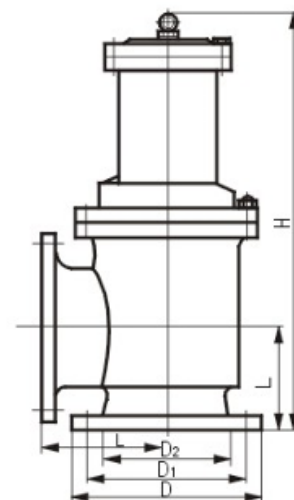


Product Features and Applications

Installed outside the bottom wall of various sedimentation tanks, it is used to remove sediment and debris from the tank bottom.

Working Principle and Performance

This valve combines a hydraulic cylinder with an angular stop valve, where the internal power of the hydraulic cylinder drives the disc up and down to open or close the valve body's flow path, allowing the fluid to either pass through or be stopped. The piston of the hydraulic cylinder is sealed with an L-type leather cup, providing excellent tightness and durability, while both the disc and seat ring feature soft sealing for leak-free performance. The valve can be operated through centralized control using either an electric or manual two-position four-way reversing valve, making it easy and convenient to operate.



Main Performance Parameters

- PN: 1.0MPa
- Working media with the hydraulic cylinder: pure water, air
- Working pressure of the hydraulic cylinder: 0.15~1.0MPa
- Medium temperature: 0~80°C

Main External and Connection Dimensions

DN (mm)	D	D1	D2	Dimension (mm)			Nipple thread G
				H	L1	L2	
80	195	160	135	480	135	125	1/2"
100	230	190	160	500	145	125	1/2"
150	300	250	218	620	175	145	1/2"
200	360	310	278	735	225	185	1/2"
250	425	370	332	805	260	205	1/2"
300	485	430	390	940	280	245	3/4"
350	550	490	448	1100	305	270	3/4"
400	610	550	505	1200	340	310	1"