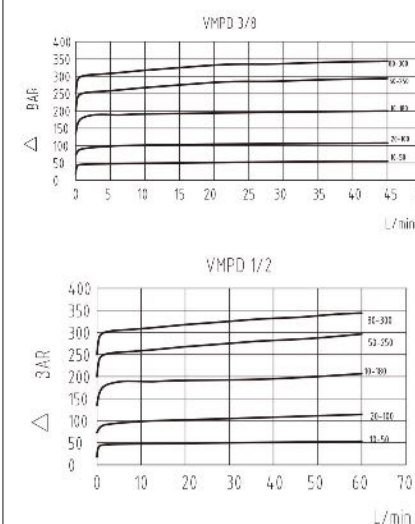
CONNECTION

VMPD 3/8

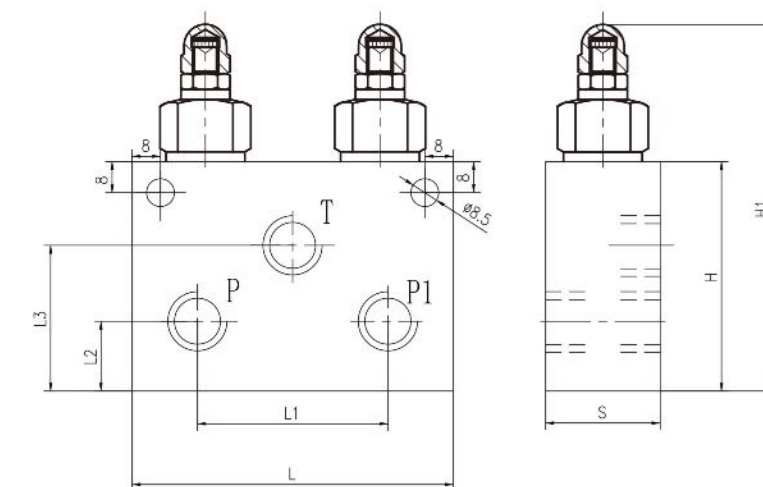
VMPD DUAL CROSS RELIEF

MODEL	VMPD 3/8	VMPD 1/2
FLOW	45L/min	70L/min
MAX PRESSURE	350bar	
APPLICABLE MEDIA	Hydraulic oil	
OIL VISCOCITY	10-200cSt	
OIL TEMPERATURE RANGE	-20°C-80°C	

