



## BF cylinder "SCSA" series

### ■ Features

- Thinner rolling diaphragm with high sensitivity
- Lower slide resistance and better responsiveness



### ■ Specification

Operating style		Single action type		
Cylinder diameter	mm[in.]	40 mm [1.57in]	50 mm [1.97in]	63 mm [2.48in]
Stroke	mm[in.]	- 48 mm [1.89in]	- 64 mm [2.52in]	- 78 mm [3.07in]
Effective pressure receiving area	mm <sup>2</sup>	1100mm <sup>2</sup>	1770mm <sup>2</sup>	2730mm <sup>2</sup>
Spring reaction force	N	Max.19.6 Min.7.8	Max.29.4 Min.14.7	Max.47.0 Min.23.5
Working fluid		Clean compressed air		
Working pressure range	MPa[psi]	0.01 ~ 0.4 [1.5 ~ 58.01]		
Working temperature	°C[°F]	0 ~ 60 [32 ~ 140]		
Bearing		Linear ball bearing		
Mount type *option		Rear flange type, Front flange type, Pivot type, Trunnion type, L type		



# FUJIKURA COMPOSITES

## What's benefits of rolling diaphragm?

- Smooth stroke movement by rolling action of diaphragm
- Low start up pressure and high responsive to minute pressure variations by a thin diaphragm made of basic-cloth rubber within original rubber
- Stable and smooth movement at low speed.
- No lubricator required.
- Stable output pressure at any stroke position
- Available to change materials and to adapt to specific circumstances or forms.

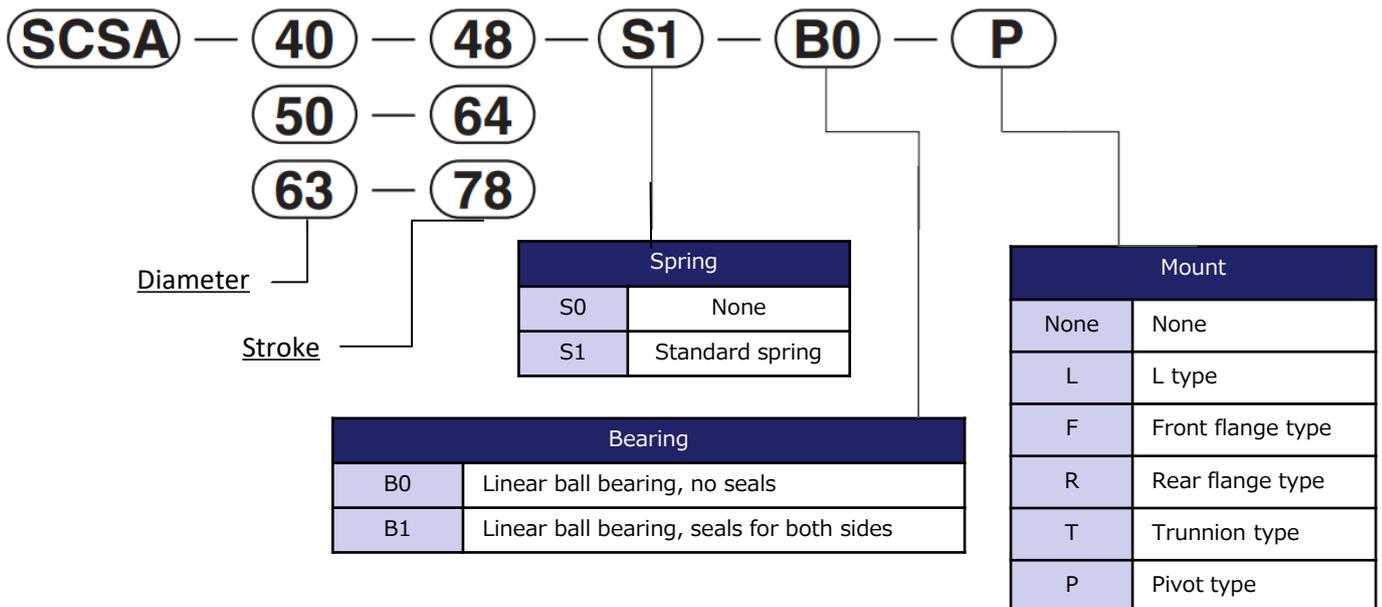


Diaphragm is adopted for moving part.

## Application

- Tension control of gravure printing machines.
- Press control of polishing machines.
- Tension control of film-production facilities for liquid crystals.
- Testing machines, inspection equipment.
- Tension control of industrial film-production facilities

## Model designation



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