

Catalogue No.

**APL / 1005**

**ISO 5211 Pneumatic Rotary Actuator Operated  
Polypropylene Body  
Three Piece Design Ball Valve**



**"aira" offers ISO 5211 Standard Pneumatic Rotary Actuator Operated Polypropylene Body Ball Valve, engineered for multiple ON/OFF Operations in the Highly Corrosive Alkalis and Acidic Media.**

**Size Range : 1/2" to 12" Screwed / Flanged**

**Actuator**

**Technical Specifications :**

|                       |   |
|-----------------------|---|
| Type                  | Rack and Pinion Type                          |
| Actuation             | Double Acting / Single Acting (Spring Return) |
| Mounting Std.         | ISO 5211 An International Standard            |
| Pneumatic Connections | NAMUR Standard                                |

For more details please refer Catalogue APL/1076

**Ball Valve**

**Technical Specifications :**

|                |  |
|----------------|--|
| Body           | Polypropylene  |
| Ball           | Polypropylene  |
| Stem           | Carbon Steel with Nylon Rubber Coated                                    |
| Seat Packing   | PTFE   |
| End Connection | Screwed to - BSP<br>Flanged to - BS 10 Table / Table F / ANSI B16.5 150# |



| Body    | Seat    | Temperature |
|---------|---------|-------------|
| 200 PSI | 150 PSI | 100°C       |

PVDF for Highly Acidic Media Available on Request

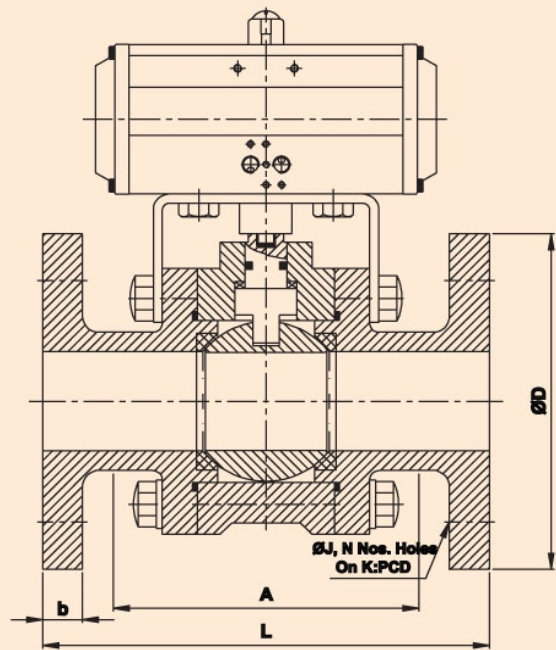
**Accessories :**

- On / OFF Indicator
- NAMUR Standard Solenoid Valve in all Standard Coil Voltage (Flame Proof Solenoid Coil - on request)
- I/P Transducer (Converter)
- Pneumatic valve positioner
- Electro-Pneumatic valve positioner
- Declutchable Manual Over - ride
- Limit Switches for On / Off Indication at Panel board
- Filter + Regulator Combination with Pressure Gauge
- Air Lock Valve

**Dimensions :**

(All dimensions are in MM)

| Valve Model    | Valve Size |        | A<br>Screwed | Flanged |      |     |
|----------------|------------|--------|--------------|---------|------|-----|
|                | MM         | Inch   |              | L       | b    | ΦD  |
| BMW - PP - 15  | 15         | 1/2"   | 127          | 130     | 16.5 | 96  |
| BMW - PP - 20  | 20         | 3/4"   | 139          | 132     | 14.5 | 102 |
| BMW - PP - 25  | 25         | 1"     | 150          | 152     | 18.5 | 121 |
| BMW - PP - 32  | 32         | 1.1/4" | 172          | 162     | 18   | 124 |
| BMW - PP - 40  | 40         | 1.1/2" | 172          | 170     | 18.5 | 140 |
| BMW - PP - 50  | 50         | 2"     | 209          | 209     | 22.5 | 165 |
| BMW - PP - 65  | 65         | 2.1/2" | 248          | 230     | 22.5 | 184 |
| BMW - PP - 80  | 80         | 3"     | 250          | 254     | 24   | 203 |
| BMW - PP - 100 | 100        | 4"     | -            | 310     | 27   | 229 |
| BMW - PP - 150 | 150        | 6"     | -            | 477     | 28   | 305 |
| BMW - PP - 200 | 200        | 8"     | -            | 477     | 30   | 368 |
| BMW - PP - 250 | 250        | 10"    | -            | 560     | 31   | 432 |
| BMW - PP - 300 | 300        | 12"    | -            | 560     | 31   | 489 |



Note : Since, constant worldwide advancement in technology, we keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.  
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