



505 SERIES ATR

BSP
M - F



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 EN10277-3 / Inox AISI 316L

Springs: Carbon Steel DIN 17233/84(B)

O-rings: NBR, Viton or EPDM

- **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

• Working temperature (Seals)

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

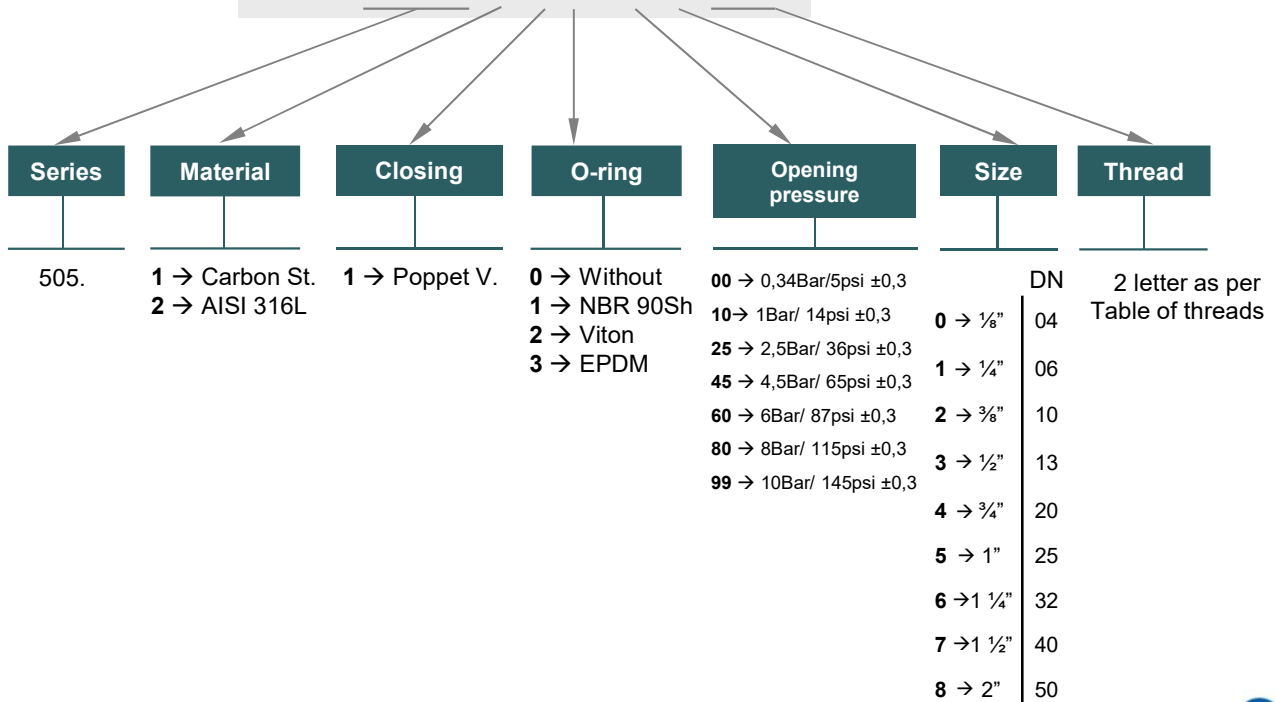
- **Sectors:** Agricultural, Industrial.



MODEL STRUCTURE

Example:

505. 210008 BI



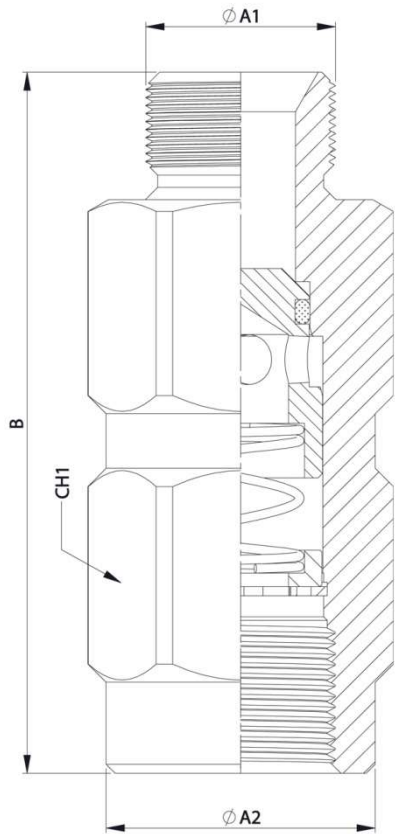
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STANDARD MODELS

