

DN 160

Angle Valves (VAP)



ADVANTAGES

- 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 160 ISO-K
Housing material	AA/DIN	aluminum -/3.2373

ORDERING INFORMATION

Type		VAP160-A
Angle valve w/o pilot valve, with position indicator		250-444
Valve with pilot valve, with position indicator		
24 V DC	Part No.	250-440
24 V AC	Part No.	250-441
100 – 115 V AC	Part No.	250-442
200 – 240 V AC	Part No.	250-443

SPARE PARTS

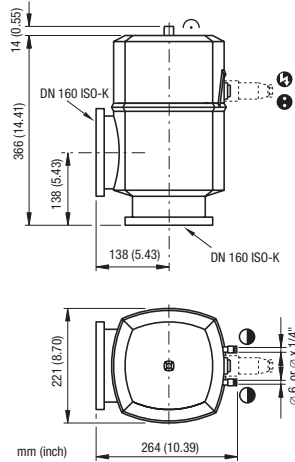
Seal set		215-291
Bellows set for pneumatically actuated valves		215-293

SPECIFICATIONS

Service life	Mio cycles	1.5
Conductance for molecular flow	l/s	800
Tightness	mbar l/s	1×10^{-9}
Pressure, absolut, min. / max.	mbar / bar	10^{-8} / 1,5
Pressure resistance	bar (abs.)	4
Differential pressure in closing / opening direction	bar	1.5 / 1.5
Opens to a pressure difference of	bar	1.5
Ambient Temperature	°C	5 ... 60
Switching frequency	1/min	40
Closing time	ms	650
Opening time	ms	600
Electrical position indicator, load capacity	VAC / A VDC / A	250 / 0.125 50 / 0.25
Compressed air, overpressure	bar	4 ... 8
Air cylinder volume	cm ³	570
Mounting orientation		any
Seals		FPM
Weight	kg	11.4

DIMENSIONS

VAP160-A



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