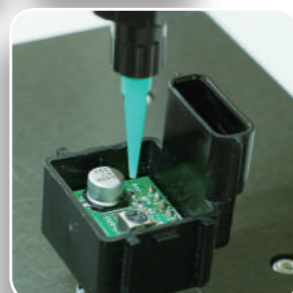
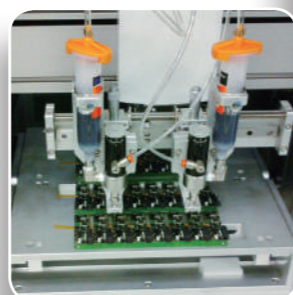


TAEHA's Pneumatic metering valves are widely used in various industries to provide reliable and accurate dispensing solutions. From low-viscosity materials to high-viscosity materials that are difficult to dispense, we have a lineup of valves that can dispense accurately and consistently. Excellent product quality control by owning a dedicated facility that processes and produces valve precision parts. Experience highly reliable metering valves that combine the expertise of TAEHA's long-standing dispenser with our unique valve design.



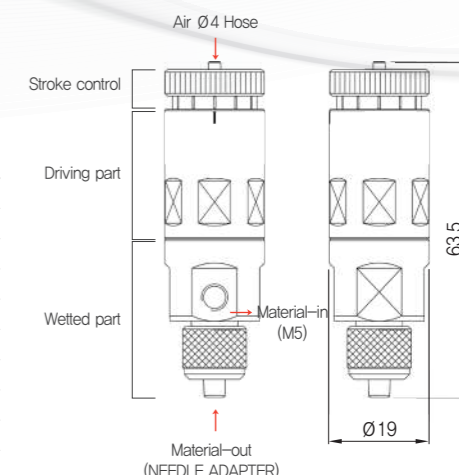
Mini Diaphragm Valve

DV-10

- Features
Excellent for dispensing low-viscous material in a small and fine quantity
- Applicable Material
Low viscosity material such as reagent, solvent, flux, ink, electrolyte, etc

- Specifications

Dimension(mm)		Ø19.0 x L63.5
Weight		80g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 0.6MPa
Port Size	Air_IN	Ø4 Hose
	Material_IN	M5
	Material_OUT	LUER LOCK(male)
Flux (KV value)		1.1L/min
Driving Part Material		SUS303
Wetted Part Material		SUS303, UHMW-PE



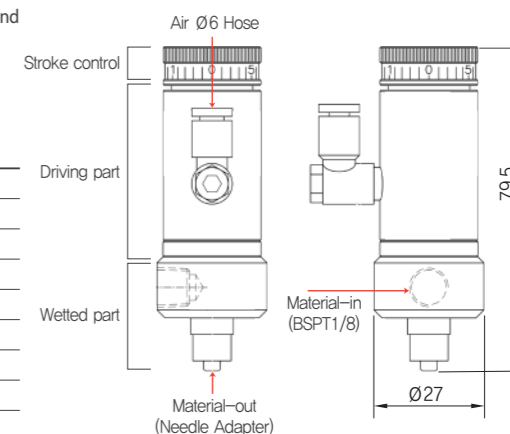
Diaphragm Valve

DV-100

- Features
Excellent for dispensing low-viscous material in a small and fine quantity. Good chemical resistance due to polymer material of wetted part
- Applicable Material
Low viscosity material such as reagent, solvent, instant glue, anaerobic adhesive, flux, ink, electrolyte, etc

- Specifications

Dimension(mm)		Ø27.0 x L79.5
Weight		80g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 0.5MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)
Flux (KV value)		0.3L/min
Driving Part Material		Aluminum
Wetted Part Material		UHMW-PE



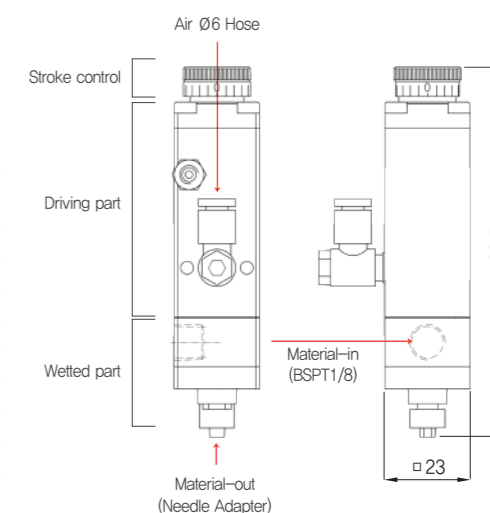
Needle Valve

DV-200

- Features
Durable through using of diaphragm. Simple structure for application to various materials.
- Applicable Material
Low~medium viscosity material such as solvent, silicone oil, epoxy, containing filler, etc

- Specifications

Dimension(mm)		□ 23.0 x L99.5
Weight		170g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 0.6MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)
Flux (KV value)		1.7L/min
Driving Part Material		Aluminum
Wetted Part Material		SUS303