FLOW-PRESSURE
LOSS CURVE



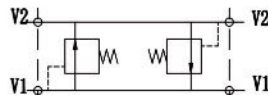
DRAWING



MODEL	P/P1/T	L	L1	L2	L3	H	H1	S
VMPD 3/8	G3/8	98	62	24	46	70	132	35
VMPD 1/2	G1/2	98	65	24	46	70	132	35



VAU



MODEL

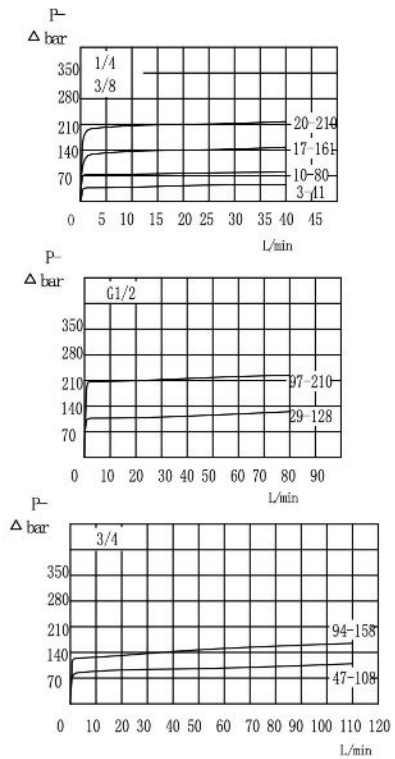
CONNECTION

VAU 1/4

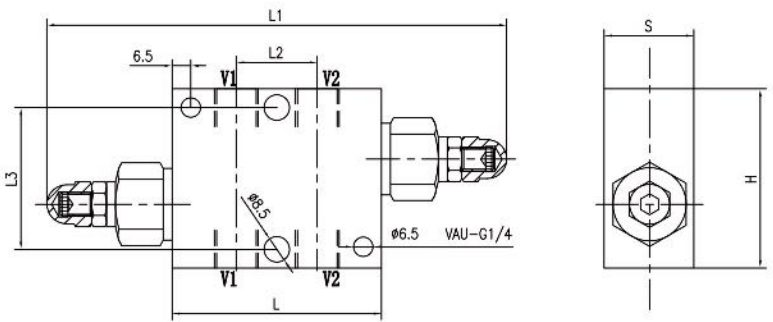
VAU DUAL CROSS RELIEF

MODEL	VAU 1/4	VAU 3/8	VAU 1/2	VAU 3/4
FLOW	30L/min	45L/min	70L/min	110L/min
MAX PRESSURE	350bar	350bar	350bar	320bar
APPLICABLE MEDIA	Hydraulic oil			
OIL VISCOCITY	10-200cst			
OIL TEMPERATURE RANGE	-20°C- +80°C			

FLOW-PRESSURE
LOSS CURVE



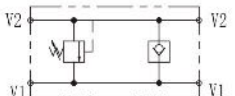
DRAWING



MODEL	V1/V2	L	L1	L2	L3	H	S
VAU 1/4	G1/4	60	156	26	54	70	30
VAU 3/8	G3/8	80	176	33	54	70	30
VAU 1/2	G1/2	80	200	38	54	70	30
VAU 3/4	G3/4	95	215	44	54	80	35



VAUAC



MODEL

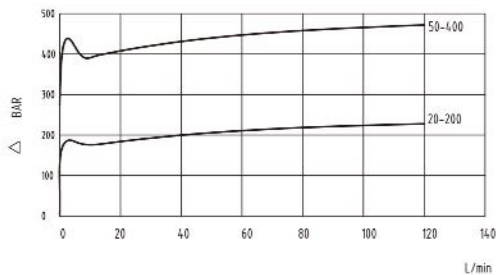
CONNECTION

VAUAC 1

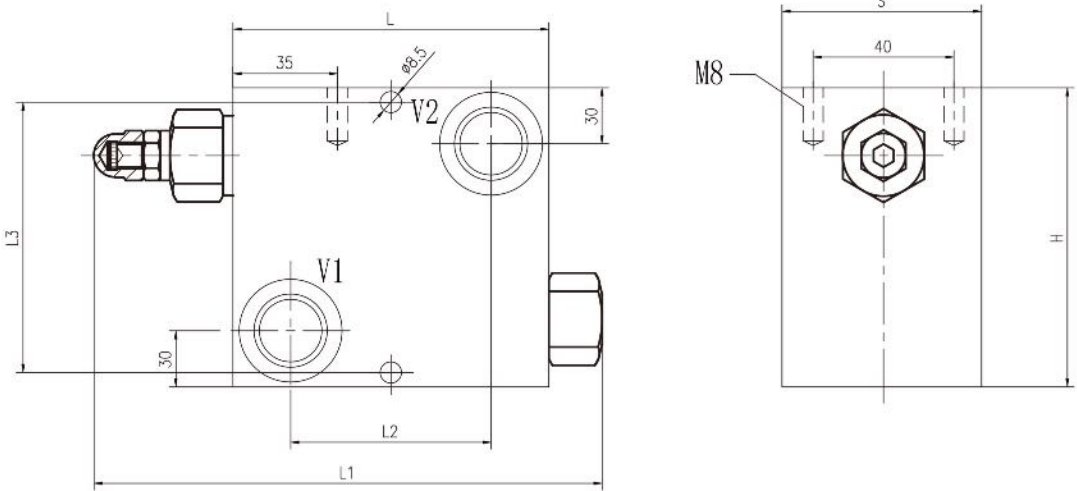
VAUAC DUAL CROSS RELIEF WITH ANTICAVITATION

