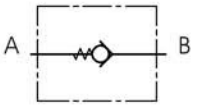
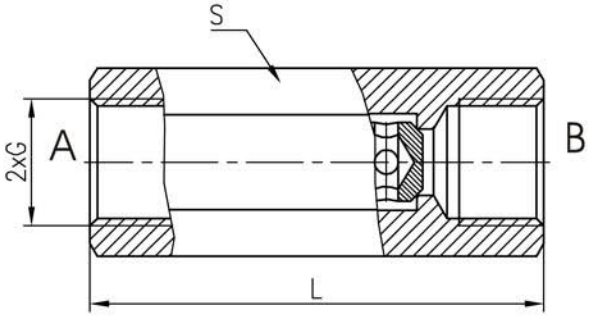
CHECK VALVE

KO- ..





Type	Q_{max}	$P_{max.}$	Opening pressure of the check valve	L	S	2xG
	L/ min	*bar*	*bar*	*mm*	*mm*	
KO-14	25	320	0,5	60	19	G1/ 4"
KO-38	25		0,5	60	24	G3/ 8"
KO-12	40		0,3	75	27	G1/ 2"

All performances and calibration are carried out by using hydraulic oil with viscosity approx. 46 cSt at 50 °C
Temperature range: -20°C...+80°C
Filtration absolute: 63 µm

ORDERING CODE

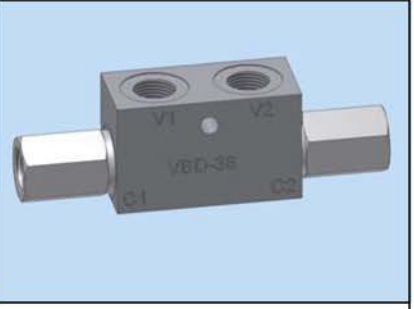
KO-14

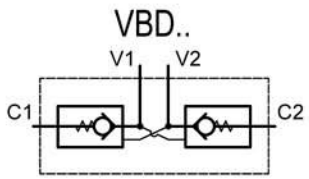
Type

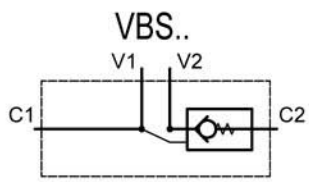
Port threads G:**14,38,12**

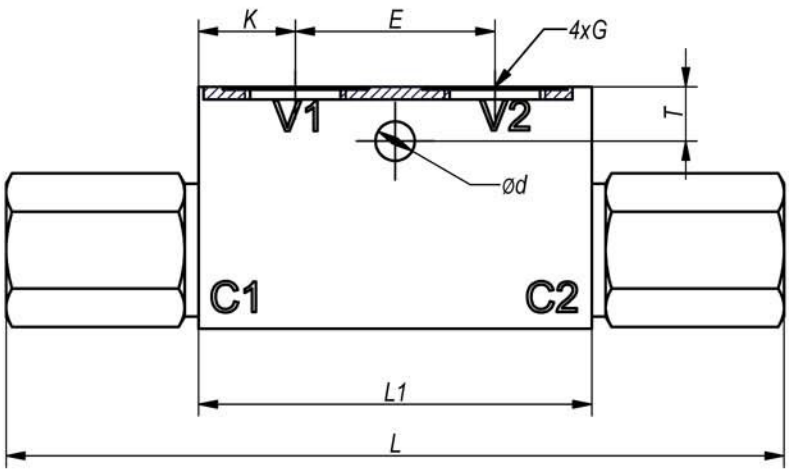
DUAL OR SINGLE PILOT OPERATED CHECK VALVE

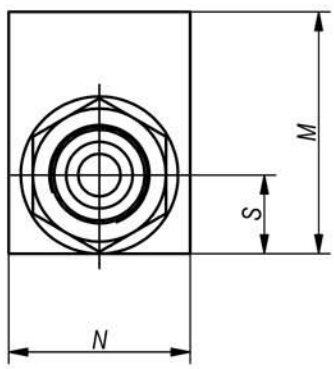
VBD .. and VBS ..











