MXQ12A-100ZB3

Industrial automation components

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Manufacturer	Smc
Catalog number	mxq12a-100zb3
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	SMC
Part Number	MXQ12A-100ZB3
Product Type	Guided Air Cylinder
Bore Size	12 mm
Stroke Length	100 mm
Action Type	Double Acting
Mount Type	Through Hole, Lateral
Maximum Operating Pressure	0.7 MPa
Body Material	Special Stainless Steel
Cushioning Type	Rubber

Description

The SMC MXQ12A-100ZB3 is a precision-guided air cylinder designed for applications requiring accurate linear motion. Featuring a 12 mm bore and a 100 mm stroke length, this double-acting cylinder offers reliable performance in various automation tasks.

The MXQ12A-100ZB3 is part of SMC's MXQ series, known for its compact design and high rigidity, making it suitable for installations with limited space. Its special stainless steel construction ensures durability and resistance to corrosion, enhancing its longevity in industrial environments.

The cylinder's design includes integrated shock absorbers to minimize impact during operation, contributing to smoother motion and reduced wear. This model is ideal for applications in material

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handling, assembly lines, and other automation processes where precise and reliable linear actuation is essential.

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