B Series
GENERAL SERVICE
CONTROL VALVES
ABOUT THE B SERIES

With light industrial and general utility service in mind, the B Series has been developed to be the most simple and cost effective solution available. Careful, thoughtful design using the latest computer aided techniques has made the B Series one of the best performing light industrial valves on the market. Rigorous testing and our diverse application experience make it one of the most reliable.

FEATURES

The B Series is a bronze bodied control valve that features:

- ANSI 250 body rating
- NPT threaded connections
- 2-way and 3-way versions
- 300 Series stainless steel trim
- Class IV (metal seating) and Class VI (PTFE soft seating) shut-off capability
- Full and reduced capacity trims

INDUSTRIES AND APPLICATIONS

- Food and Beverage
- Textiles
- Automotive
- Paper
- Institutions
### SUMMARY OF KEY FEATURES AND BENEFITS

<table>
<thead>
<tr>
<th>Key features</th>
<th>Key reasons</th>
<th>Key benefits</th>
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<tr>
<td>2-way and 3-way versions</td>
<td>Common body design with minimal different components.</td>
<td>Site standardization for increased product familiarity, reduced spares stock holding and easier maintenance.</td>
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<td>High capacities and precise control</td>
<td>Designed using Computational Fluid Dynamics and rapid prototyping techniques to optimize flow paths, flow characteristics and rangeability.</td>
<td>Excellent control performance across a wide range of applications.</td>
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<td>High performance long life stem seal</td>
<td>Developed under extensive test conditions covering extremes of pressure and temperature for a variety of fluids.</td>
<td>Leakage free over long maintenance intervals.</td>
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<td>Durable, corrosion resistant trim</td>
<td>Manufactured from 300 Series stainless steel</td>
<td>Reliable performance and reduced maintenance costs.</td>
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<td>Rugged, accurate pneumatic actuators</td>
<td>Rolling diaphragms for minimum hysteresis and maximum linearity and repeatability</td>
<td>Precise, repeatable fluid control.</td>
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<td>Compatible with all industry standard control systems</td>
<td>NAMUR mounting on our pneumatic actuators ensures compatibility with Spirax Sarco’s extensive range of positioners and accessories.</td>
<td>Can be installed in simple 3-15 psig control systems or those using the latest digital communications.</td>
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