Type	P max.	Q max.	Pilot ratio	G	L	L1	M	N	S	T	d	K	E
	bar.	*L/min*		*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*mm*	*mm*
VBD-14(VBS-14)	350	25	4:1	G 1/4	129	65	40	30	13	9	6,5	16	33
VBD-38(VBS-38)		35	4:1	G 3/8	129	65	40	30	13	12	6,5	16	33
VBD-12(VBS-12)		50	4:1	G 1/3	163	79	50	35	16	15	6,5	20,5	38
VBD-34(VBS-34)		100	4,6:1	G 3/4	185	100	60	40	21	15	8,5	25	50

All performances and calibration are carried out by using hydraulic oil with viscosity approx 46 cSt at 50 °C
Temperature range -20...+80 °C

Filtration absolute 25 μm

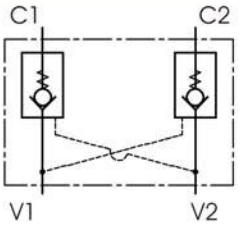
ORDERING CODE

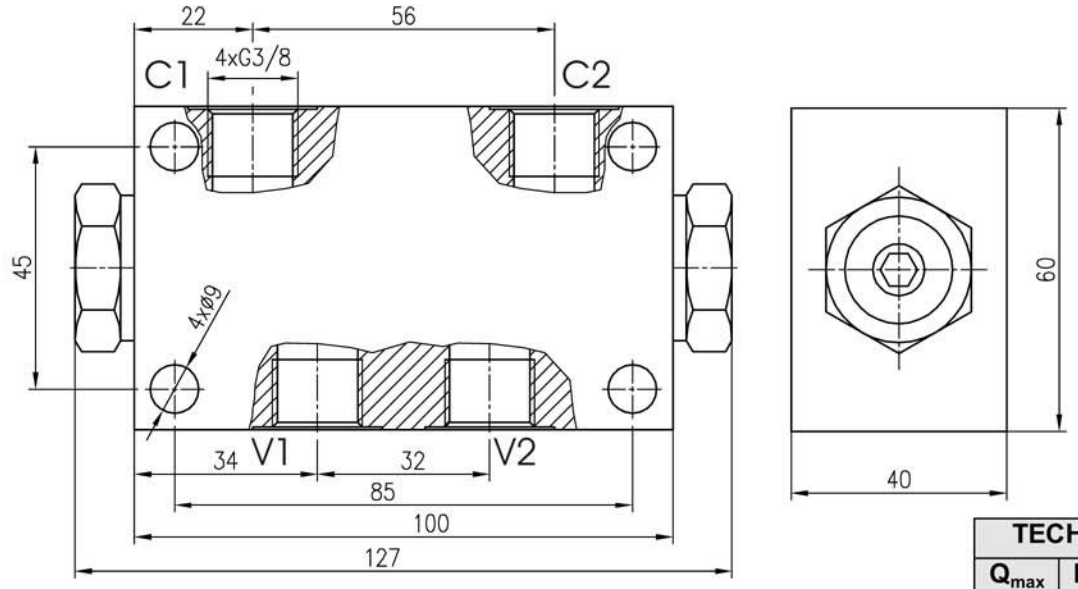
VBD - 14

Type	Port threads code: **14 , 38 , 12 , 34**

DUAL PILOT OPERATED CHECK VALVE

BP2/10-38



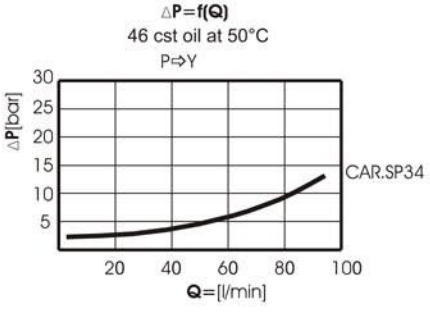


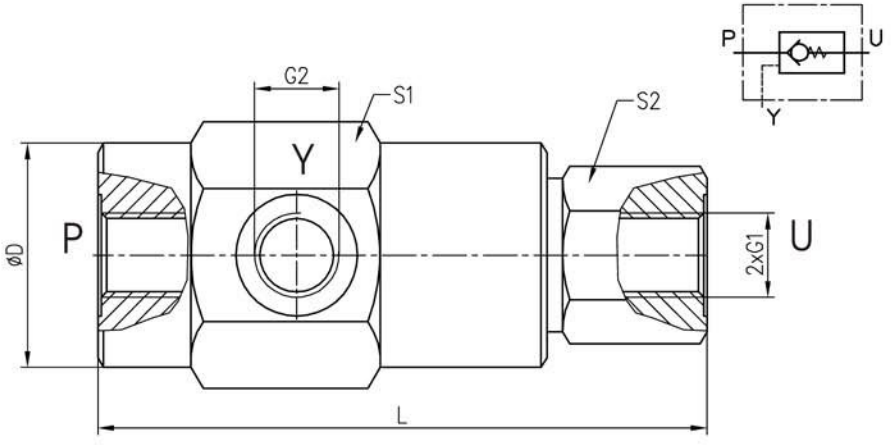
TECHNICAL DATA		
Q_{max}	$P_{max.}$	Pilot ratio
L/ min	*bar*	
30	350	5:1

All performances and calibrations are carried out by using hydraulic oil with viscosity Approx. 46 cSt at 50 °C Temperature range:-20 °C...+80 °C. Filtration absolute: 25 µm

PILOT OPERATED CHECK VALVES, EXTERNAL PILOT OPERATED TYPE, SINGLE ACTING LINE MOUNTING

CAR.SP ..