MODEL	VAUAC 1
FLOW	160L/min
MAX PRESSURE	350bar
APPLICABLE MEDIA	Hydraulic oil
OIL VISCOCITY	10-200cSt
OIL TEMPERATURE RANGE	-20°C-80°C

FLOW-PRESSURE
LOSS CURVE



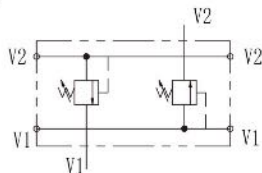
DRAWING



MODEL	V1/V2	L	L1	L2	L3	H	S
VAUAC 1	G1	95	164	46	75	90	60



VMPDI



MODEL

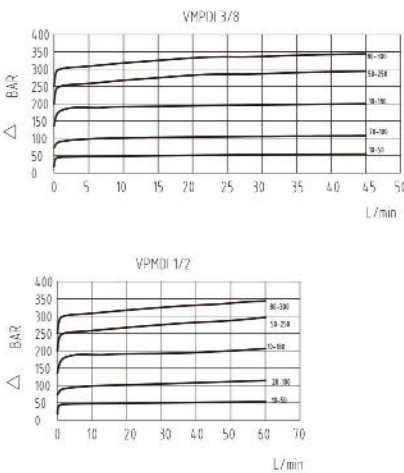
CONNECTION

VMPDI 3/8

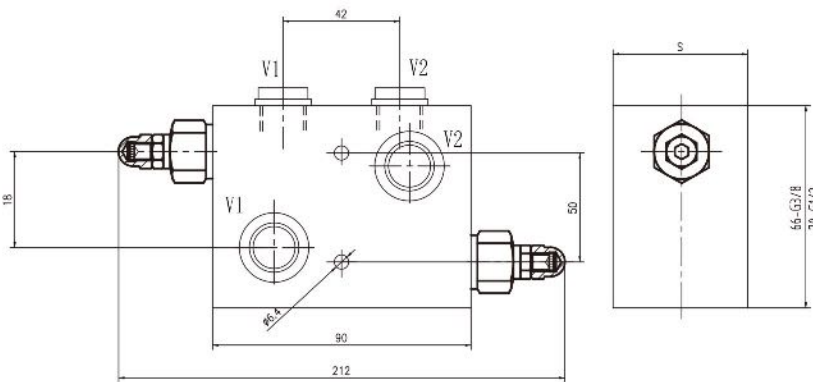
VMPDI DUAL CROSS RELIEF

MODEL	VMPDI 3/8	VMPDI 1/2
FLOW	45L/min	70L/min
MAX PRESSURE	350bar	
APPLICABLE MEDIA	Hydraulic oil	
OIL VISCOCITY	10-200cst	
OIL TEMPERATURE RANGE	-20°C- +80°C	

