

SPECIAL GRIPPERS / Floating Suction Cup

NF60

Features and Strengths

Integrated with multi-stage vacuum generator
Large vacuum flow and powerful suction force in non-contact handling

Examples of use

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



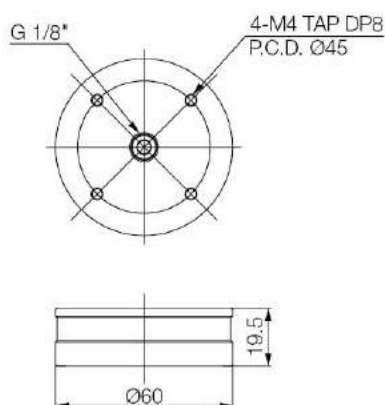
Recommended Lifting Force (Max.)

| Model | Operating Pressure (bar) | Air Consumption (NI/min) | | | Lifting Force (Kg) – Perpendicular | | |
|---------|--------------------------|--------------------------|------|------|------------------------------------|------|------|
| | | 4bar | 5bar | 6bar | 4bar | 5bar | 6bar |
| NF60-06 | 4~6 | 105 | 123 | 126 | 0.59 | 0.79 | 0.89 |
| NF60-12 | 4~6 | 160 | 190 | 223 | 0.99 | 1.25 | 1.49 |

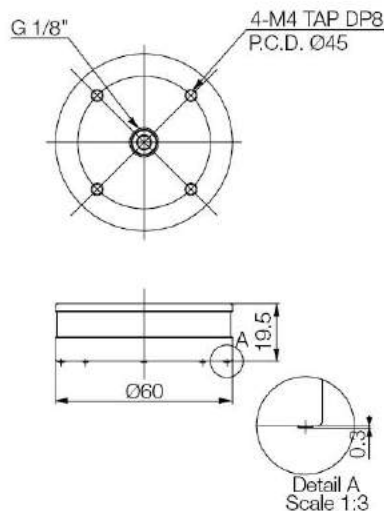
※ The lifting force above does not include safety factor

Dimension

[Unit : mm]



[Without peek points]



[With peek points]



Build an Ordering No.

NF60 - ○○○ - ○○○ - 18F

: Pre-mounted fitting

1. Suction Cup

| 1. Suction cup | Description | Weight (g) | Symbol |
|----------------|---|------------|------------------|
| | Floating suction cup, 60mm diameter, Aluminum, Fitting, G1/8 female fitting | 130.1 | NF60-06-A-18F |
| | Floating suction cup, 60mm diameter, Peek, G1/8 female fitting | 62.22 | NF60-06-P-18F |
| | Floating suction cup, 60mm diameter, Large flow, Aluminum, G1/8 female fitting | 129.6 | NF60-12-A-18F |
| | Floating suction cup, 60mm diameter, Large flow, Peek, G1/8 female fitting | 62.47 | NF60-12-P-18F |
| | Floating suction cup, 60mm diameter, 9-Peek points, Aluminum, G1/8 female fitting | 130.25 | NF60-06-9P-18F |
| | Floating suction cup, 60mm diameter, 9-Peek points, Peek, G1/8 female fitting | 62.37 | NF60-06-P-9P-18F |
| | Floating suction cup, 60mm diameter, Large flow, 9-Peek points, Aluminum, G1/8 female fitting | 129.75 | NF60-12-9P-18F |
| | Floating suction cup, 60mm diameter, Large flow, 9-Peek points, Peek, G1/8 female fitting | 62.62 | NF60-12-P-9P-18F |