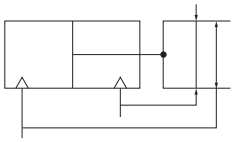
530-550-NF 2012.9.7 3:16 PM 페이지531 한국원색인쇄사

NFHL2



Symbol



How to Order

NFHL2 — 20 D ○ — W9H S - LAE

1 2 3 4 5 6

1 AIR CHUCK Series
New
Finger
Horizontal
Long stroke
2 : Number of fingers

2 Bore Size -Opening/Closing Stroke(mm)

Title	Bore Size	Opening/Closing Stroke
10	10	8
16	16	12
20	20	18
25	25	22

3 Action
D : Double Acting type
S : Single Acting type(contact)

4 Finger option
Blank: Basic type (opening/closing direction)
1 : Side-tapped mounting
2 : Through-holes in opening/closing direction

5 Auto Switch
Blank : None (Built-in magnet)
W9H : Micro solid state switch (Horizontal type)
W9V : Micro solid state switch (Vertical type)
W20H: Solid state switch (2 color)

6 Number of switches
Blank: 2 pcs
S : 1 pc

Specification Along Dimensions

Type		NFHL2-10D	NFHL2-16D	NFHL2-20D	NFHL2-25D
Bore Size (mm)		10	16	20	25
Opening/Closing Stroke (mm)	Closing Width	11	15	16	19
	Opening Width	19	27	34	41
	Stroke	8	12	18	22
Theoretical Gripping Force(kgf) Air Pressure Applied 5kgf/cm²	Closed	1.2	3.2	4.8	6.6
	Opened	1.9	5.2	7.4	11.2
Port Size		M3	M5	M5	M5
Main Body Weight(kgf)		0.06	0.15	0.31	0.56
Maximum Gripping Length L(mm)		30	35	60	80
Fluid		Air	Air	Air	Air
Operating Pressure		3 ~ 7	3 ~ 7	3 ~ 7	3 ~ 7
Lubricant Applied		Unnecessary	Unnecessary	Unnecessary	Unnecessary
Ambient and Fluid Temperature		5 ~ 60	5 ~ 60	5 ~ 60	5 ~ 60
Repeat Opening/Closing Location Distance(mm)	Initial Value	±0.01	±0.01	±0.01	±0.01
	After 1 million Times Operation	±0.1	±0.05	±0.05	±0.05
Critical Performance Times(C.P.M)		120	120	120	120
Auto Switch for Opening/Closing Checking		W9H,W9V, W20H	W9H,W9V, W20H	W9H,W9V, W20H	W9H,W9V, W20H

Note 1) Theoretical gripping force is the value at stroke center.