

SPECIAL GRIPPERS / Floating Suction Cup(R type) – Side vacuum

NF40-RA

Features and Strengths

Integrated with multi-stage vacuum generator
 Large vacuum flow and powerful suction force in non-contact handling in non-contact handling
 Vacuum port on the side – Available to keep clean on surface for transfer
 Vacuum flow adjustment



Examples of use

Circuit boards, Solar cells, PCB boards, Wafer, Food, Paper Film, CDs and DVDs

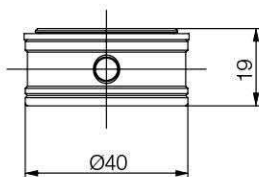
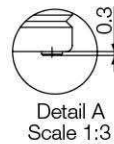
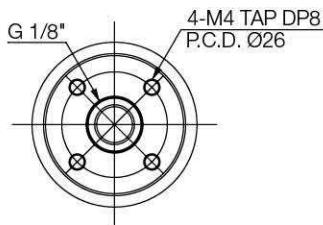
Recommended Lifting Force (Max.)

Model	Operating Pressure (bar)	Air Consumption (NI/min)			Lifting Force (Kg) – Perpendicular		
		4bar	5bar	6bar	4bar	5bar	6bar
NF40-06-RA-18F	4~6						
NF40-12-RA-18F	4~6	118	140	162	0.5~0.6	0.6~0.7	0.7~0.8

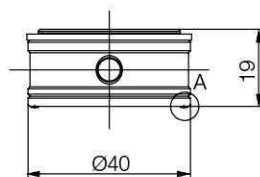
※ The lifting force above does not include safety factor

Dimension

[Unit : mm]



[With 18F fitting]



[With peek points]

Build an Ordering No.

NF40 - ○○ - RA - ○○ - 18F

: Pre-mounted fitting

1. Suction Cup

1. Suction cup	Description	Weight (g)	Symbol
	Adjustable floating suction cup, 40mm diameter, Aluminum, G1/8 female fitting	47.8	NF40-06-RA-18F
	Adjustable floating suction cup, 40mm diameter, 5-Peek points, Aluminum, G1/8 female fitting	47.84	NF40-06-RA-5P-18F
	Adjustable floating suction cup, 40mm diameter, 9-Peek points, Aluminum, G1/8 female fitting	47.91	NF40-06-RA-9P-18F
	Adjustable floating suction cup, 40mm diameter, Large flow, Aluminum, G1/8 female fitting	47.91	NF40-12-RA-18F
	Adjustable floating suction cup, 40mm diameter, Large flow, 5-Peek points, Aluminum, G1/8 female fitting	47.6	NF40-12-RA-5P-18F
	Adjustable floating suction cup, 40mm diameter, Large flow, 9-Peek points, Aluminum, G1/8 female fitting	47.71	NF40-12-RA-9P-18F

SPECIAL GRIPPERS / Floating Suction Cup(R type) – Side vacuum

NF60-RA

Features and Strengths

Integrated with multi-stage vacuum generator
 Large vacuum flow and powerful suction force in non-contact handling in non-contact handling
 Vacuum port on the side – Available to keep clean on surface for transfer
 Vacuum flow adjustment



Examples of use

Circuit boards, Solar cells, PCB boards, Wafer, Food, Paper Film, CDs and DVDs

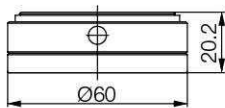
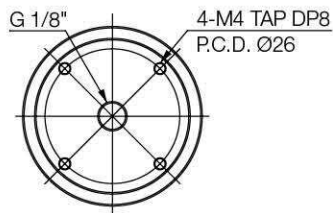
Recommended Lifting Force (Max.)

Model	Operating Pressure (bar)	Air Consumption (NI/min)			Lifting Force (Kg) – Perpendicular		
		4bar	5bar	6bar	4bar	5bar	6bar
NF60-06-RA-18F	4~6						
NF60-12-RA-18F	4~6	160	190	223	0.5~1.2	0.7~1.5	0.9~1.8

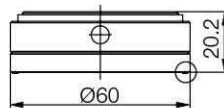
※ The lifting force above does not include safety factor

Dimension

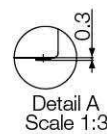
[Unit : mm]



[With 18F fitting]



[With peek points]



Build an Ordering No.

NF60 - ○○ - RA - ○○ - 18F

: Pre-mounted fitting

1. Suction Cup

1. Suction cup	Description	Weight (g)	Symbol
	Adjustable floating suction cup, 60mm diameter, Aluminum, G1/8 female fitting	128.2	NF60-06-RA-18F
	Adjustable floating suction cup, 60mm diameter, 5-Peek points, Aluminum, G1/8 female fitting	128.24	NF60-06-RA-5P-18F
	Adjustable floating suction cup, 60mm diameter, 9-Peek points, Aluminum, G1/8 female fitting	128.34	NF60-06-RA-9P-18F
	Adjustable floating suction cup, 60mm diameter, Large flow, Aluminum, G1/8 female fitting	128	NF60-12-RA-18F
	Adjustable floating suction cup, 60mm diameter, 5-Peek points, Large flow, Aluminum, G1/8 female fitting	128.04	NF60-12-RA-5P-18F
	Adjustable floating suction cup, 60mm diameter, 9-Peek points, Large flow, Aluminum, G1/8 female fitting	128.11	NF60-12-RA-9P-18F