

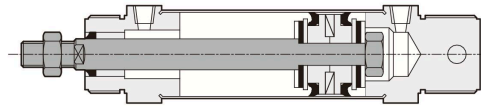
# SDA series - Miniature cylinder (Stainless steel tube)

Operating specification and Ordering expression

CHELIC PNEUMATIC



## Internal structure



ISO-6432

## Specification

Unit : mm

Item	Bore size	Ø12 ~ Ø16	Ø20 ~ Ø40
Operation		Double acting	
Fluid		Air	
Mounting type		FA, LB, CB	
Pressure range	kgf/cm <sup>2</sup> (kpa)	1 ~ 7 (100 ~ 700)	
Max. service pressure	kgf/cm <sup>2</sup> (kpa)	9 (900)	
Ambient and Fluid temperature	°C	0 ~ 60	
Range of service speed	mm/sec	50 ~ 700	
Cushion		Without cushion	Rubber lining / Pneumatic absorber
Lubrication		Lubrication free	
Bore size		M5 x 0.8	Rc 1/8
Sensing device		With magnet	

## Standard stroke

Unit : mm

Bore size	Standard stroke	Max. stroke	Maximum
Ø12	25、50、75、100、150	150	150
Ø16	25、50、75、100、150	150	
Ø20	25、50、75、100、150、200、250、300	300	300
Ø25	25、50、75、100、150、200、250、300	300	
Ø32	25、50、75、100、150、200、250、300	500	500
Ø40	25、50、75、100、150、200、250、300	500	

## How to order

**SDA** - **25** × **150** - **C** - **SA 2** - **FA**

<b>Model</b>  SDA : Standard  SDAI : Single acting (Normal in)  SDAD : Double rod type  SDAL : Adjustable stroke cylinder  SDAF : Multi-position tandem Cylinder  SDAM : Tandem cylinder	<b>Bore size</b> 12 - Ø12 mm 16 - Ø16 mm 20 - Ø20 mm 25 - Ø25 mm 32 - Ø32 mm 40 - Ø40 mm	<b>Stroke</b> 25 - 25 mm 50 - 50 mm 75 - 75 mm 100 - 100 mm 125 - 125 mm 150 - 150 mm 175 - 175 mm 200 - 200 mm ※ Refer to stroke list	<b>Head cover shape</b>  None : Standard  K : Short head	<b>Cushion</b>  None : No cushion <b>C</b> : With cushion ※ Ø12, Ø16 Without cushion	<b>Sensor switch</b>  CS-120 SA 2 None : Without sensor switch <b>SA</b> : Sensor switch code (CS-120) <b>2</b> : Number of sensor switch 1 = 1 PCS 2 = 2 PCS (Suitable for : SDA12)  CS-130 SB 2 None : Without sensor switch <b>SB</b> : Sensor switch code (CS-130) <b>2</b> : Number of sensor switch 1 = 1 PCS 2 = 2 PCS (Suitable for : SDA16 ~ 40)	<b>Mounting type</b>  None : Standard <b>FA</b> : Front flange mounting  <b>LB</b> : Foot mounting  <b>CB</b> : Clevis
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**SBA**  
Pen Cylinder

**SDA**  
Miniature cylinder

**SDX**  
Miniature cylinder

**DBS2**  
Block cylinder

**DBF2**  
Block cylinder

**DBT**  
Block cylinder

**FDA**  
Miniature Cylinder