



502 SERIES VPC

BSP



Designed to act in case of hose breakage.
Block/Control charge's descent avoiding a sharp-fall pressure on the circuit.
BSP Threads, others available upon request.

• Materials

Carbon Steel EN -10277-3 / AISI 316L
Springs: Carbon Steel DIN 17233/84(B)

• Sectors: Industrial

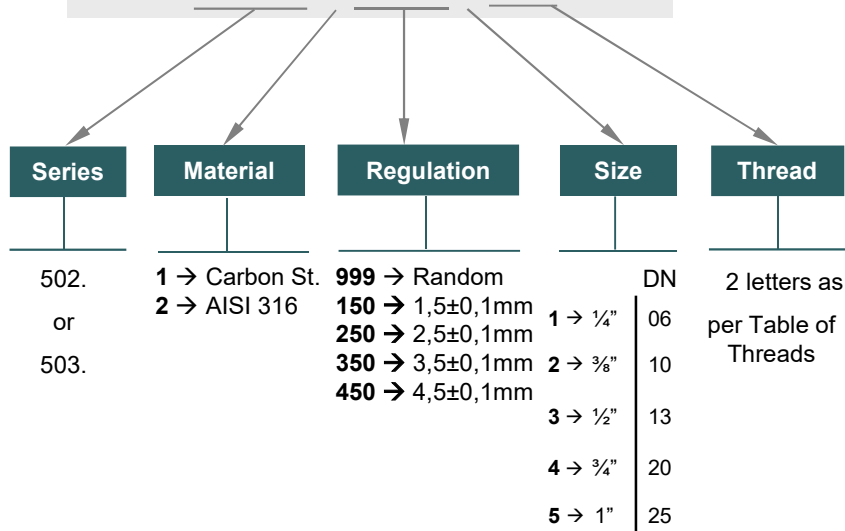


- **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC Hammer Application

MODEL STRUCTURE

Example:

502.19992AN



• Random regulation for VPC (999) although it is possible to regulate them upon request.

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VPC BSP

BSP

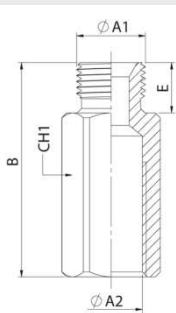
OPERATION:

In normal position the disc is driven by the spring allowing fluid passage from Z to Z1.

In normal conditions, the fluid returns also free to tank from Z1 to Z.

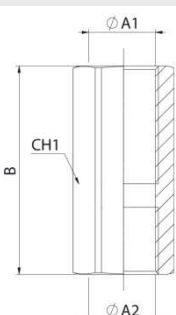
When the fluid passage increases from Z1 to Z, and the reaction flow exceeds, the disc blocks the return to tank, preventing uncontrolled descent.

The user can adjust the reaction flow (T), according to specific needs of this safety valve.



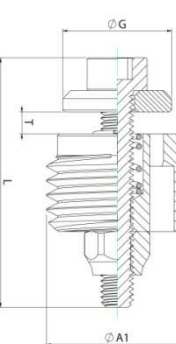
BODY M - F

DN	ØA1	ØA2	REF.	CH1	B	E	
06	1/4" BSP M.	1/4" BSP	502.19991AM	19	50	12	350Bar
10	3/8" BSP M.	3/8" BSP	502.19992AN	22	59	13	
13	1/2" BSP M.	1/2" BSP	502.19993AO	27	65	15	
20	3/4" BSP M.	3/4" BSP	502.19994AP	36	78	16	
25	1" BSP M.	1" BSP	502.19995AQ	41	92	18	



BODY F - F

DN	ØA1	ØA2	REF.	CH1	B	
06	1/4" BSP	1/4" BSP	502.19991AB	19	48	350Bar
10	3/8" BSP	3/8" BSP	502.19992AC	22	59	
13	1/2" BSP	1/2" BSP	502.19993AD	27	62	
20	3/4" BSP	3/4" BSP	502.19994AE	36	72	
25	1" BSP	1" BSP	502.19995AF	41	86	



CARTRIDGE

DN	ØA1	REF.	ØG	L	
06	1/4" BSP	503.19991AM	10	23	350Bar
10	3/8" BSP	503.19992AN	13.80	23	
13	1/2" BSP	503.19993AO	16	34	
20	3/4" BSP	503.19994AP	20	34	
25	1" BSP	503.19995AQ	24	43	

★SPECIAL OPTIONS:

A hole for depressurization on the VPC valve can be delivered for minimum quantities upon request.