FLOW-PRESSURE
LOSS CURVE



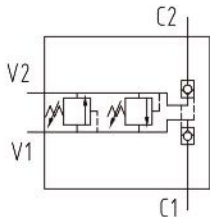
DRAWING



MODEL	V1/V2
VMPDI 3/8(OM)	G3/8
VMPDI 1/2(OM)	G1/2



VBLP



MODEL

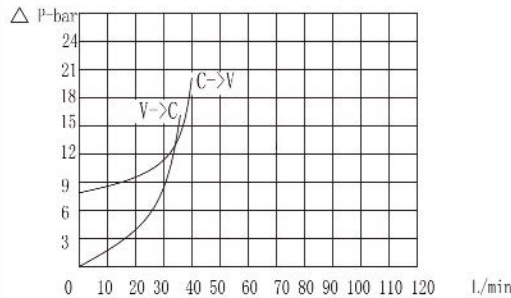
CONNECTION

VBLP 3/8

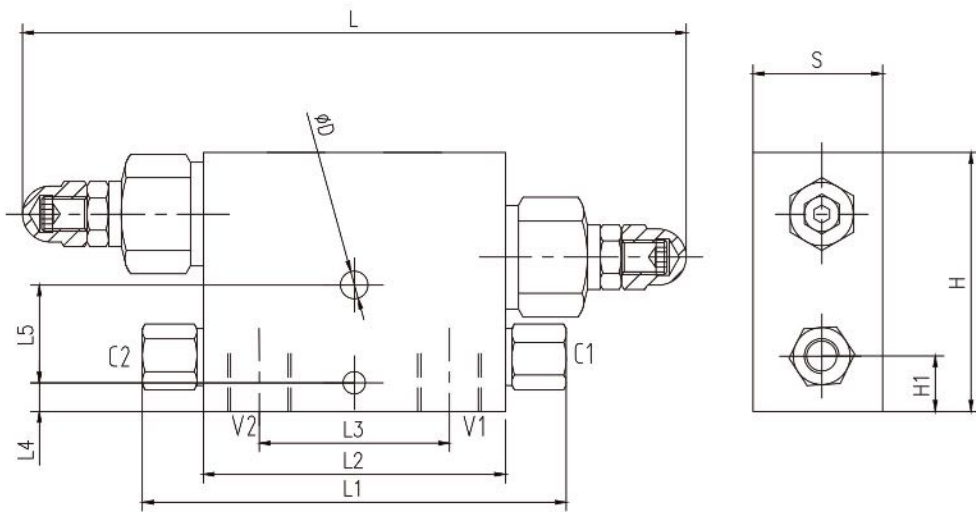
VBLP DUAL CROSS RELIEF WITH PILOT CHECK VALVES

MODEL	VBLP 3/8	VBLP 1/2	VBLP 3/4
FLOW	35L/min	70L/min	110L/min
MAX PRESSURE	350bar		
APPLICABLE MEDIA	Hydraulic oil		
OIL VISCOCITY	10-200cSt		
OIL TEMPERATURE RANGE	-20°C-80°C		

FLOW-PRESSURE
LOSS CURVE



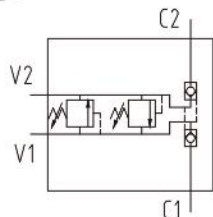
DRAWING



MODEL	V1/V2/C1/C2	L	L1	L2	L3	L4	L5	D	H	S
VBLP 3/8	G3/8	190	128	80	38	7	30	6.5	81	30
VBLP 1/2	G1/2	200	142	90	45	7	62	6.5	95	35
VBLP 3/4	G3/4	210	191	100	46	8	55	6.5	108	40



VBAU



MODEL

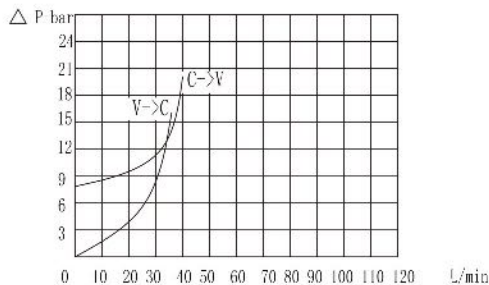
VBAU 3/8

CONNECTION

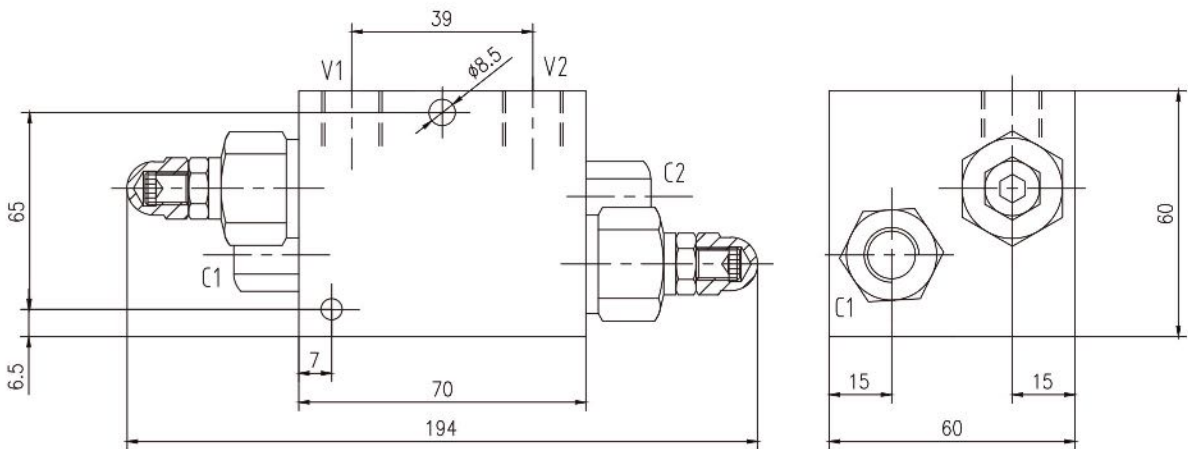
VBAU DUAL CROSS RELIEF WITH PILOT CHECK VALVES

