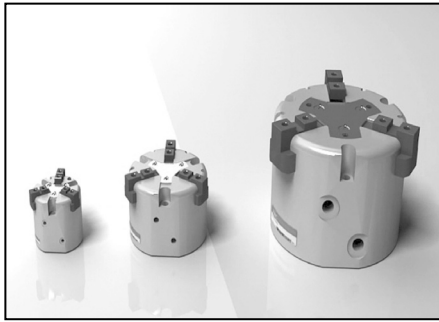


NFC3 Series

3 Finger Type Air Chuck / Bore Size : Ø16, Ø20, Ø25, Ø32, Ø40, Ø50, Ø63, Ø80

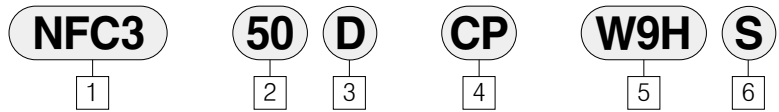
Actuator
Cylinder

NFB3 Series



- ▶ Suitable structure for gripping of different diameter work pieces
- ▶ High repeatability : $\pm 0.01\text{mm}$
- ▶ Obtaining long life system with compact and durable construction by slide way
- ▶ Center pusher option type (Ø50, Ø63, Ø80)

How to Order



1 3 Finger Air Chuck

2 Bore Sizes

Number	Bore Sizes
16	Ø16
20	Ø20
25	Ø25
32	Ø32
40	Ø40
50	Ø50
63	Ø63
80	Ø80

3 Action

D: Double acting

4 Auto Switch

Blank : No Switch

W9H : Micro solid state auto switch (horizontal)

W9V : Micro solid state auto switch (vertical)

W10V : Micro solid state auto switch (10mm horizontal)

5 Number of Switches

Blank : 2 switches

S : 1 switch

Specification

Type	NFC3-16D	NFC3-20D	NFC3-25D	NFC3-32D	NFC3-40D	NFC3-50D	NFC3-63D	NFC3-80D
Bore Size(mm)	16	20	25	32	40	50	63	80
Opening / Closing(mm)	4		6	8		12	16	20
Gripping Force (N))	Closing	16	28	51	83	132	207	343
	Opening	18	34	56	94	147	236	368
Port Size	M3			M5				Rc 1/8
Weight (gf)	78	120	168	278	416	604	1062	1988
Max Gripping Length	30	35	40	45	50	60	70	80
Fluid	Air							
Operating Pressure	0.2 ~ 0.6			0.1 ~ 0.6				
Lubricant	Not Necessary							
Ambient and Fluid Temperature	5~60							
Repeatability	± 0.01							
Max Operating Frequency	120			60				30
Auto Switch	W9H, W9V, W10V							

Note 1) Values are checked at 0.5M Pa and with gripping point L = 10 mm

Note 2) Auto switch W10V is recommended for NFC3-16D, NFC3-20D, NFC3-25D, and W9H and W9V are recommended for NFC3-32D, NFC3-40D, NFC3-50D