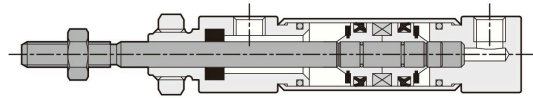


SBA series - Pen cylinder

Operating specification and Ordering expression

CHELIC PNEUMATIC

Internal structure



Specification

Unit : mm

Item	Bore size	Ø6	Ø10	Ø16
Operation		Double / Single acting		
Fluid		Air		
Mounting type		FA, LB, CA, Y, I		
Min. operating pressure	kgf/cm ² (kpa)	0.12 MPa	0.06 MPa	
Max. operating pressure	kgf/cm ² (kpa)	7 (700)		
Operating ambient temperature range	℃	- 10℃ ~ + 60℃		
Range of service speed	mm/sec	50 ~ 700		
Lubrication		Lubrication free		
Port size		M5 x 0.8		
Sensing device		With magnet		

Standard stroke

Unit : mm

Bore size	Stroke for double acting	Stroke for single acting
Ø6	15、30、45、60	15、30、45、60
Ø10	15、30、45、60、75、100、125、150	15、30、45、60
Ø16	15、30、45、60、75、100、125、150、175、200	15、30、45、60

How to order

SBA – **10** × **30** – **SA 2** – **FA**

Model **Bore size** **Stroke** **Sensor switch** **Mounting type**

Ø10 ~ Ø16

SBA : Double acting standard type

Ø10 ~ Ø16

SBB : Double acting standard type

Ø10 ~ Ø16

SBD : Double acting and rod type

Ø6 ~ Ø16

SBR : Double acting type (Air supply from empennage)

06 – Ø6 mm
10 – Ø10 mm
16 – Ø16 mm

Ø6 - 15 ~ 60 mm
Ø10 - 15 ~ 150 mm
Ø16 - 15 ~ 200 mm

※ Refer to stroke list

CS-120

None: Without sensor switch
SA : Sensor switch code (CS-120)
2 : Number of sensor switch (Suitable for : Ø6 - Ø10)

CS-130

None: Without sensor switch
SB : Sensor switch code (CS-130)
2 : Number of sensor switch
1 = 1 PCS
2 = 2 PCS (Suitable for : Ø16)

FA

FA : Front flange mounting

LB

LB : Foot mounting

CA

CA : Single clevis (Suitable for : SBB)

Y

Y : Y Joint

I

I : I Joint

Ø10 ~ Ø16

SBAI : Single acting (Normal in)

Ø6 ~ Ø16

SBR1 : Single acting (Normal in and air supply from empennage)

Ø6 ~ Ø16

SBR2 : Single acting (Normal out and air supply from empennage)

Ø6 ~ Ø16

SBR3 : Single acting (Normal in)

Ø6 ~ Ø16

SBR4 : Single acting (Normal out)

SBA
Pen
Cylinder

SDA
Miniature
cylinder

SDX
Miniature
cylinder

DBS2
Block
cylinder

DBF2
Block
cylinder

DBT
Block
cylinder

FDA
Miniature
Cylinder