

FEATURES

- **Double Acting:** Provides controlled movement in both directions, enhancing operational efficiency.
- **Aluminium Body Material:** Offers a lightweight yet robust construction, reducing wear and tear.
- **Magnetic Cushioning:** Ensures smooth operation and reduces impact at the end of the stroke, prolonging cylinder life.
- **Maximum Operating Pressure of 10 bar:** Suitable for high-pressure applications, ensuring versatility.
- **Wide Temperature Range (-20 °C to 80 °C):** Allows for use in diverse environmental conditions.
- **Screw Mount Type:** Facilitates easy installation and secure mounting.
- **Male Piston Rod with Metric Thread:** Ensures compatibility with standard fittings and accessories.
- **Compliance with Key Standards:** Meets ATEX, ISO, PED, REACH, and RoHS standards for safety and reliability.

RS PRO 50 mm ISO Standard Cylinder, 250 mm Stroke

RS Stock No: 727-210



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The RS PRO ISO Standard Cylinder is designed for efficient and reliable performance in industrial automation systems. With a 50 mm bore size and a 250 mm stroke length, this double-acting cylinder is ideal for applications requiring precise linear motion. Its aluminium construction ensures durability while maintaining a lightweight profile, making it suitable for various industrial environments.

General Specifications

Action Type	Double Acting
Bore Size	50 mm
Cushioning Type	Magnetic
Maximum Operating Pressure	10 bar
Mount Type	Screw
Piston Rod Gender	Male
Piston Rod Thread Size	M16 x 1.5
Piston Rod Thread Standard	Metric
Product Type	ISO Standard Cylinder
Rod Type	Piston
Stroke Length	250 mm

Mechanical Specifications

Body Material	Aluminium
Height	64 mm
Length	425 mm
Width	64 mm

Operation Environment Specifications

Maximum Operating Temperature	80 °C
Minimum Operating Temperature	-20 °C

Approvals

Standards/Approvals	ATEX 2014-34-UE, ISO 15552, PED 2014-68-UE, REACH 1907-2006, RoHS 2011-65-CE
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