

Clean Series Table
Series CR(CV,SC)NLCD

Bore size : ϕ 25, ϕ 32



- Low particle generation for clean room applications
- Stainless steel piston rod(resistant to moisture and other chemicals)

How to Order



- 1 New Linear Cylinder Double Rod**
 CR : Relief Port Type
 CV : Vacuum Suction Type
 (※ ϕ 32 : Semi clean type only)
- 2 Bore size(ϕ mm)-Stroke(mm)**
 ϕ 8 : 10, 20, 30, 40, 50, 75,
 ϕ 16: 10, 20, 30, 40, 50, 75, 100, 125
 ϕ 20: 10, 20, 30, 40, 50, 75, 100, 125, 150
 ϕ 25: 10, 20, 30, 40, 50, 75, 100, 125, 150
 ϕ 32: 30, 75, 100
- 3 Adjuster Option**
 1) Rubber Damper
 RF : Front Side
 RB : Rear Side

- R : Both Side(RF+RB)
 Adjustable Range : 5, 15, 25mm
 ex) RF15, RB15, R15
 ※ NLOD6: Unable 25mm
 ※ Blank: 5mm ex) RF, RB, R
 2) Shock-absorber Attached
 SF : Front Side
 SB : Rear Side
 S : Both Side(SF+SB)
 ※ NLCD32 : unable shock-absorber
- 4 Type of Auto Switch**
 Blank : Without Auto Switch
 W4 : Reed Switch
 W8V : Reed Switch(Vertical Type)
 W8H : Reed Switch(Horizontal Type)

- W9H : Solid State Switch(Horizontal Type)
 W9V : Solid State Switch(Vertical Type)
 W9HN : Solid State Switch(3 Wire, NPN)
 W9HP : Solid State Switch(3 Wire, PNP)
 ※ Standard auto switch lead wire length is 1m. 3m leads available on all models by adding a "L" suffix to the part number. (ex: W8HL, W9VL)
- 5 Number of Auto Switch**
 Blank : 2pcs
 S : 1pc
 n : npc

Specifications

Bore size	ϕ 8, ϕ 16, ϕ 20, ϕ 25, ϕ 32
Type	Relief Port Type, Vacuum Suction Type Semi-Clean Type
Operation	Double Acting
Port Size	Rc(PT) 1/4
Operating Pressure	1.5~7.1kgf/cm ² (0.15~0.7MPa)
Proof Pressure	10.7kgf/cm ² (1.05MPa)
Ambient and Fluid Temperature · °C(°F)	-10°C~60°C
Piston Speed	50~500mm/s
Lubrication	Non-Lub
Auto Switch(Optional)	Existing Plug : DC(24V) / AC(110V) Non Plug : DC(24V)
Stroke Tolerance	⁺¹ ₀ mm
Option(Stroke Adjust)	Bolt+Damper(Front Side / Both Side) / Shock-Absorber

Table of standard stroke/air pressure(no lubrication type)

(Unit:mm)

Bore Size	Cylinder stroke
8	10, 20, 30, 40, 50, 75
16	10, 20, 30, 40, 50, 75, 100, 125
20, 25	10, 20, 30, 40, 50, 75, 100, 125, 150
32	30, 75, 100