Ultra-Compact Gripper with Efficient Mounting Options for **Multiple Gripper System**

Key Features

Ultra-compact parallel hand

The compact gripper, 50mm long, 25mm wide, and 10mm thick. Suitable for handling and assembling small workpieces.

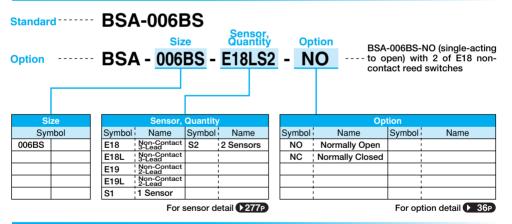
Easy mounting

The gripper can be mounted either from the side (tapped through hole) or the top (tapped hole), which allows multiple grippers to be mounted together in order to clamp multiple workpieces at the same time.

High accuracy and smooth operation with cross roller auide

Cross roller guide used in the sliding material provides high accuracy and smooth motion without backlash.

How To Order



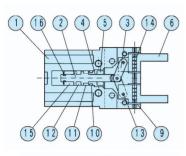
Specification

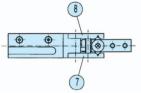
Model	BSA-006BS For Layout Drawing 🕨 47P
Working Pressure	Pneumatic: 0.15 to 0.7MPa
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)
Ambient Temperature (°C)	5 to 60
Total Jaw Stroke (mm)	4
Cylinder Diameter (mm)	dia.6
Rod Diameter (mm)	dia.3
Internal Volume [Reciprocation] (cm3/time)	0.10
Repeatability (mm)	±0.01
Weight (g)	34

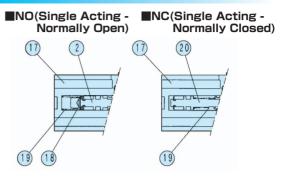


BSA-006BS

Internal Structure / Parts & Seals







Parts List

No.	Name	Material	No.	Name	Material
1	Body	Aluminum	11	Cylinder Seal	
2	Piston	Stainless Steel	12	Piston Seal	
3	Arm	Carbon Steel	13	Operating Shaft	Stainless Steel
4	Piston Guide	Stainless Steel	14	Roller	
5	Piston Guide Holder	Stainless Steel	15	Magnet	
6	Master(Base) Jaw	Carbon Steel	16	Snap Ring	
7	Bearing Guide A	Carbon Steel	17	NO & NC Body	Aluminum
8	Bearing Guide B	Carbon Steel	18	Spring Guide	Stainless Steel
9	Bearing Holder	Stainless Steel	19	NO & NC Spring	Stainless Steel Wire
10	Rod Seal		20	NC Piston	Stainless Steel

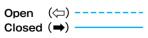
Seals List

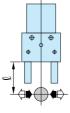
No.	BSA-006BS
10	MYA-3
11	dia.4×dia.1
12	PWP6

Performance Data

Grip Force

The graph shows grip force in opening and closing with effective external finger lengths ℓ from gripper cover surface under different air pressure (MPa)

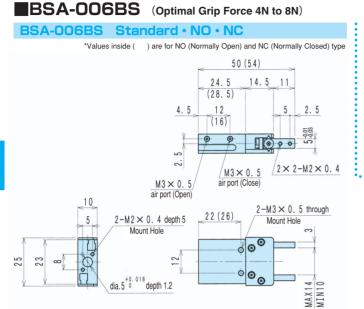




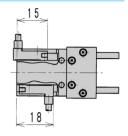


Hand (2-Jaw)

Layout Drawing



BSA-006BS-ES



BSA-006BS



For CAD data, please go to ►518P