

# PNEUMATRON

[www.pneumatron.co.za](http://www.pneumatron.co.za)

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## Pneumatic Angle Seat Valve

### P2000 Series Single Acting Angle Seat Valve N/C - Spring Return (BSP)

#### Valve Specifications

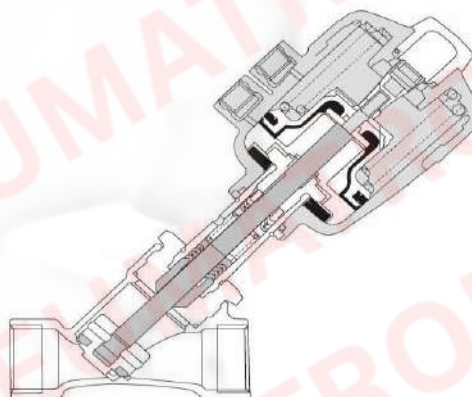
|                     |                            |
|---------------------|----------------------------|
| Working media:      | Liquids / Gas / Steam      |
| Medium Temperature: | 0°C to 180°C               |
| Media Pressure:     | 0 to 16 Bar                |
| Body material:      | SS316 (BSP Threaded Ports) |
| Seal material:      | PTFE                       |
| Function:           | Normally Closed            |

#### Actuator Specifications

|                      |                                              |
|----------------------|----------------------------------------------|
| Actuator material:   | Polymide PA                                  |
| Pilot Port (Bottom): | 1/4"                                         |
| Exhaust Port (Top):  | 1/4"                                         |
| Supply Pressure:     | 5 to 10 Bar Compressed Air (See table below) |
| Control Type:        | Single Function Normally Closed              |

**Pilot Valve Options:** **P3V1-08**  
**P3V210-08**

\*\*\*Voltages Available for Pilot Valves: 220VAC, 110VAC, 24VDC,  
12VDC, 24VAC\*\*\*



#### P2000 Series Angle Seat Valve N/C

| Port Size<br>(BSP) | Orifice Size<br>(mm) | Actuator Size | Actuator Supply Pressure |              | Media Pressure |        | Valve no      |
|--------------------|----------------------|---------------|--------------------------|--------------|----------------|--------|---------------|
|                    |                      |               | Min Required             | Max Required | Min            | Max    |               |
| 1/2"               | 15                   | 50            | 5 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-15-A50  |
| 3/4"               | 20                   | 50            | 6 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-20-A50  |
| 1"                 | 25                   | 63            | 5 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-25-A63  |
| 1 1/2"             | 40                   | 63            | 5 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-40-A63  |
| 2"                 | 50                   | 80            | 5 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-50-A80  |
| 2 1/2"             | 65                   | 80            | 5 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-65-A80  |
| 3"                 | 80                   | 100           | 5 Bar                    | 10 Bar       | 0 Bar          | 16 Bar | P2000-80-A100 |

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#### Dimensions

| Part number   | L   | A   | H   | D (BSP) | E   | Actuator (mm) |
|---------------|-----|-----|-----|---------|-----|---------------|
| P2000-15-A50  | 86  | 163 | 141 | 1/2"    | 64  | 50            |
| P2000-20-A50  | 95  | 180 | 145 | 3/4"    | 64  | 50            |
| P2000-25-A63  | 105 | 212 | 181 | 1"      | 80  | 63            |
| P2000-40-A63  | 130 | 243 | 202 | 1 1/2"  | 100 | 63            |
| P2000-50-A80  | 150 | 270 | 285 | 2"      | 126 | 80            |
| P2000-65-A80  | 185 | 340 | 284 | 2 1/2"  | 126 | 80            |
| P2000-80-A100 | 220 | 400 | 335 | 3"      | 156 | 100           |

