



News Release

Festo Introduces the New DSBC Pneumatic Family of Cylinders That Save Significant Design and Installation Time and Improve Overall Motion Performance

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New Festo cushioning technology – PPS – adapts itself automatically to changing loads and speeds.

HAUPPAUGE, NY– August 1, 2013 – Festo introduces the new [DSBC](#) family of ISO 15552 standard pneumatic cylinders, all of which feature the company's unique PPS self-adjusting cushioning capability. PPS ensures that cushioning into the end position is dynamic, but gentle, and requires no manual intervention. PPS eliminates the time consuming back and forth typically required during the adjustment stage of installing pneumatic cylinders.

The DSBC has the reliability and sturdiness of the popular ISO 15552 standard Festo cylinders DNC and [DNCB](#) and takes those actuators one step further with its unique self-adjusting cushioning capabilities. This self-adjusting ability ensures optimum cushioning performance at all times without the need for any manual intervention – even for changes in parameters such as friction and pressure, thus reducing wear and vibration.

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A wide range of configuration options are available for the following:

- Seals, including chemical resistant
- Scrapers, including those optimized for high dust areas, i.e. packaging
- Safety, including rod clamp or mechanical end lock
- Low friction or slow speed
- Environments – low to high temperature conditions and high moisture, including wash down.

A bumper has been integrated into the DSBC seal for both noise and vibration reduction. Sizes range from 1.25 to 5 inches (32 to 125 millimeters).

“The overall capabilities, wide range of options, and the fact it meets the ISO 15552 standard makes the DSBC ideal for those OEMs seeking the benefits of standardizing on a single family of pneumatic cylinders – shorter engineering time, smaller inventory, less training, and, in the case of DSBC, improved performance,” said Frank Langro, director marketing / product management. “The Festo online product configurator makes ordering quick and efficient. In terms of the total package, no one in the pneumatics industry offers a family of cylinders comparable to the DSBC.”

For more information on the innovative Festo DSBC ISO 15552 standard pneumatic cylinders with PPS cushioning, call Festo at 800-993-3786 and visit <http://www.festo.com/us>.

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About Festo

Festo is a leading manufacturer of pneumatic and electromechanical systems, components, and controls for process and industrial automation. For more than 40 years, Festo Corporation has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment.

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