

Series 9000 High Pressure Control Pinch Valve



- · Working pressures up to 720 psi.
- High-pressure pinch valve design.
- Heavy-duty, high-pressure reinforced sleeve is the only wetted part.
- · Extended service life.
- · Bi-directional, drop-tight shutoff.

The Series 9000 Control Pinch Valve is Red Valve's answer for high-pressure applications. With Red Valve's Double Wall Sleeve, the Series 9000 features increased abrasion resistance and can accommodate pressures up to 720 psi (4960 kPa). The Series 9000 is also available with Red Valve's patented Cone Sleeve for control applications and the Standard Sleeve for lower-pressure requirements.

A heavy-duty solid steel stroke adjustment unit located on the base of the Series 9000 allows the user to fine-tune control or adjust stroke for sleeve wear due to abrasion, reducing system downtime.

The Series 9000 is available with various actuators such as bevel gear actuators for manual operation, hydraulic or electric actuators for automatic operation, and pneumatic actuators for smaller sized or low-pressure applications.

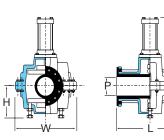
For applications with low-pressure requirements, the Series 9000 is also available in ASME Class 150 drilling configurations.

Materials of Construction

- · Body: Ductile iron
- Sleeves: Pure Gum Rubber, Ethylene Propylene Diene Terpolymer (EPDM)*, Acrylonitrile-Butadiene (NBR), Fluoroelastomer (FKM)*, Chloroprene (CR)*, Chlorosulfonated Polyethylene (CSM), Chlorolsobutylene-Isoprene (CIIR).
 - * White food grade options available.
- Drilled and tapped flanges: ASME 150, ASME B16.1 125 cast flanges, AWWA C110 125 flanges, EN1092 PN 6, EN1092 PN 10, EN1092 PN 16, JIS 5K, JIS 10K.
- Optional: Extended stems and torque tubes, floorstands, control components.

SERIES 9000

	DIMENSIONS in/mm								
			HEIGHT		STANDARD PRESSURE FULL PORT SLEEVE		HIGH PRESSURE		
VALVE SIZE	LENGTH L	WIDTH W	н	H ₁ **	PORT SIZE P in/mm	MAX WORKING PRESSURE AT 100°F* psi/kPa	PORT SIZE P in/mm	MAX WORKING PRESSURE AT 100°F psi/kPa	WEIGHT kg/lbs
<u>1"</u>	<u>7.75</u>	<u>12.00</u>	6.00	16.00	1.00	<u>720</u>	<u>.50</u>	<u>720</u>	<u>73</u>
25mm	197	305	152	406	25	4960	13	4960	33
<u>2"</u>	9.50	16.00	8.00	22.00	<u>2.00</u>	<u>335</u>	<u>1.50</u>	<u>720</u>	<u>229</u>
50mm	241	406	203	559	51	2310	38	4960	104
<u>3"</u>	10.75	17.00	9.00	26.00	3.00	<u>240</u>	<u>2.00</u>	<u>720</u>	<u>335</u>
80mm	273	432	229	660	76	1655	51	4960	152
<u>4"</u>	14.00	<u>20.00</u>	11.00	28.00	4.00	<u>185</u>	3.00	<u>720</u>	<u>438</u>
100mm	356	508	279	711	102	1276	76	4960	199
<u>6"</u>	<u>20.00</u>	23.00	13.00	33.00	6.00	<u>245</u>	<u>4.00</u>	<u>720</u>	600
150mm	508	584	330	838	152	1689	102	4960	272
<u>8"</u>	<u>26.00</u>	25.00	<u>15.00</u>	39.00	8.00	<u>250</u>	6.00	<u>720</u>	802
200mm	660	635	381	991	203	1720	152	4960	364
<u>10"</u>	32.50	33.00	<u>20.00</u>	51.00	10.00	<u>200</u>	8.00	<u>720</u>	<u>1083</u>
250mm	826	838	508	1295	254	1380	203	4960	491
<u>12"</u>	<u>38.50</u>	<u>40.00</u>	25.00	62.00	12.00	<u>175</u>	<u>10.00</u>	<u>720</u>	<u>1477</u>
300mm	978	1016	635	1575	305	1210	254	4960	670



^{*} Higher working pressures available.

^{**} With hydraulic cylinder.