

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

### SPARE PARTS

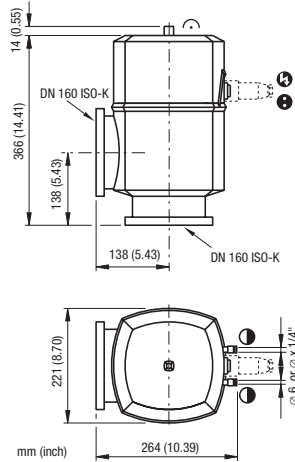
Seal set		<b>215-591</b>
Bellows set for pneumatically actuated valves		<b>215-293</b>

### SPECIFICATIONS

Service life	Mio cycles	1.5
Conductance for molecular flow	l/s	800
Tightness	mbar l/s	1 x 10 <sup>-9</sup>
Pressure, absolut, min. / max.	mbar / bar	10 <sup>-8</sup> / 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 <sup>3</sup>	570
Mounting orientation		any
Seals		FPM
Weight	kg	11.4

## DIMENSIONS

VAP160-A



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