

XLD / XLDV

Smooth exhaust angle Valve

- For evacuation of vacuum systems and chambers without turbulences
- Air operated type
- Operating pressure from 10^{-7} mbar to atmospheric pressure
- Visual position indicator
- Optional: heating components and autoswitches
- XLD series without solenoid valve
XLDV series with solenoid valve

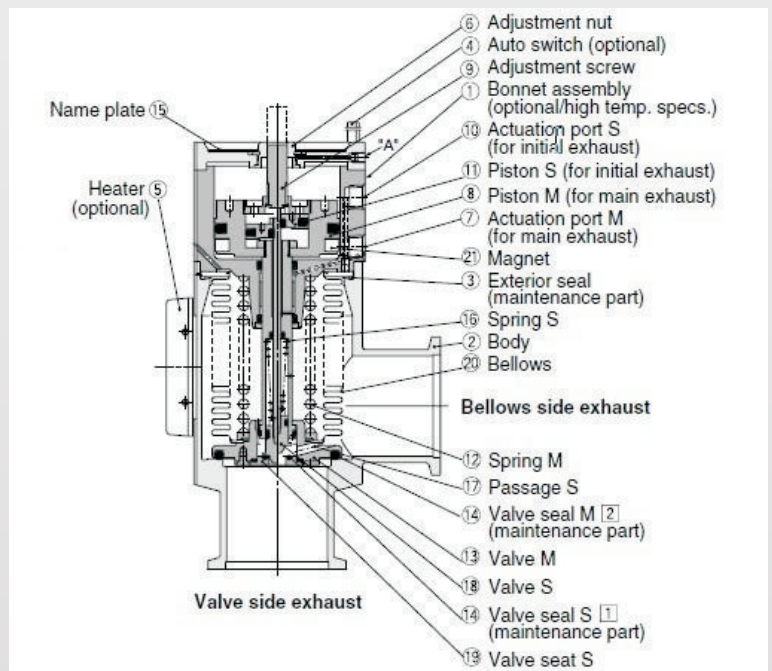
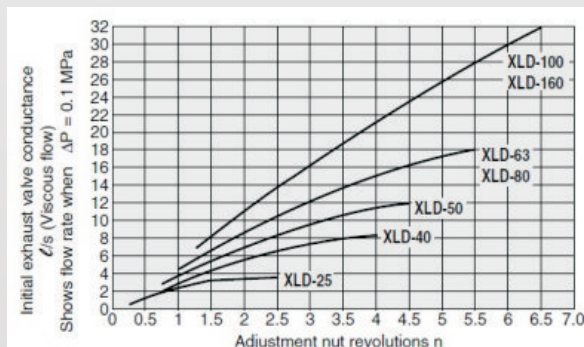


Technical data

Driving principle	pneumatically single-acting, 2-ary switchable, normally closed
Connection	KF and ISO-K flanges
Pressure range	1.0E-7 mbar to atmospheric pressure
Leakage rate	< 1.0E-9 mbar l/s
Seal drive	hydroformed bellow
Air pressure	4 to 7 bar
Housing material	aluminium
Material bellows	stainless steel
Material valve plate	stainless steel
Material seal housing	FKM
Material seal valve plate	FKM
Operating temperatur	series XLD 5 °C to 60 °C series XLDV 5 °C to 50 °C
Power supply control valve	24 V DC, 0,55 W

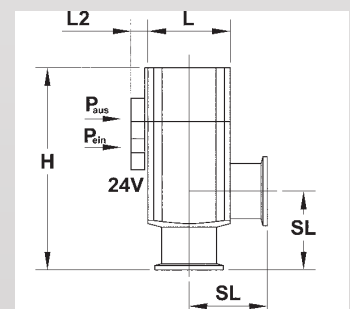
Operating principle

The Smooth exhaust angle valve affords the slow evacuation of vacuum systems and chambers without turbulences. During the activation of actuation port S (10), valve S (18) gets activated. The flow rate for initial exhaust can be adjusted, using the adjustment screw (9). Through the activation of the actuation port M (7) the main exhaust valve M (13) gets connected.



Order data

Order code		Connection	H	L	L2	SL
without solenoid valve	with solenoid valve					
XLD-25	XLDV-25-PACK	DN25KF	123	48	11	50
XLD-40	XLDV-40-PACK	DN40KF	170	66	12	65
XLD-50	XLDV-50-PACK	DN50KF	183	79	12	70
XLD-63	XLDV-63-PACK	DN63ISO-K	217	100	13	88



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