



Pneumatic Cylinders II
Catalog No. CB-030SA

Centering hand

BHE Series

● Operating Stroke: 7, 10, 14, 16, 22 mm

Double acting



Specifications

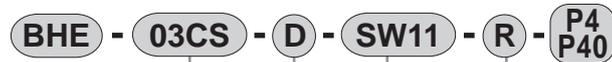
Item	BHE-01CS	BHE-03CS	BHE-04CS	BHE-05CS	BHE-06CS
Bore size mm	ø12	ø16	ø20	ø25	ø32
Working fluid	Compressed air				
Max. working pressure MPa	0.7				
Min. working pressure MPa	0.2				
Ambient temperature °C	5 to 60				
Port size	M3		M5		
Operating Stroke mm	7	10	14	16	22
Rod diameter mm	ø6	ø8	ø10	ø12	ø16
Repeatability mm	±0.01				
Centering precision mm	±0.05				
Product weight kg	0.108	0.154	0.260	0.438	1.040
Lubrication	Not available				

Compatibility table by variation

Applicable bore size		Double acting			
		Standard	Open stroke adjustment mechanism	Close stroke adjustment mechanism	Open and close stroke adjustment mechanism
			D	E	DE
ø12 to 32	P4	●	●	●	●
	P40	●	●	●	●

●: Applicable models ○: Semi-applicable models ▲: Contact CKD for details. □: Not applicable

How to order



A Size

B Option

C Switch model No.

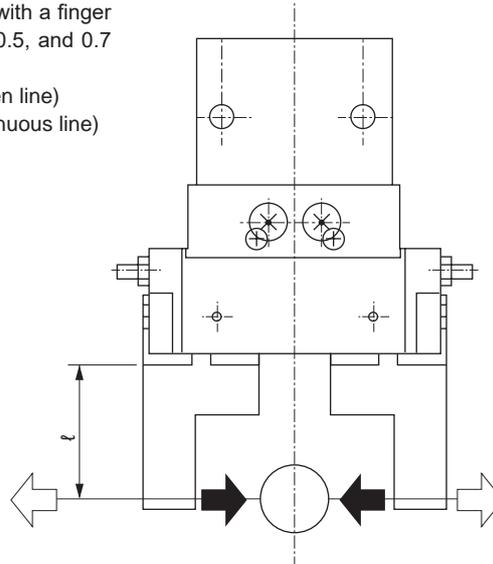
D Switch quantity

Code	Description
A Size	
01CS	
03CS	
04CS	
05CS	
06CS	
B Option	
Blank	Standard
D	Open stroke adjustment mechanism
E	Close stroke adjustment mechanism
DE	Open and close stroke adjustment mechanism
C Switch model No.	
Refer to the compatibility table on Intro Pages 23 to 26 for switch model No.	
D Switch quantity	
R	1 on open side
H	1 on closed side
D	2

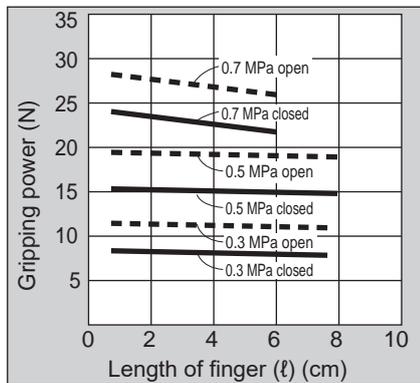
Gripping power performance data

The gripping force in the opening/closing directions with a finger length l of the hand with a supply pressure of 0.3, 0.5, and 0.7 MPa is shown.

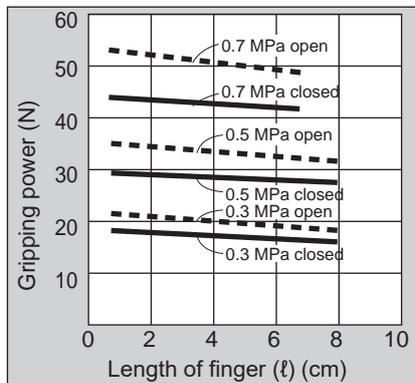
- Open direction (←) - - - - - (shown with broken line)
- Close direction (→) ——— (shown with continuous line)



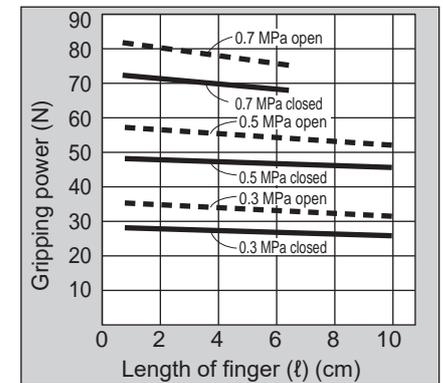
● BHE-01CS



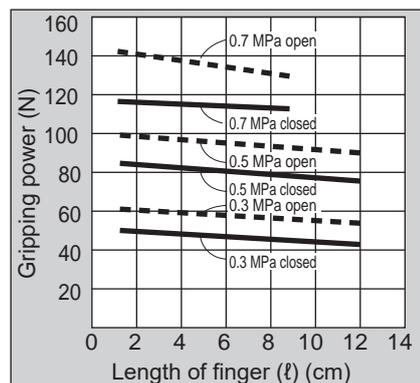
● BHE-03CS



● BHE-04CS



● BHE-05CS



● BHE-06CS

