

Series **NBU**

B – Unit



PAT

- HIGH SPEED AIR SPRAY THROUGH NOZZLE GENERATES DIFFERENTIAL PRESSURE AT GLASS SURFACE, WHICH INDUCES SUCTION PHENOMENON AT GLASS SURFACE, SO THAT INDUCES STABLE ELEVATION.
- COMFORTABLE LEVELING WITH APPLICATION OF FLEXIBLE PAD, AND UPGRADED ELEVATION WITH EXCELLENT ADHESION TO WORK SURFACE OWING TO TILT (2°) FUNCTION
- ADVANTAGEOUS FOR ELEVATION OF HEAVY MATERIALS OWING TO HIGH RESOLUTION ARRANGEMENT WITH PARALLEL SECTION SHAPE AT EXTERNAL MOUNTING PART

SB

NF

NR

ASL

LOW SPEED
CYLINDERCHANGE OF
ROD END SHAPETPC-1000
TPC-1200

SAH

NBU

ACU

SE

ARM

How to Order

NBU 10 B – 30

1 2 3 4

1 NBU = Air Blow Unit

2 Nozzle Diameter

10 : Ø1 (mm)
25 : Ø2.5 (mm)

3 PAD

B : Blow Type Pad
V : Vacuum Type Pad

4 PAD External Diameter

30 : Ø30 (mm)

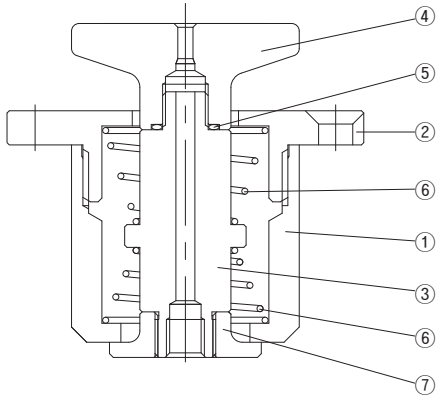
Product Specifications

Cylinder specification

Item	Dimension		Remark
	NBU 10	NBU 25	
Fluid	Air		
Elevation Weight	0.3 kgf/1EA		
Maximum Pressure	0.1~0.5 Mpa (1~5 kgf/cm ²)		
Flux Consumption	45 ℓ /min	33 ℓ /min	
Elevation Height	0.3~0.5mm		

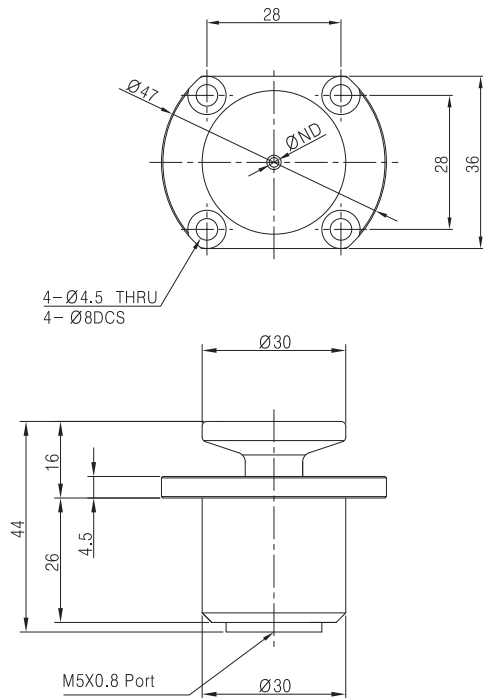
Series NBU

Construction/Parts List



No.	Item number	Material	Quantity	Remark
1	Body	Aluminum Alloy	1	
2	Cover	Aluminum Alloy	1	
3	Shaft	Stainless Steel	1	
4	PAD	Engineering Plastic (V-Type)	1	
5	Gasket	Rubber	1	
6	Spring	Spring Steel	2	
7	End Plate	Aluminum Alloy	1	

