



504 SERIES ATR

CARBON STEEL / AISI 316
BSP / NPTF



Designed to avoid returns of the fluid inside the hydraulic circuit.
Metal closing system (without o-ring)
High pressure peak resistance.
Standard opening pressure 5psi. Special opening pressures available upon request.

• Materials

	CARBON STEEL	STAINLESS STEEL
Body	Carbon Steel EN-10277-3	AISI 316L
Seals	NBR, Viton or EPDM	NBR, Viton or EPDM
Springs	Carbon Steel DIN 17233/84(B)	AISI302 DIN 17224

• Working temperature (Seals)

	NBR	Viton	EPDM
+	+100°C	+200°C	+150°C
-	-30°C	-10°C	-40°C

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

• Equivalence:

GROMELLE 4000 DMIC CVH
PARKER DC SNAP TITE CPIFF

• Sectors

Carbon Steel → Agricultural, Industrial.



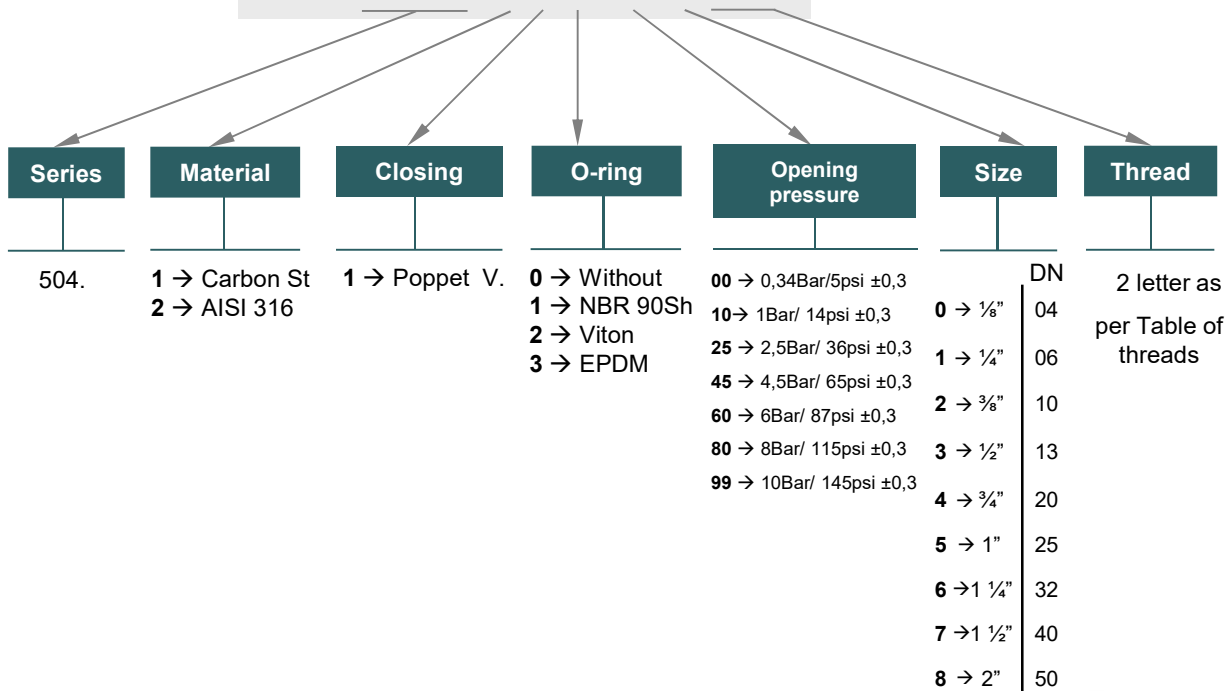
Stainless Steel → Chemical, Industrial, Offshore.



MODEL STRUCTURE

Example:

504. 110006 AG



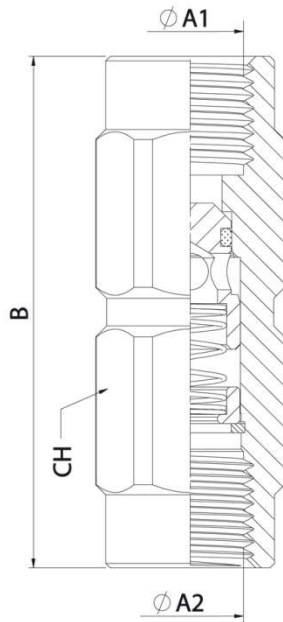
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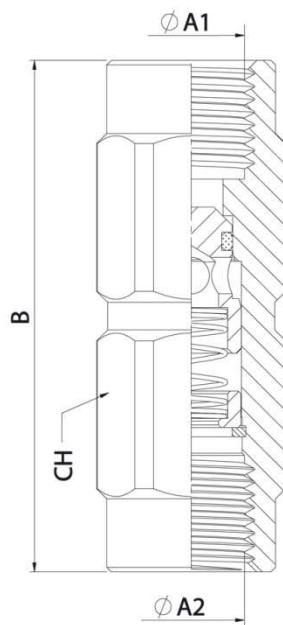
ATR

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STANDARD CARBON STEEL MODELS