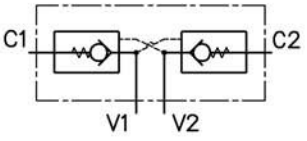


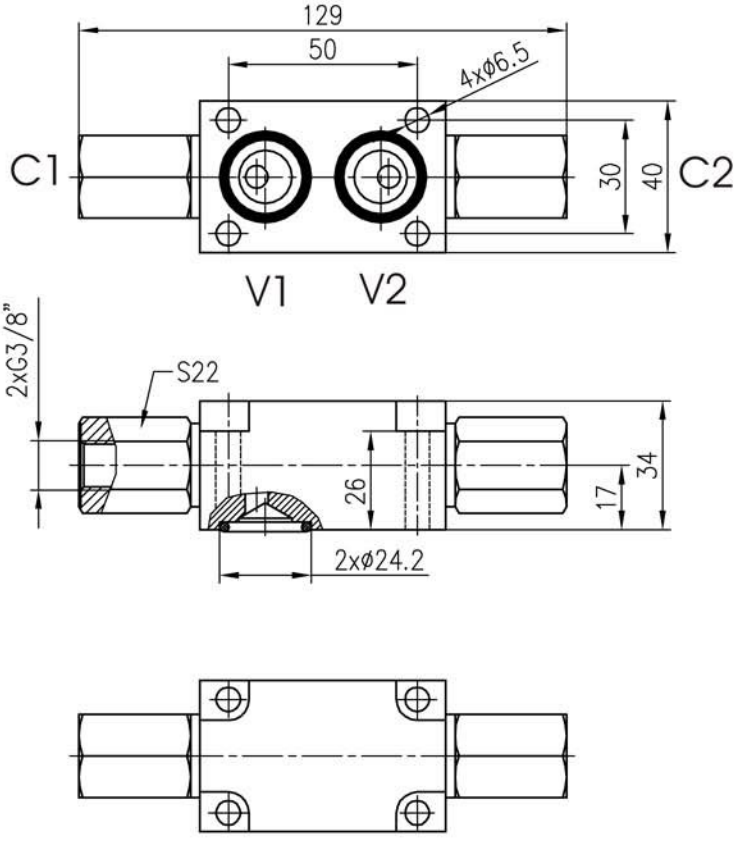
Type	Q_{max}	$P_{max.}$	Pilot ratio	$G1_{60}$	G2	S1	S2	D	L
	L/ min	*bar*				*mm*	*mm*	*mm*	*mm*
CAR.SP14	15	400	3.1:1	G1/ 4	G1/ 4	36	24	35	95
CAR.SP38	30		3.5:1	G3/ 8		41	32	40	105
CAR.SP12	45	350	2.8:1	G1/ 2		46	36	45	115
CAR.SP34	80		3.4:1	G3/ 4		55	41	54	135

All performances and calibrations are carried out by using hydraulic oil with viscosity approx. 46 cSt at 50 °C.
Temperature range:-20 °C...+80 °C.
Filtration absolute: 25 µm