MODEL	VBAU 3/8(OM)
FLOW	35L/min
MAX PRESSURE	350bar
APPLICABLE MEDIA	液压油
OIL VISCOSITY	10-200cSt
OIL TEMPERATURE RANGE	-20°C-80°C

FLOW-PRESSURE
LOSS CURVE



DRAWING



MODEL V1/V2/C1/C2
VBAU 3/8 G3/8

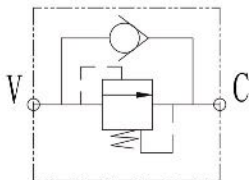


VSQ20
SEQUENCE VALVE

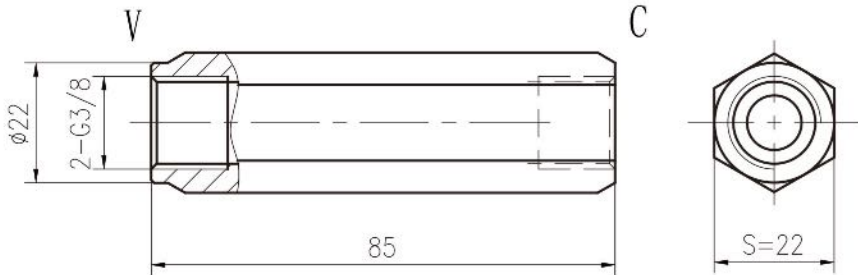


FLOW	50L/min
MAX PRESSURE	350bar
SETTING PRESSURE	According to the customer

SYMBOL



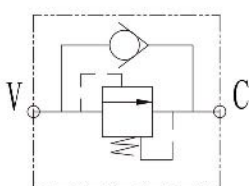
DRAWING



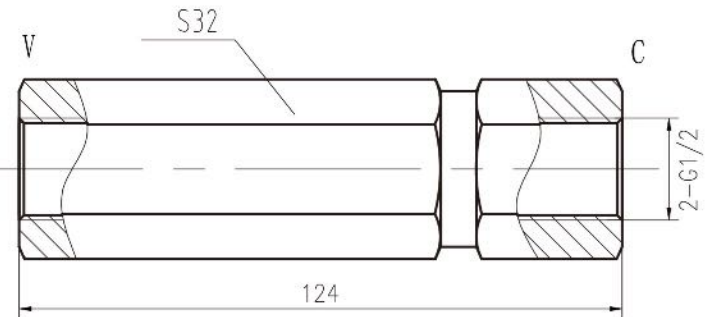
VSQ30
SEQUENCE VALVE

FLOW	80L/min
MAX PRESSURE	350bar
SETTING PRESSURE	According to the customer's requirements

SYMBOL



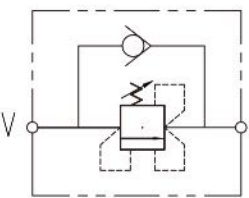
DRAWING



VSBS 3/4
SEQUENCE VALVE

FLOW	120L/min
MAX PRESSURE	350bar
SETTING PRESSURE	According to the customer's requirements

SYMBOL



DRAWING

