

# VALVE PNEUS

From the Desk of Peter Jensen



## SOLUTION SPOTLIGHT: CARTRIDGE VALVES USED IN TEXTILE INDUSTRY

2 and 3-way control valves are used in many applications, including automation and process control, automotive, food and beverage, and medical. Cartridge valves are ideal for use in manifold systems and custom applications where space is limited. These valves feature parallel bottom input and output porting, which is ideal for use in space-constrained applications. They are commonly used in applications to direct and capture exhaust flow.



*Customer's valve*



*New valve*

A yarn-spinning company asked Bimba | Pneumadyne to develop a metal version of an existing plastic valve; it needed to maintain the existing mounting features and cam actuation point location. The versatility of the [400-Series cartridge valve](#) (in conjunction with modular valve accessories) allowed us to quickly develop a product to match the form, fit, and function of the original valve. We satisfied the application requirements with a single custom component, a milled valve body.

### Potential Applications:

- Textile Equipment
- Medical Instruments
- High Speed Conveyors
- Dental Equipment
- Air Suspension
- Printing Equipment
- Food & Beverage Dispensing
- Automotive Equipment
- Animatronics



*Yarn spinning machine*



For additional information on the "400" Series control valve, or if you would like to configure a valve for your application, please contact our [customer service team](#).