

DN 63

Angle Valves (VAH, VAP)

MANUALLY ACTUATED

- Spindle drive with hand wheel
- Smooth opening
- Visual position indicator

PNEUMATICALLY ACTUATED

- Visual indication for open and closed position
- Electrical position indicator for open and closed position
- For system manufacturers without pilot valve



SELECTION DATA

Angle valve		DN 63 ISO-K	DN 63 ISO-K
Housing material	AISI/DIN	aluminum -/3.2373	stainless steel 304/1.4301

ORDERING INFORMATION MANUALLY ACTUATED

Type		VAH063-A	VAH063-X
Angle valve	Part No.	250-470	250-475

SPARE PARTS

Seal set		215-251	215-251
Bellows set for manually actuated valves		215-254	215-254

SPECIFICATIONS MANUALLY ACTUATED

Service life	Mio cycles	1.5	1.5
Conductance for molecular flow	l/s	140	140
Tightness	mbar l/s	1 x 10 ⁻⁹	1 x 10 ⁻⁹
Pressure absolute, min. / max.	mbar / bar	10 ⁻⁸ / 1,5	10 ⁻⁸ / 1,5
Pressure resistance	bar (abs.)	4	4
Differential pressure in closing / opening direction	bar	1.5 / 1.5	1.5 / 1.5
Opens to a pressure difference of	bar	1.5	1.5
Ambient temperature	°C	5 ... 60	5 ... 60
Mounting orientation		any	any
Seals		FPM	FPM
Weight	kg	3.6	6.5

SELECTION DATA

Angle valve		DN 63 ISO-K	DN 63 ISO-K
Housing material	AISI/DIN	aluminum —/3.2373	stainless steel 304/1.4301

ORDERING INFORMATION PNEUMATICALLY ACTUATED

Type		VAP063-A	VAP063-X
Angle valve w/o pilot valve, with position indicator		250-404	250-414
Valve with pilot valve, with position indicator			
24 V DC	Part No.	250-400	250-410
24 V AC	Part No.	250-401	250-411
100 – 115 V AC	Part No.	250-402	250-412
200 – 240 V AC	Part No.	250-403	250-413

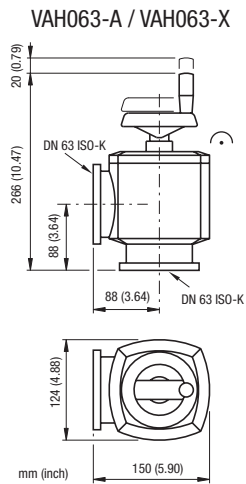
SPARE PARTS

Seal set	215-251	215-251
Bellows set for pneumatically actuated valves	215-253	215-253

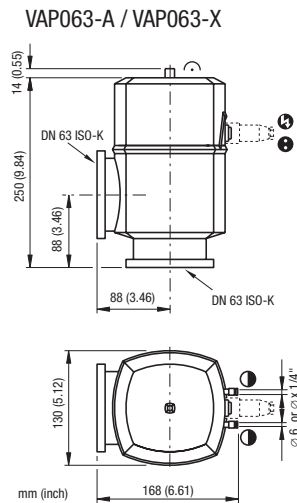
SPECIFICATIONS PNEUMATICALLY ACTUATED

Service life	Mio cycles	1.5	1.5
Conductance for molecular flow	l/s	140	140
Tightness	mbar l/s	1 x 10 ⁻⁹	1 x 10 ⁻⁹
Pressure, absolut, min. / max.	mbar / bar	10 ⁻⁸ / 1,5	10 ⁻⁸ / 1,5
Pressure resistance	bar (abs.)	4	4
Differential pressure in closing / opening direction	bar	1.5 / 1.5	1.5 / 1.5
Opens to a pressure difference of	bar	1.5	1.5
Ambient temperature	°C	5 ... 60	5 ... 60
Switching frequency	1/min	60	60
Closing time	ms	300	300
Opening time	ms	300	300
Electrical position indicator load capacity	VAC / A	250 / 0.125	250 / 0.125
	VDC / A	50 / 0.25	50 / 0.25
Compressed air, overpressure	bar	4 ... 8	4 ... 8
Air cylinder volume	cm ³	75	75
Mounting orientation		any	any
Seals		FPM	FPM
Weight	kg	4.0	6.8

DIMENSIONS MANUALLY ACTUATED



DIMENSIONS PNEUMATICALLY ACTUATED



Angle valve with and without pilot valve,
with position indicator



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