SMC PNEUMATIC COMPONENTS

SMC CQ2-Z Compact Pneumatic Cylinders



Compact cylinders suit short-stroke pushing, clamping and positioning where installation length is limited. Match the bore, stroke, rod end, mounting and magnet/switch arrangement to the machine.

Unit for enquiry: each | Product range

SMC product-family image. Exact size, connections and configuration are confirmed with your quotation.

PRODUCT DETAILS

Standard double-acting bores	12, 16, 20, 25, 32, 40, 50, 63, 80 and 100 mm
Published standard stroke range	5 to 100 mm, depending on bore and configuration
Ports	Metric on smaller bores; Rc, NPT or G options on 32-100 mm configurations
Sensing	Compatible auto-switch arrangement depends on size and exact model

TYPES / CONFIGURATIONS

Double acting single rod | Double rod - specify code | Water-resistant variant - specify code

Check body length, fixing centres, rod thread and port orientation against the existing cylinder. Include the magnetic piston and auto-switch requirements. A water-resistant variant needs its own complete model code. Options describe an enquiry; not every combination is available. Confirm the complete selected reference and operating limits before ordering. This is a Beccentric product information and selection sheet. It is not a certified engineering drawing or a guarantee of stock. Confirm the exact product, compatibility and operating limits before ordering.

Specify your requirement

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The choices below help prepare an enquiry. Other sizes and identification assistance can be requested. Not every combination is available.

Cylinder bore (mm)	12 mm, 16 mm, 20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 63 mm, 80 mm, 100 mm
Required stroke (mm)	Exact stroke and existing cylinder reference
Mounting and rod / guide dimensions	Mounting centres, rod thread, port size and available space
Load, speed and cushioning	Load and offset, orientation, speed and cushioning type
Sensors and accessories required	Complete switch reference, cable / connector and mounting kit
Medium, operating pressure and temperature	Normal / maximum pressure in bar, medium, temperature and air quality
Complete manufacturer reference / existing markings	Include every suffix if known; otherwise ask for identification help

INCLUDE WITH YOUR ENQUIRY

Send the complete reference, requested size and configuration, operating conditions, quantity, delivery location and required date. Add label / installation photographs and state whether an alternative may be proposed for approval.

Quantity: _____ Required date: _____

Company / RFQ reference: _____

Exact replacement only / alternative for approval: _____

CONTACT & DOCUMENTATION

View this product and choose specifications at beccentric.net

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Request a drawing, material certificate, food-contact declaration or safety data sheet when your application requires one. These documents relate to the exact product quoted.

Prepared by Beccentric (Pvt) Ltd. Compiled 13 November 2026. Contact Beccentric to confirm the exact configuration and supporting documentation.