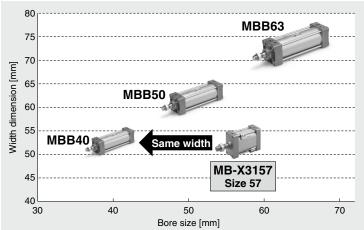


Size: 57

This product is capable of providing double the force of the MB series, without changing the width, due to the adoption of a rectangular piston.

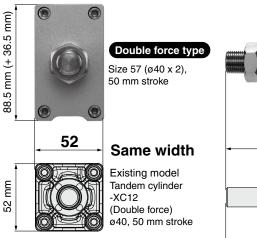
- Comparison with tandem cylinders satisfying the following conditions: a cylinder of the same width with double the theoretical output.
- The width of the MB standard model and the MB tandem cylinder are the same

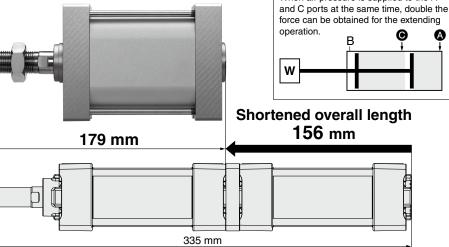


47% reduction Overall length 335 mm → 179 mm

20% reduction Weight 1500 g → 1200 g

*1 Compared with the existing tandem type cylinder -XC12 (double force), ø40, 50 mm stroke





Small auto switches can be mounted on 4 surfaces. (Tie-rod mounting)

Applicable auto switch: D-M9□

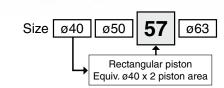


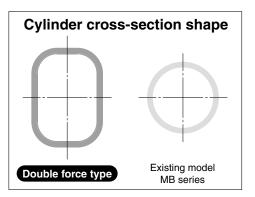


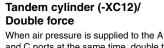
noise that occurs when the piston stops.

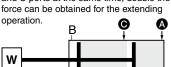
Cover shape that prevents foreign matter accumulation

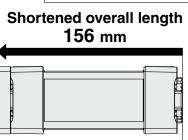












Specifications

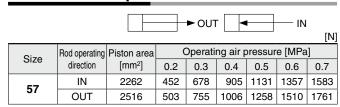
Size	Size 57 (Equiv. ø40 x 2 piston area)	
Action	Double acting, Single rod	
Proof pressure	1.0 MPa	
Max. operating pressure	0.7 MPa*1	
Min. operating pressure	0.05 MPa	
Ambient and fluid	5 to 60°C	
temperatures		
Lubrication	Not required (Non-lube)	
Piston speed	50 to 500 mm/s*1	
Stroke length tolerance	^{+2.0} mm	
Cushion	Non-adjustable air cushion + rubber bumper	
Port size	Rc1/8	
Stroke	50 to 250 mm (25 mm increments)	
Mounting	None (Basic type only)	
Allowable kinetic energy	2.0 J	

Depending on the system configuration selected, the specified speed may not be satisfied. *1 Maximum operating pressure and piston speed are different from the existing product (MB series).

Standard Strokes

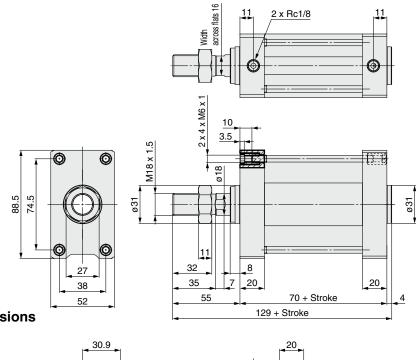
		[mm]
Size	Standard stroke	
57	50, 75, 100, 125, 150, 175, 200, 225, 250	

Theoretical Output

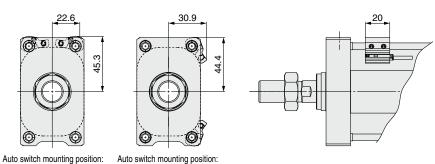


Theoretical output [N] = Pressure [MPa] x Piston area [mm²]

Dimensions



Auto switch bracket dimensions



Side surface

↑ Safety Instructions Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and the "MB Series Specific Product Precautions" before use.

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Port surface

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