549400

Industrial automation components

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Manufacturer	Festo
Catalog number	549400
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Piston Diameter	63 mm
Mounting Position	Any
Design	Twin-piston pressure intensifier with piston magnet
Pressure Gauge Preparation	G1/8
Output Pressure Range	4 to 16 bar
Operating Pressure Range	2 to 10 bar
Pressure Regulation Range	4 to 16 bar
Inlet Pressure Range	2 to 10 bar
Operating Medium	Compressed air to ISO 8573-1:2010 [7:3:4]
Lubricated Operation	Not possible
Corrosion Resistance Class	2 - Moderate corrosion stress

Description

The Festo DPA-63-16-A (Part number: 549400) is a pneumatic pressure booster designed to double the inlet pressure, providing output pressures up to 16 bar. This device is ideal for applications requiring increased pressure without the need for a separate compressor. Its versatile design allows for any mounting position, and it features a twin-piston pressure intensifier with a piston magnet for enhanced performance. The booster is prepared for a G1/8 pressure gauge, facilitating easy monitoring of output pressure. Operating within an inlet pressure range of 2 to 10 bar, it offers a pressure regulation range from 4 to 16 bar. The DPA-63-16-A is constructed to operate with compressed air conforming to ISO 8573-1:2010 [7:3:4] standards and is not suitable for lubricated operation.

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With a product weight of 6,000 grams, it is designed for durability and long service life. The device is RoHS compliant, ensuring it meets environmental standards. For detailed specifications and installation guidelines, refer to the official datasheet.

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