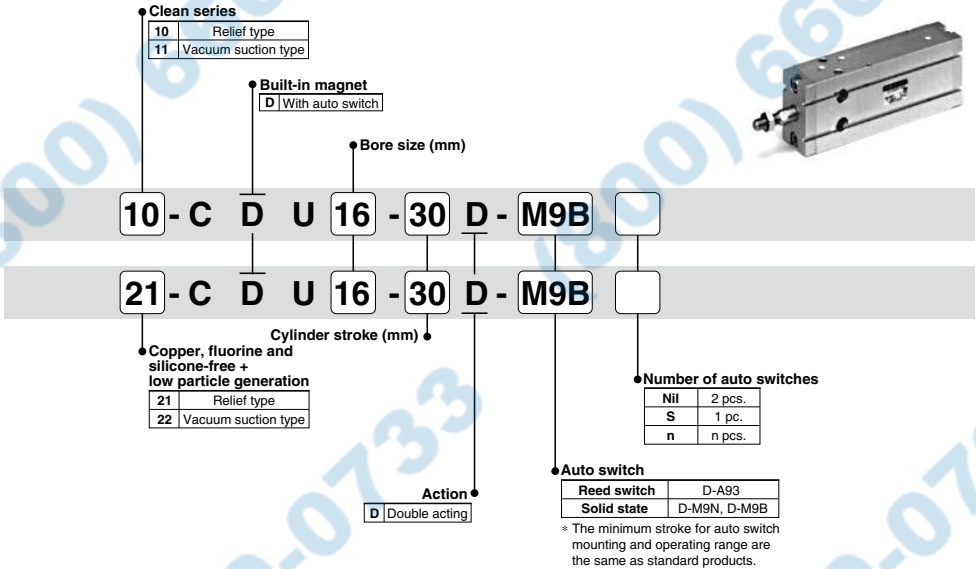


Series 10-/11- 21-/22-CDU

ø6, ø10, ø16, ø20, ø25 Free Mount Cylinder

How to Order



Clean series

10	Relief type
11	Vacuum suction type

Built-in magnet

D	With auto switch
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Bore size (mm)

10 - C D U 16 - 30 D - M9B

21 - C D U 16 - 30 D - M9B

Cylinder stroke (mm)

Copper, fluorine and silicone-free + low particle generation

21	Relief type
22	Vacuum suction type

Number of auto switches

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

Auto switch

Reed switch	D-A93
Solid state	D-M9N, D-M9B

Action

D	Double acting
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* The minimum stroke for auto switch mounting and operating range are the same as standard products.

Model

Model		Bore size (mm)	Port size	Lubrication	Action	Standard stroke (mm)	Auto switch mounting	Cushion	
								Rubber	Air
Relief type	10-/21-CDU6	6	M5 x 0.8	Non-lube	Double acting Single rod	5, 10, 15, 20, 25, 30	○	○	—
	10-/21-CDU10	10							
	10-/21-CDU16	16							
	10-/21-CDU20	20							
	10-/21-CDU25	25							
Vacuum suction type	11-/22-CDU6	6				5, 10, 15, 20, 25, 30, 40, 50			
	11-/22-CDU10	10							
	11-/22-CDU16	16							
	11-/22-CDU20	20							
	11-/22-CDU25	25							

Specifications

Item	Bore size (mm)		
	6	10/16	20/25
Proof pressure	1.05 MPa		
Maximum operating pressure	0.7 MPa		
Minimum operating pressure	0.12 MPa	0.06 MPa	0.05 MPa
Ambient and fluid temperature	Without auto switch : -10°C to 70°C With auto switch : -10°C to 60°C (No freezing)		
Piston speed	50 to 400mm/s		
Stroke length tolerance	+1.0 0		
Grease	10-/11-: Fluorine grease 21-/22-: Lithium soap based grease		
Cleanliness class (ISO class)	10-: Class 4, 21-: Class 5 11-/22-: Class 3		

Suction Flow Rate of Vacuum Suction Type (Reference values)

Size	Suction flow rate L/min (ANR)
6	6
10	10
16/20/25	12