163462

Industrial automation components

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Manufacturer	Festo
Catalog number	163462
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Stroke Length	3 mm to 2000 mm
Piston Diameter	100 mm
Operating Pressure	0.12 to 12 bar
Ambient Temperature Range	-40°C to 80°C
Mounting Position	Any

Description

The Festo 163462 is an ISO 15552 standard-compliant pneumatic cylinder designed for versatile industrial applications. Featuring a 100 mm piston diameter and a stroke length ranging from 3 mm to 2000 mm, it offers flexibility to meet various operational requirements. The cylinder is equipped with elastic cushioning rings and adjustable pneumatic cushioning at both ends, ensuring smooth and controlled motion. Its structural design includes a piston, piston rod, and profile barrel, facilitating efficient performance. The cylinder supports position sensing via proximity sensors, enhancing automation capabilities. With an operating pressure range of 0.12 to 12 bar, it is suitable for diverse pneumatic systems. The ambient temperature range of -40°C to 80°C allows for operation in various environmental conditions. The cylinder is available in multiple variants, including options for end-position locking, extended piston rods, and enhanced corrosion protection, catering to specific application needs.

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