



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 ²	1100mm ²	1770mm ²	2730mm ²
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	℃[°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.



■ 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

