

# Quick Maintenance Angle Valves XLAQ

## For high Vacuum Applications

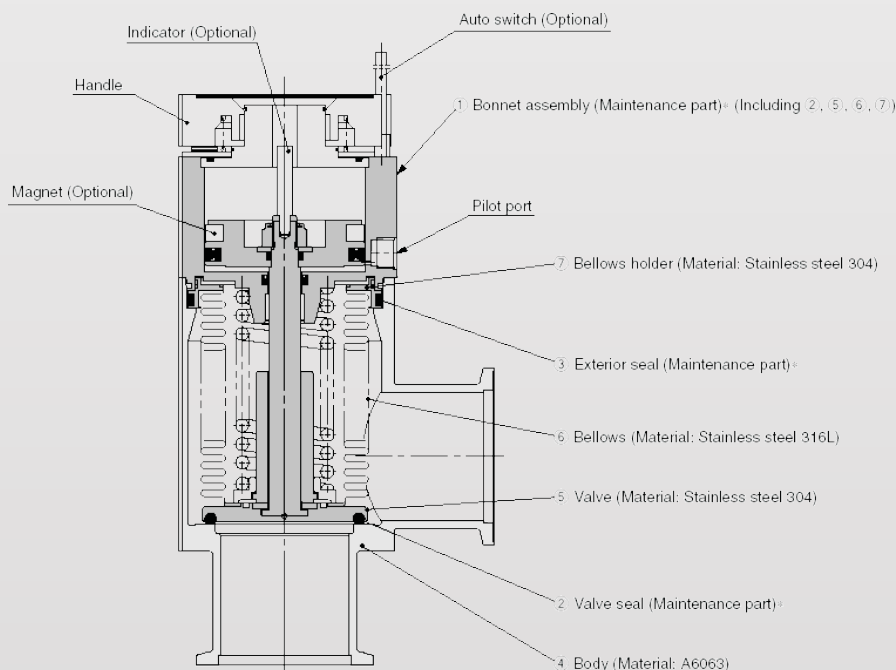
- One-touch connection and release (no tools required)
- Lightweight aluminium valve body
- Particle-free, clean room compatible stainless steel bellows
- Compact dimensions
- Easy installation



## Technical data

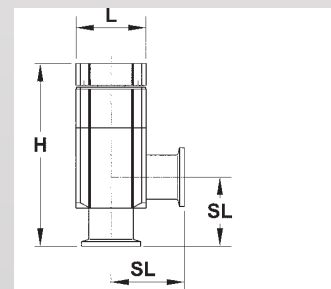
Model	XLAQ-16	XLAQ-25	XLAQ-40	XLAQ-50
Flange (valve) size	DN16KF	DN25KF	DN40KF	DN50KF
Valve type	normally closed (pressurize to open, spring seal)			
Fluid	inert gas under vacuum			
Operating Temperature (°C)	5 to 60 (high-temperature type: 5 to 150)			
Operating pressure (Pa) (abs)	Atmospheric pressure to $1 \times 10^{-6}$			
Conductance (l/s) *)	5	14	45	80
Leakage (mbar l/s)	< 1.0 E -9 mbar (l/s)			
Principle materials	body: aluminium alloy, bellows: stainless steel 316L, bellows holder: stainless steel 304, FKM (standard seal material)			
Surface treatment	external: hard anodised internal: untreated			
Pilot pressure (MPa)	0.4 to 0.7			
Pilot port size	M5		Rc 1/8	
Weight (kg)	0.33	0.6	1.3	2.0

\*) Conductance is the value for the “molecular flow” of an elbow with the same dimensions



## Order data

Order code	Adapter	Conductance (l/s)	H	L	SL	Pilot port size
<b>XLAQ-16G</b>	DN16KF	5	120	38	40	M5
<b>XLAQ-25G</b>	DN25KF	14	133	48	50	M5
<b>XLAQ-40G</b>	DN40KF	45	178	66	65	Rc 1/8
<b>XLAQ-50G</b>	DN50KF	80	190	79	70	Rc 1/8



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