



Pressure Sustaining Valve in Stainless Steel

- Stainless Steel Body
- Direct Acting
- Gauge Included
- 1- 5 Bar or 4 -10 Bar Pressure Range
- ½" - 2" Screwed BSP
- Suitable for Temperatures -15°C to 80°C
- Max inlet 25 Bar

> Description

The Type PR4513 Pressure sustaining or back pressure valve is Direct Acting, all stainless steel construction. Available in two choices of back pressure adjustment : 1 – 5 or 4 – 10 Bar and is displayed by a stainless steel pressure gauge, which is included. The maximum inlet pressure is 25 bar with a test pressure of 35 bar. Seals are offered as options in NBR, Viton and EPDM for media of air, water, pure water, light oils and other fluids under 40 centistokes and gases compatible with the appropriate seals. Port connections are in BSP (NPT Option on request) in sizes ranging from ½" up to 2".

Information

Sustaining or back pressure valves are designed to maintain a pre set back pressure in a system (inlet or upstream pressure). This valve ensures pressures do not fall below the set range and maintain critical systems upstream.

Max. Inlet 25 Bar, Test 35 Bar
Adjustment Range Pressure

- 1 - 5 Bar
- 4 - 10 Bar



Description

The PR4513 is a direct acting pressure sustaining valve used to maintain a pre set back pressure in a system. Sized from ½" to 2" this stainless steel valve offers multi option choices over range and seal material. Supplied with stainless steel pressure gauge and offering economy and reliability.



Beschreibung

Das PR4513 ist ein direkt wirkendes Druckhalteventil zur Aufrechterhaltung eines voreingestellten Gegendrucks in einem System. Dieses Edelstahlventil hat eine Größe von ½" bis 2" und bietet vielfältige Auswahlmöglichkeiten hinsichtlich des Bereichs und des Dichtungsmaterials. Wird mit Edelstahlmanometer geliefert und bietet Wirtschaftlichkeit und Zuverlässigkeit.



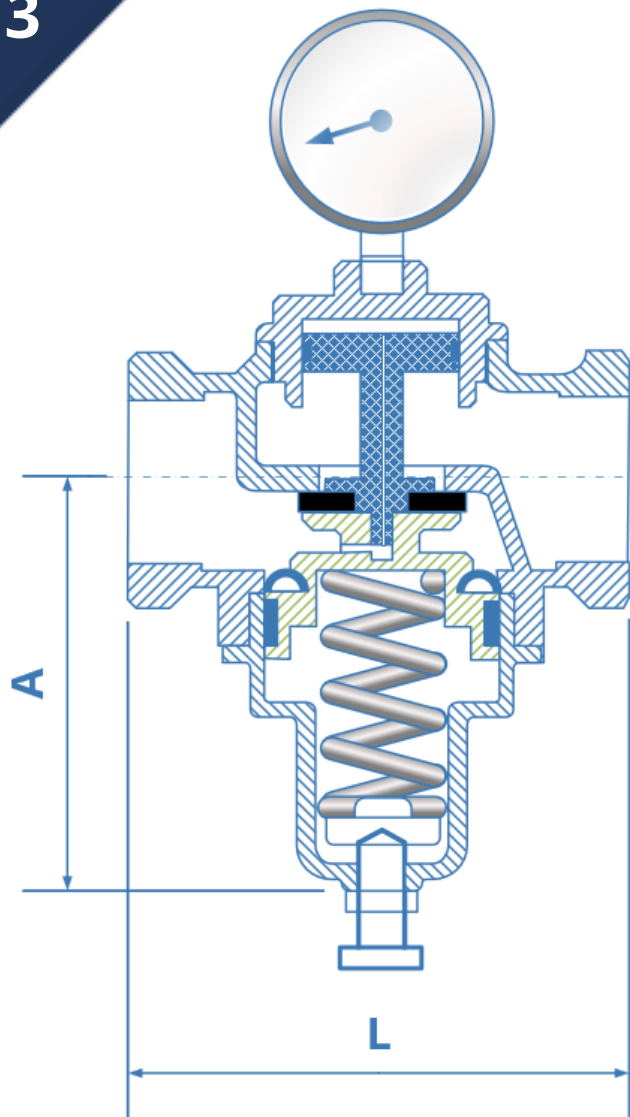
Descripción

La PR4513 es una válvula sostenedora de presión de acción directa que se utiliza para mantener una contrapresión predeterminada en un sistema. Con un tamaño de ½" a 2", esta válvula de acero inoxidable ofrece múltiples opciones de rango y material de sellado. Se suministra con manómetro de acero inoxidable y ofrece economía y confiabilidad.