DN	ØA1/ ØA2	REF.		CH	B
04	1/8" BSP	504.110000AA	300Bar	14	44
	1/8" NPTF	504.110000BA			
06	1/4" BSP	504.110001AB		19	56
	1/4" NPTF	504.110001BB			
10	3/8" BSP	504.110002AC		22	70
	3/8" NPTF	504.110002BC			
13	1/2" BSP	504.110003AD		30	77
	1/2" NPTF	504.110003BD			
20	3/4" BSP	504.110004AE		36	90
	3/4" NPTF	504.110004BE			
25	1" BSP	504.110005AF		46	106
	1" NPTF	504.110005BF			
32	1 1/4" BSP	504.110006AG	55	125	
	1 1/4" NPTF	504.110006BG			
40	1 1/2" BSP	504.110007AH	60	140	
	1 1/2" NPTF	504.110007BH			
50	2" BSP	504.110008AI	75	160	
	2" NPTF	504.110008BI			



STANDARD STAINLESS STEEL MODELS

DN	ØA1/ ØA2	REF.		CH	B
04	1/8" BSP	504.210000AA	300Bar	14	44
	1/8" NPTF	504.210000BA			
06	1/4" BSP	504.210001AB		19	56
	1/4" NPTF	504.210001BB			
10	3/8" BSP	504.210002AC		22	70
	3/8" NPTF	504.210002BC			
13	1/2" BSP	504.210003AD		30	77
	1/2" NPTF	504.210003BD			
20	3/4" BSP	504.210004AE		36	90
	3/4" NPTF	504.210004BE			
25	1" BSP	504.210005AF		46	106
	1" NPTF	504.210005BF			
32	1 1/4" BSP	504.210006AG	55	125	
	1 1/4" NPTF	504.210006BG			
40	1 1/2" BSP	504.210007AH	60	140	
	1 1/2" NPTF	504.210007BH			
50	2" BSP	504.210008AI	75	160	
	2" NPTF	504.210008BI			

★SPECIAL OPTIONS:

ATR Check Valves that require special opening pressures can be delivered upon request by minimum quantities.



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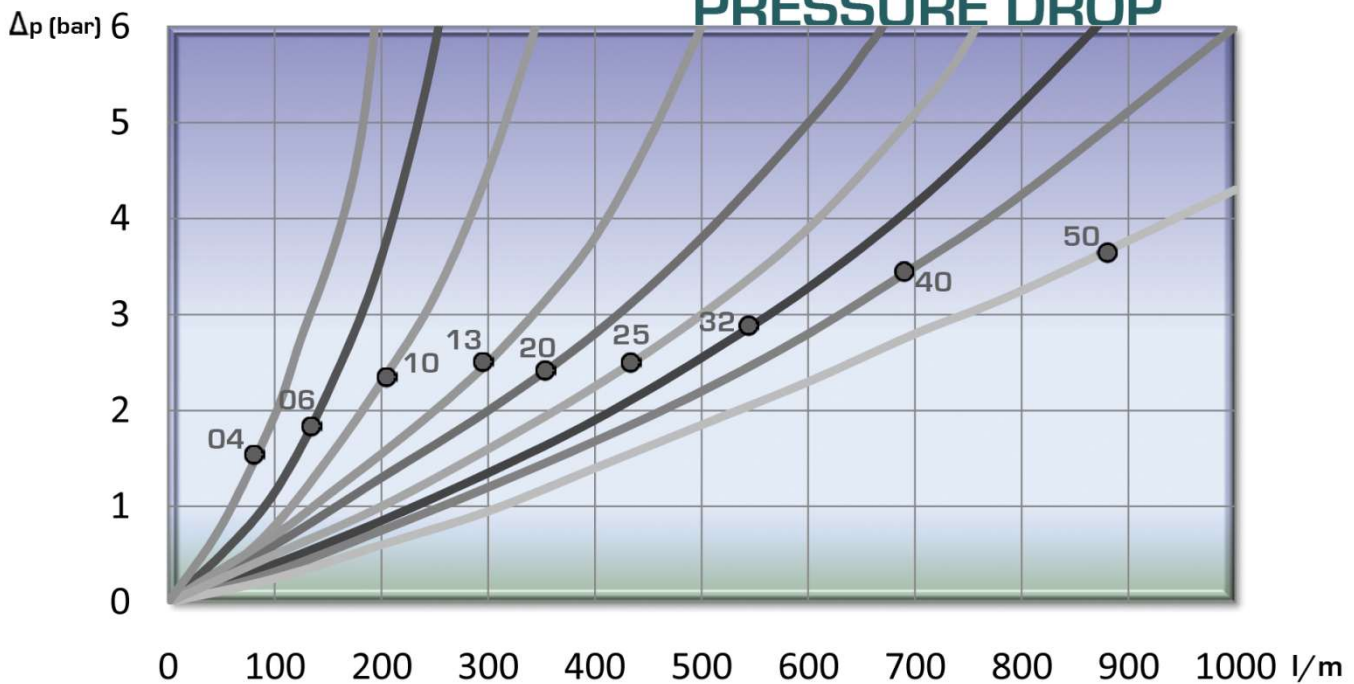


TECHNICAL DATA

DN	Max. Rated Flow	Max. Working Pressure*	Min Burst Pressure (bar)
	l/m / GPM	Bar / psi	Bar / psi
04	8 / 2.11	300 / 4350	1200 / 17400
06	26 / 6.87	300 / 4350	1200 / 17400
10	44 / 11.6	300 / 4350	1200 / 17400
13	90 / 23.85	300 / 4350	1200 / 17400
20	152 / 40.2	300 / 4350	1200 / 17400
25	200 / 52.8	300 / 4350	1200 / 17400
32	370 / 97.8	300 / 4350	1200 / 17400
40	598 / 158	300 / 4350	1200 / 17400
50	875 / 231	200 / 2900	800 / 11600

Test performed according to ISO 18869

PRESSURE DROP



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