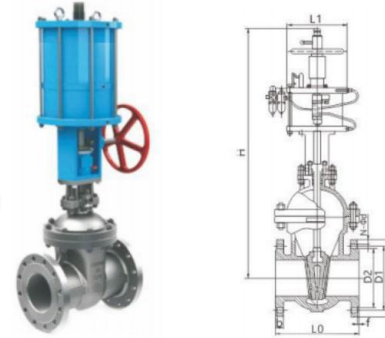


product overview

Z641H pneumatic gate valve is a low bracket gate Valve with pneumatic actuator and manual and protective mechanisms. Due to the double-layer cylinder structure, the lifting force is doubled compared to the single-cylinder pneumatic gate valve. The valve is equipped with a buffer mechanism, which can effectively reduce the wear of the valve plate sealing surface and the valve body sealing surface caused by the downward impact of the piston when closing the valve, and can also avoid the phenomenon of the gate getting stuck.



Technical Parameters

Nominal diameter (mm)		40-300		
Nominal pressure (MPa)		1.0-4.0		
Material code		C	P	R
Main parts	Valve body	WCB	CF8304	CF8M 316
	Sealing ring	D577 Stellite6		
	Filter	Flexible graphite		
Applicable working conditions	Applicable media	Water, oil, air and other media		
	Proper temperature	-28°C~425°C		
Actuator	Single acting	With reset cylindrical spring, it has the function of automatic reset in case of air loss		
	Double acting	Has greater thrust than single-acting cylinders of the same diameter, but it does not have automatic reset function		
Optional accessories		Solenoid valve, limit switch, filter pressure reducing valve, manual mechanism		

Installation Dimensions

Nominal diameter (mm)	Main connection dimensions								
	L1	H	L0	D	D1	D2	b	f	N-Φd
40	185	630	200	150	110	84	18	3	4-Φ18
50	185	645	250	160	125	100	18	3	4-Φ18
65	232	690	270	180	145	120	18	3	4-Φ18
80	232	715	280	195	160	135	20	3	8-Φ18
100	232	770	300	215	180	155	20	3	8-Φ18
125	283	780	325	254	210	185	22	3	8-Φ18
150	283	810	350	280	240	210	24	3	8-Φ23
200	283	967	400	335	295	265	26	3	12-Φ23
250	283	1143	450	405	355	320	30	3	12-Φ25
300	283	1292	500	460	410	375	30	4	12-Φ25