Description

Le PR4513 est une vanne de maintien de pression à action directe utilisée pour maintenir une contre-pression prédéfinie dans un système. D'une taille de ½" à 2", cette vanne en acier inoxydable offre plusieurs choix d'options sur la gamme et le matériau du joint. Fournie avec un manomètre en acier inoxydable et offrant économie et fiabilité.



General Dimensions

Port	L (mm)	H (mm)	Kg
1/2"	71	75	0.8
3/4"	86	75	1
1"	90	81	1.1
1 1/2"	115	115	2.2
2"	120	115	3.1



Pressure Adjusting Range:

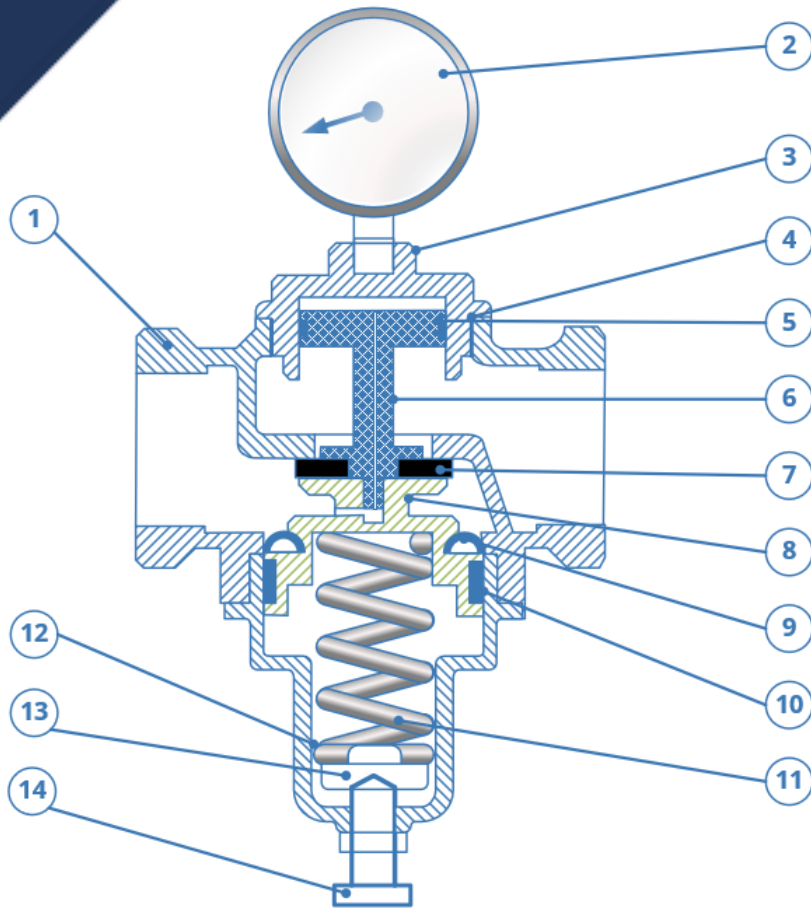
1 - 5 Bar
4 - 10 Bar

Notes

Pressure Gauge Displays Back Pressure
Pressure Test 35 Bar

PRESSURE

Port BSP	Flow Kv L/min	Maximum Inlet (Bar)	Part Number Options	Outlet Adjustment Range (1 - 5) or (4 - 10) Bar
1/2"	35.75	25	PR4513 + Seal + Pressure Range	
3/4"	57.2	25	PR4513 + Seal + Pressure Range	
1"	93	25	PR4513 + Seal + Pressure Range	
1 1/2"	185.9	25	PR4513 + Seal + Pressure Range	
2"	243.1	25	PR4513 + Seal + Pressure Range	



Technical Information

No.	Description	Material
1	Main Body	316 Stainless steel
2	Gauge	Stainless Steel
3	Upper Cover	316 Stainless steel
4	O Ring	NBR or VITON
5	U Ring	NBR or VITON
6	Piston	316 Stainless steel
7	Sealing Spacer	NBR or VITON
8	Shaft	316 Stainless steel
9	Diaphragm	NBR or VITON
10	U H Spring	NBR or VITON
11	Spring	Spring Steel
12	Lower Cover	316 Stainless steel
13	Washer	Brass
14	Adjusting Stem	304 Stainless steel

SEAL MATERIAL

STANDARD	NBR (80°C) FKM (80°C)
On Request	PTFE



Pressure Adjusting Range:
1 - 5 Bar
4 - 10 Bar

All information is sourced from our manufacturer's data and is intended for guidance only - Valves Online can accept no liability for changes, omissions or errors.