Adding a three number code at the end of the reference depending on the diameter of the hole.

Examples:

Ø6 mm → 060

Ø10 mm → 100

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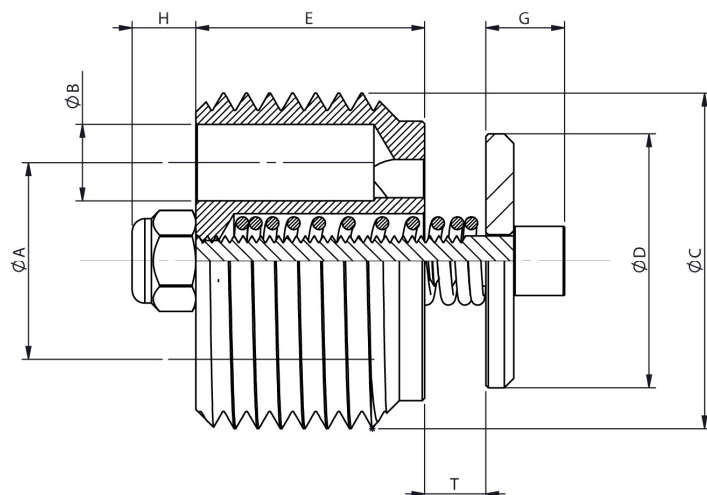


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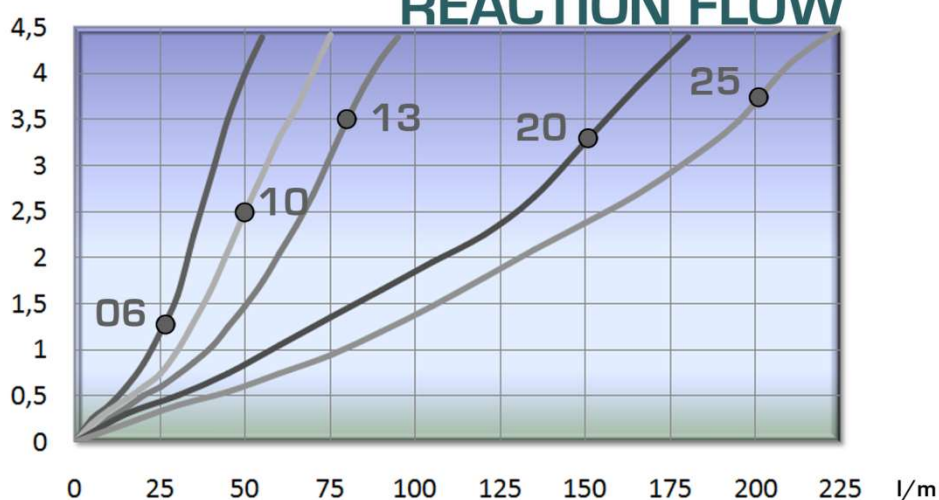
BSP

REACTION FLOW



DN	Max. Flow Rate	Max. Pressure	A mm	B mm	C BSP	D mm	E mm	T mm	G mm	H mm
06	25 LPM	350 BAR	8.2	2.25	1/4"	10	9	See diagram below	5	4
10	50 LPM	350 BAR	11	3	3/8"	13.8	11		5	4
13	80 LPM	350 BAR	12	4.5	1/2"	16	13		5	5
20	150 LPM	350 BAR	15.5	6	3/4"	20	18		6.2	5
25	200 LPM	350 BAR	20	7	1"	24	21		7.5	5

Setting 'T' (mm)



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INTEVA S.A. Reserves the right to make modifications in its products without prior notice
Any disassembly of our couplings / valves and other products will automatically void the warranty.