DUAL PILOT OPERATED CHECK VALVE

VBD-R-38



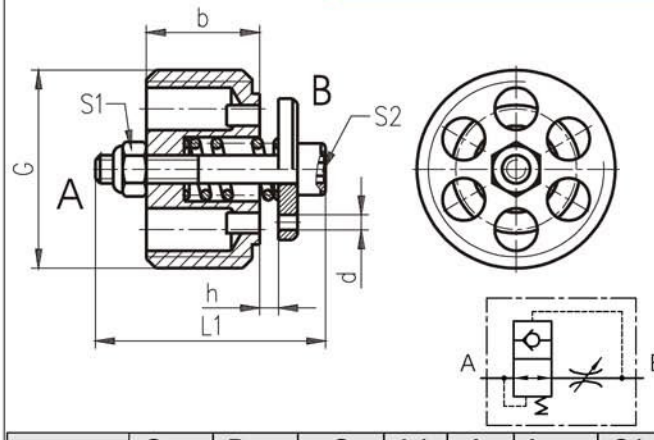


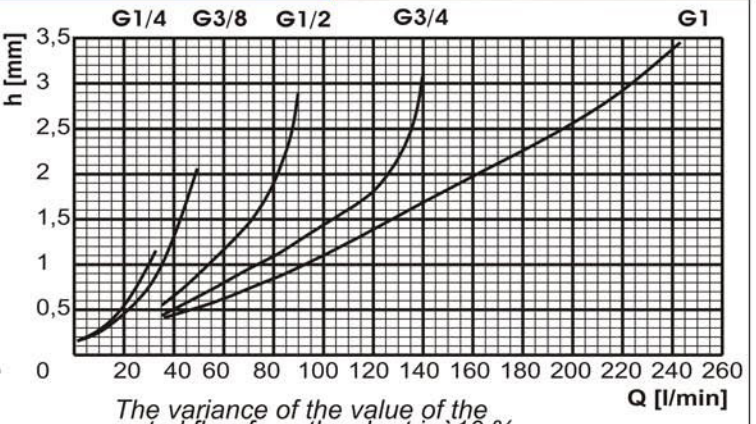
TECHNICAL DATA		
Maximal pressure	*bar*	350
Nominal flow rate	*L/ min*	35
Pilot ratio		4:1

All performances and calibration are carried out by using hydraulic oil with viscosity approx. 46 cSt at 50 °C
Temperature range: -20 °C...+80 °C.
Filtration absolute: 25µm

LINE RUPTURE PROTECTION VALVE

KA .. ..





The variance of the value of the reported flow from the chart is `10 %

Type	Q_{max}	$P_{max.}$	G	L1	b	$h_{max.}$	S1	S2
	L/ min	*bar*		*mm*	*mm*	*mm*	*mm*	*mm*
KA .. 14	35	350	G ¼"	19	8.7	1.2	5.5	2.5
KA .. 38	55		G3/ 8"	25	12	2		
KA .. 12	110		G ½"	25	12	2.5		
KA .. 34	160		G ¾"	34	16.5	2.8	7	3
KA .. 1	260		G1"	34	18.5	3.5		

The valve screws to end of the thread in the body. At mounting the side "B"- to internal part of cylinder. Required flow rate Q cl. Is adjusted - by clearance"h"
All performances and calibration are carried out by using hydraulic oil with viscosity approx. 46 cSt at 50°C
Temperature range: -20 °C...+80 °C.
Filtration absolute 63 µm.

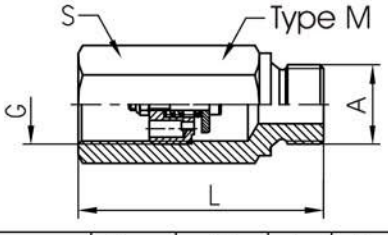
ORDERING CODE

KA 10 14 0.6

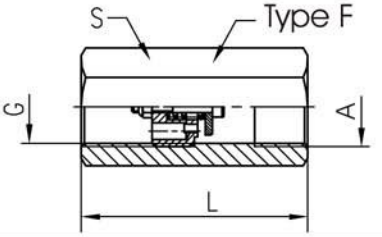
- KA — Type
- 10 — Operating flow rate Q (l/min)
- 14 — Threads G :**14,38,12,34**
- 0.6 — Diameter d [mm] : **...**; Without hole : **Omit**

BODY FOR LINE RUPTURE PROTECTION VALVE

KA .. .. / .. ..



Type	$P_{max.}$	G	L	S	A
	bar		*mm*	*mm*	
KA .. 14M..	350	G ¼"	50	19	G¼"
KA .. 38M..		G 3/ 8"	58	22	G 3/ 8"
KA .. 12M..		G ½"	65	27	G ½"
KA .. 34M..		G ¾"	78	36	G ¾" M22x1.5



Type	$P_{max.}$	G	L	S	A
	bar		*mm*	*mm*	
KA ..14/ F..	350	G ¼"	48	19	G ¼"
KA ..38/ F..		G3/ 8"	52	22	G3/ 8"
KA ..12/ F..		G ½"	60	27	G ½"
KA ..34/ F..		G ¾"	72	36	G ¾" M22x1.5

ORDERING CODE

KA 20 14 / F 14

- KA — Type
- 20 — Operating flow rate Q (l/min)
- 14 — Threads G :**14,38,12,34**
- F — Type :**M,F**
- 14 — Threads A :**14,38,12,34**