External Dimension Drawing



Nozzle Diameter	10	25
ØND	Ø1	Ø2.5

Series NBU

Air Consumption Estimation Sheet

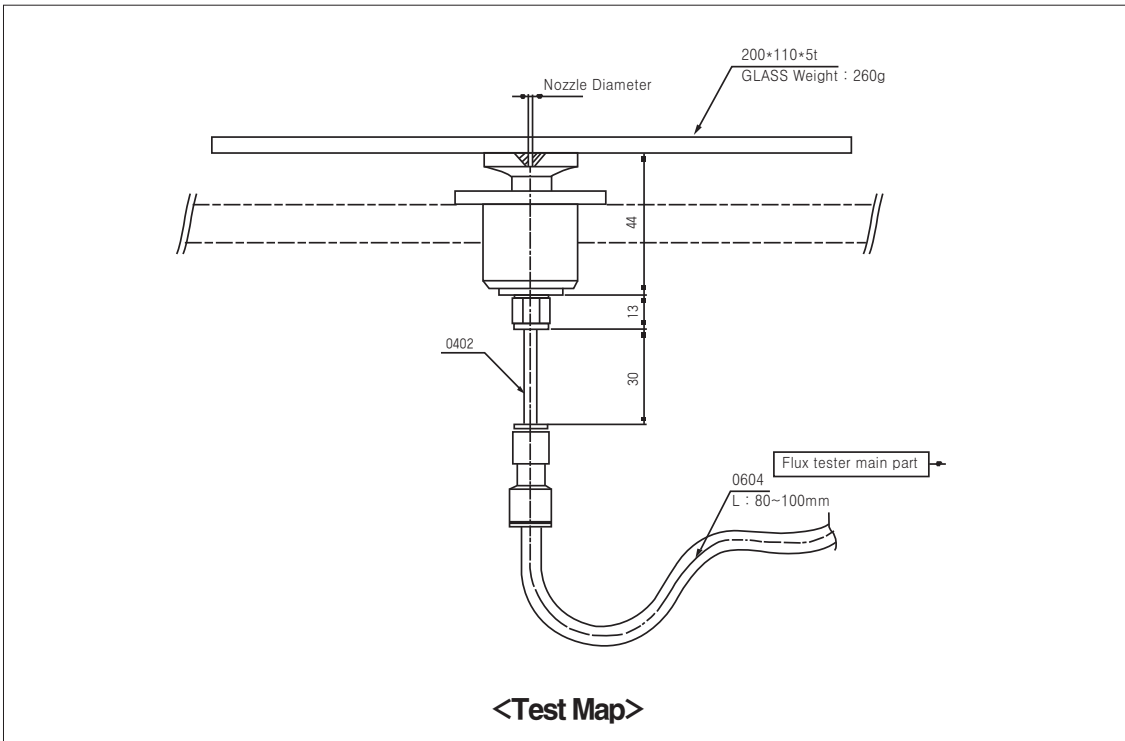
Air Consumption Along Pressure Supplied: Nozzle Diameter Ø1.0

Pressure(kgf/cm ²)		1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Air Consumption (ℓ/min)	Non-Loading Condition	19	23	27	31	35	40	44	48	52
	When Glass Loading	18	21	25	29	33	37	42	45	49

Air Consumption Along Pressure Supplied: Nozzle Diameter Ø2.5

Pressure(kgf/cm ²)		1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Air Consumption (ℓ/min)	Non-Loading Condition	49	60	71	82	93	104	116	128	139
	When Glass Loading	11	14	17	20	23	26	29	33	38

- SB
- NF
- NR
- ASL
- LOW SPEED CYLINDER
- CHANGE OF ROD END SHAPE
- TPC-1000
TPC-1200
- SAH
- NBU**
- ACU
- SE
- ARM



※ In case tube length and test conditions are different to test map above, the result may differ.