

Compact Clamp Cylinder

CDQ2B40/50/63-X505

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Application: Ideal for clamping jigs and work pieces in automobile welding lines.

Feature 1: New design compact clamp cylinder.

Feature 2: Front clevis with built-in bushing is interchangeable with cylinder bore sizes $\varnothing 40$, 50, and 63 to offer flexibility in design and usage. (Width of clevis: 12.5mm)

Specifications

Cylinder specifications

	CDQ2B40	CDQ2B50	CDQ2B63
Bore size	$\varnothing 40$	$\varnothing 50$	$\varnothing 63$
Fluid	Air		
Proof pressure	1.05MPa		
Maximum operating pressure	0.7MPa		
Ambient and fluid temperature	-10 to 60°C (No freezing)		
Bumper	Rubber bumper		
Mounting accessory	Front clevis type		
Stroke	See "How to Order" below (Note 1)		
Stroke length tolerance	$^{+1.0}_0$ mm		
Rod end thread tolerance	JIS class 2		
Lubrication	Not required (Non-lub)		
Accessory	Double knuckle joint		

How to Order

CDQ2B 40 - 100 DCM- A72 -X505

Bore size

40	$\varnothing 40$
50	$\varnothing 50$
63	$\varnothing 63$

Stroke (Note 1)

Bore size	Stroke (mm)
$\varnothing 40$	5, 10, 15, 20, 25, 30 35, 40, 45, 50, 75, 100
$\varnothing 50$	10, 15, 20, 25, 30, 35 40, 45, 50, 75, 100
$\varnothing 63$	10, 15, 20, 25, 30, 35 40, 45, 50, 75, 100

Number of auto switch

Nil	2 pcs.
S	1 pc.
n	n pcs.

Type of auto switch

Supplement:

Model numbers which are auto switch compatible are equivalent to the CDQ2's $\varnothing 40$, 50, and 63 bore size types. (For instance, in the case of D-A72: A72)

Note 2: Please refer to our Best Pneumatics catalog for more detailed auto switch specifications.

Note 3: For magnetic field resistant auto switches, refer to the table below.

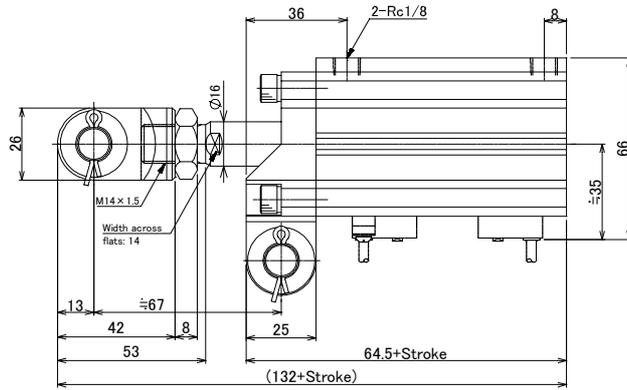
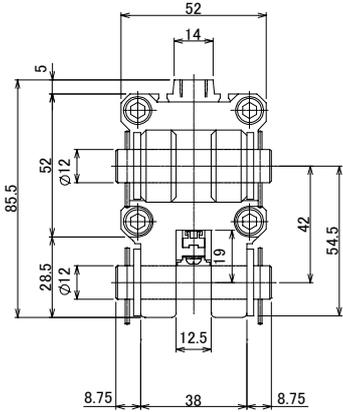
Strong Magnetic Field Resistant Solid State Switch

Symbol	Type of auto switch	
P5DWL	Strong magnetic field resistant Solid State Switch with 2-color display (Lead wire length: 3m)	D-P5DWL
P5DWSC	Strong magnetic field resistant Solid State Switch with 2-color display (Lead wire spatter proof type: length 3m)	D-P5DWSC

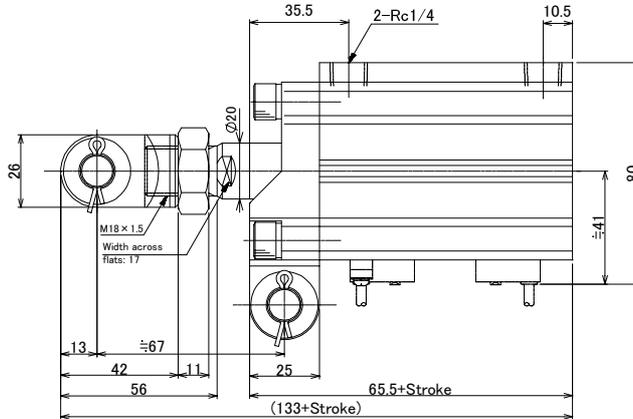
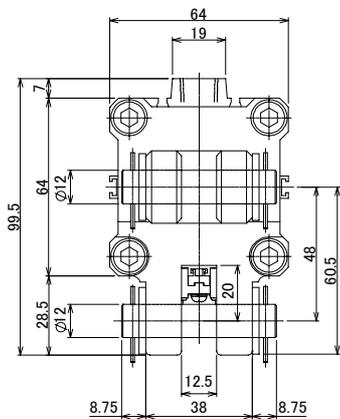


Caution: Magnetic field resistant solid state auto switches are intended for use with single-phase AC welders. They are not compatible with DC inverter welders (including rectifying type welders), arc welders or condenser type welders.

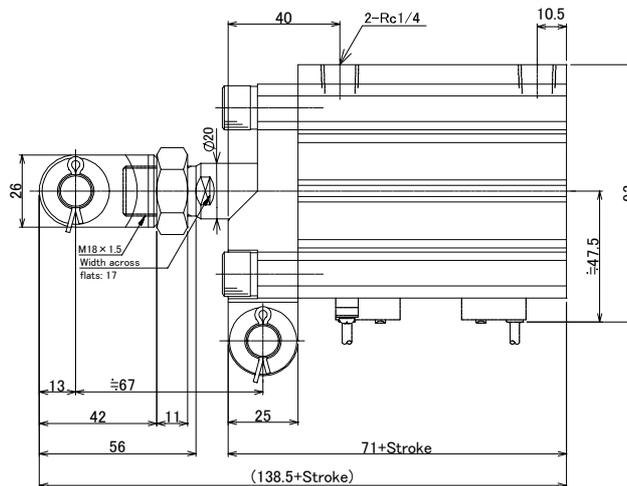
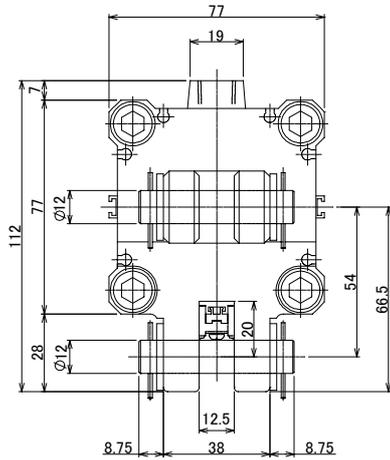
Dimensions



CDQ2B40-DQM-A**-X505



CDQ2B50-DQM-A**-X505



CDQ2B63-DQM-A**-X505

⚠ Caution

To ensure the safest possible operation of this product, please be sure to read thoroughly the "Safety Instructions" in our "Best Pneumatics" general catalog before use.