DN	ØA1	ØA2	REF.		CH1	B
04	1/8" BSP M.	1/8" BSP	505.110000AL	300Bar	14	44
06	1/4" BSP M.	1/4" BSP	505.110001AM		19	56
10	3/8" BSP M.	3/8" BSP	505.110002AN		22	70
13	1/2" BSP M.	1/2" BSP	505.110003AO		30	77
20	3/4" BSP M.	3/4" BSP	505.110004AP		36	90
25	1" BSP M.	1" BSP	505.110005AQ		46	106
32	1 1/4" BSP M.	1 1/4" BSP	505.110006AR	55	125	
40	1 1/2" BSP M.	1 1/2" BSP	505.110007AS	60	140	
50	2" BSP M.	2" BSP	505.110008AT	200Bar	75	160

★SPECIAL OPTIONS:

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



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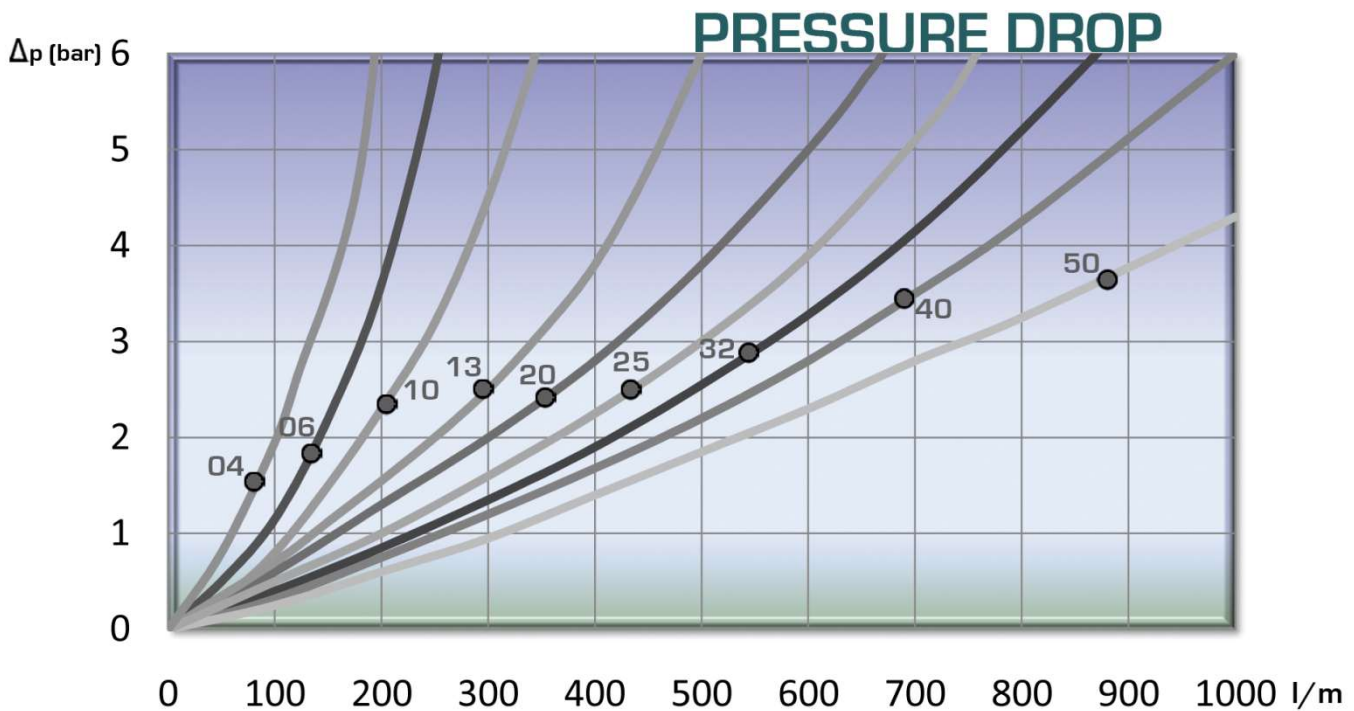
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TECHNICAL DATA

DN	Max. Rated Flow	Working Pressure	Max. Working Pressure*
	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



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