

CVQ (ø40 to ø63), Compact Cylinder with Solenoid Valve - SMC CVQB40-10-5MOUP

Item no. SMC-CVQB40-10-5MOUP

Manufacturer SMC

Mounting: B (Through Hole) Bore Size: 40mm Stroke: 10mm
Option: Standard (Rod End Female Thread) Auto Switch: No
Switch Lead Wire or Prewired Connector: 0.5m (Or None in the
Case of No Switch) Number: 2 pcs. (Or None in the Case of No
Switch) Rated voltage: 5 (24 VDC) Electrical Entry: MO (M Plug
Connector Without Connector) Surge Voltage Suppressor: U
[Light/Surge Suppressor (Non-Polar Type)] Manual Override: Non-
locking Push Type Piping: P (Axial) Port Thread: Rc (32 & 40 Bore
50 & 63 Bore Rc):

TECHNICAL DATA

Weight	0.1 kg
Zolltarifnummer	84123100



DESCRIPTION

Machine builders who traditionally use a cylinder and solenoid valve for pushing and clamping applications now have a space and time saving solution with the launch of SMC's new Series CVQ cylinder and valve range. Developed initially to provide a unique all-in-one compact cylinder/valve system, engineers from world leaders SMC have simply taken their most popular compact CQ2 cylinder and V100 solenoid valve and literally built them together in one single unit. By adopting this innovative approach, the new CVQ cylinder range offers some major space savings as there is no need to allocate space for either the valve or the necessary piping. And by eliminating the piping, further performance benefits are also achieved such as reduced pressure drop and air consumption - by up to 37% per cycle - plus improved response speed when compared to previous separate cylinder and valve configurations. As a single one piece unit, the new CVQ only requires only three piping connections instead of seven connections as previously required thereby ensuring reduced labour time for both installation and maintenance. Currently the CVQ Series combines a double acting compact cylinder in either 32mm, 40mm, 50mm or 63mm bore sizes for application requiring cylinder speed of between 50 - 500 mm/s and a 2 position solenoid valve, which is IP 40 dust proof and is available in low power consumption 24 or 12 V options.