

**SANITARY PRESSURE REDUCING VALVE**  
**In-line design**  
**P-173**



**DESCRIPTION**

The ADCA P-173 series **direct acting, spring-loaded diaphragm sensing**, pressure reducing valves are designed for use with clean steam, compressed air, water and other gases or liquids compatible with the construction materials.

**MAIN FEATURES**

Compact in-line design.  
 Completely machined from barstock material, no castings or forgings are used on the standard version.  
 No rising stem.

**STANDARD SURFACE FINISH**

Internal wetted parts: ≤ 0,51 micron Ra – SF1.  
 External : ≤ 0,76 micron Ra – SF3.  
 Other surface conditions see IS PV20.00-Technical information.  
 Ultrasonic cleaning.

**OPTIONS:**

Leakage line connection 1/8" (captured vent).  
 Different soft valves for liquids and gases.  
 Lock system, allows clean-in-place (CIP) and sterilization-in-place (SIP) operations with valve in line.  
 Gauge connection on body.  
 With or without bottom drain connection.

**USE:**

Clean steam, compressed air, water and other gases and liquids compatible with the construction.

**AVAILABLE MODELS:**

P-173

**SIZES:**

1 1/2", 2" ; DN32 – 50.

**OUTLET SPRING RANGES:**

0,8 – 1,5 bar; 1 – 3 bar; 1,5 – 5 bar.

**CONNECTIONS:**

Sanitary clamps or others on request.

**PACKAGING:**

Assembling and packaging in a clean room certified according to ISO 14644-1.  
 The product is end capped and sealed with recyclable thermo-shrinkable plastic film to avoid contamination.

**INSTALLATION: ORDER REQUIREMENTS:**

Horizontal installation.  
 Type of fluid.  
 Maximum operating temperature.  
 Inlet pressure and required outlet pressure  
 Capacity (maximum and minimum).



CE MARKING ( PED - European Directive )	
PN 16	Category
1 1/2"-2"; DN32 to DN50	SEP