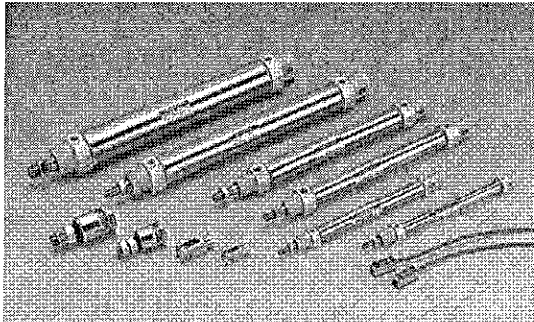


SDA series - Miniature cylinder (Stainless steel tube)

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 ² (kpa)	1 ~ 7 (100 ~ 700)	
Max. service pressure	kgf/cm ² (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	Re 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 20 x 50 L

Ordering expression: SDA - 25 x 150 - C - SA 2 - FA

Model	Bore size	Stroke	Head cover shape	Cushion	Sensor switch	Mounting type
SDA : Standard	12 - Ø12 mm 16 - Ø16 mm 20 - Ø20 mm 25 - Ø25 mm 32 - Ø32 mm 40 - Ø40 mm	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	None : Standard K : Short head	None : No cushion C : With cushion * Ø12, Ø16 Without cushion	None : Without sensor switch CS-120 SA 2 SA : Sensor switch code (CS-120) 2 : Number of sensor switch 1 = 1 PCS 2 = 2 PCS (Suitable for : SDA12)	None : Standard FA : Front flange mounting LB : Foot mounting CB : Clevis
SDAI : Single acting (Normal in)						
SDAD : Double rod type						
SDAF : Multi-position tandem Cylinder						
SDAL : Adjustable stroke cylinder						
SDAM : Tandem cylinder						

- SBA**
Pen Cylinder
- SDA**
Miniature cylinder
- SDX**
Miniature cylinder
- DBS2**
Block cylinder
- DBF2**
Block cylinder
- DBT**
Block cylinder
- FDA**
Miniature Cylinder