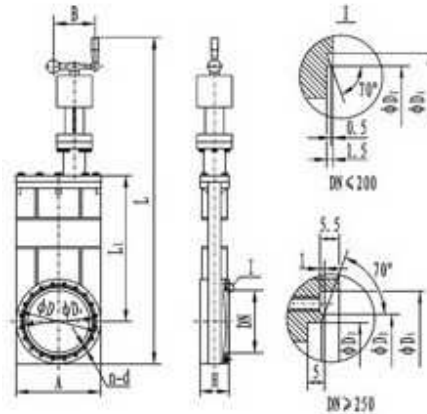


Manual Ultra-high Vacuum Gate Valve



Manual Ultra-high Vacuum Gate Valve uses a handle to drive steel ball shelf ,to perform valve plate open and close action, fold plate by spring force , open then exit. It is used to put through or cut off the air passage in ultrahigh vacuum system. Applicable medium can be pure air and noncorrosive gases.

Main Technical Performance

applicability(m.Bar)

$10^3 \sim 1.3 \times 10^{-9}$

Valve leak rate(m.Bar.L/S)

$DN \leq 200 \leq 1.3 \times 10^{-9}$

$DN \geq 250 \leq 6.7 \times 10^{-9}$

Applicable temperature (°C)

≤ 150 (except gearing)

The differential pressure between the two sides of valve opening(Pa)

$\leq 2.7 \times 10^3$

disc sealing

Viton

shaft seal sealing

stainless steel bellows

Overall and Connection Dimensions(mm)

Model	latus rectum(DN)	ΦD	ΦD0	ΦD1	ΦD2	ΦD3	H	A	n-d	L	L1	B	flange standard
MGV-50A	50	89	72.4	61.6	55.6	/	60	91	8-M8	493	165	80	GB/T6071
MGV -63A	63	114	92.1	82.6	76.6	/	65	105	8-M8	547	190	80	
MGV -80A	80	130	110	99	93	/	65	130	16-M8	607	225	80	
MGV -100A	100	152	130.2	120.7	114.7	/	70	152	16-M8	660	267	100	
MGV -150A	150	202	181	171.5	165.5	/	70	202	20-M8	784	350	100	
MGV -200A	200	254	231.8	222.3	216.6	/	80	251	24-M8	882	426	100	JB5278
MGV -250A	250	314	288	308	275	271	85	300	24-M10	1146	570	130	
MGV -300A	300	365	338	353	323	318	90	352	32-M10	1206	613	130	

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