Needle Valve

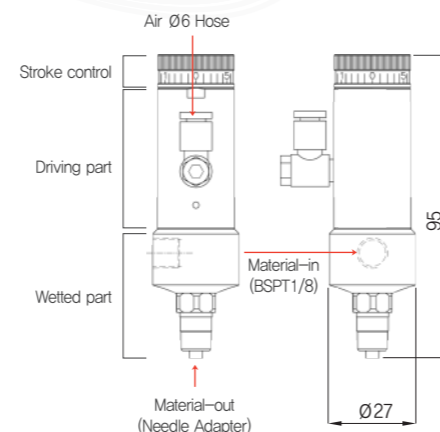
DV-200S



- Features
Suitable for material requiring fine dispensing. Less ball-up effect and easy for needle replacement
- Applicable Material
Low~ medium viscosity material

- Specifications

Dimension(mm)	Ø27.0 x L95.0	
Weight	140g	
Driving Air Pressure	More than 0.4MPa	
Material Feeding Pressure	Max. 0.5MPa	
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)
Flux (KV value)	0.6L/min	
Driving Part Material	Aluminum	
Wetted Part Material	SUS303, PEEK	



Poppet Valve

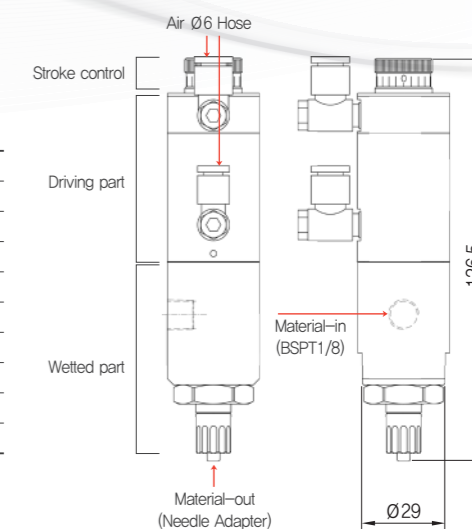
DV-300



- Features
Due to designing of snuff-back structure, less ball-up effect after dispensing
- Applicable Material
Low~ medium viscosity material

- Specifications

Dimension(mm)	Ø29.0 x L126.5	
Weight	200g	
Driving Air Pressure	More than 0.4MPa	
Material Feeding Pressure	Max. 0.6MPa	
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)
Flux (KV value)	2.4L/min	
Driving Part Material	Aluminum	
Wetted Part Material	Aluminum	



Needle Valve

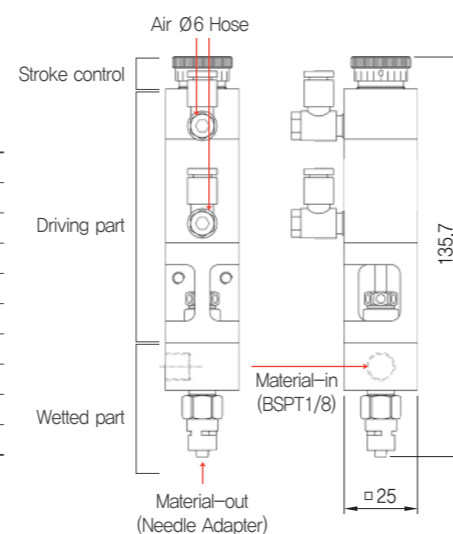
DV-200H



- Features
Knob for easy regulating the flux, Good durability due to special seal structure
- Applicable Material
High viscosity of RTV silicone and grease, epoxy, etc

- Specifications

Dimension(mm)	□25.0 x L135.7	
Weight	240g	
Driving Air Pressure	More than 0.4MPa	
Material Feeding Pressure	Max. 25.0MPa	
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)
Flux (KV value)	1.5L/min	
Driving Part Material	Aluminum	
Wetted Part Material	SUS303	



Poppet Valve

DV-300R

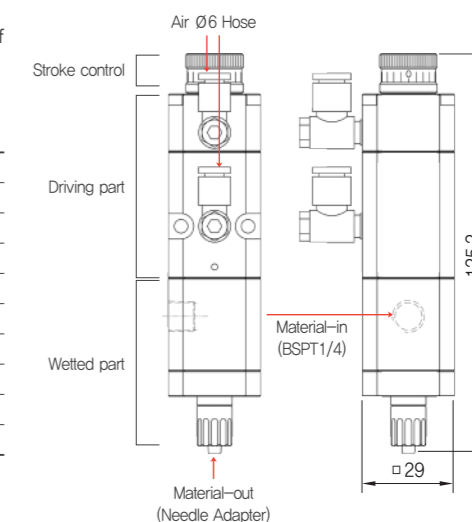


- Features
For Medium/high pressure of DV-300, Due to designing of snuff-back structure, less ball-up effect after dispensing
- Applicable Material
Medium~high viscosity material

- Specifications

Dimension(mm)	□29.0 x L125.2	
Weight	260g	
Driving Air Pressure	More than 0.4MPa	
Material Feeding Pressure	Max. 5.0MPa	
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/4
	Material_OUT	LUER LOCK(male)
Flux (KV value)	1.8L/min	
Driving Part Material	Aluminum	
Wetted Part Material	Aluminum	

* Option : AN Fitting (1/4", 3/8", 1/2", 3/4")



Needle Valve

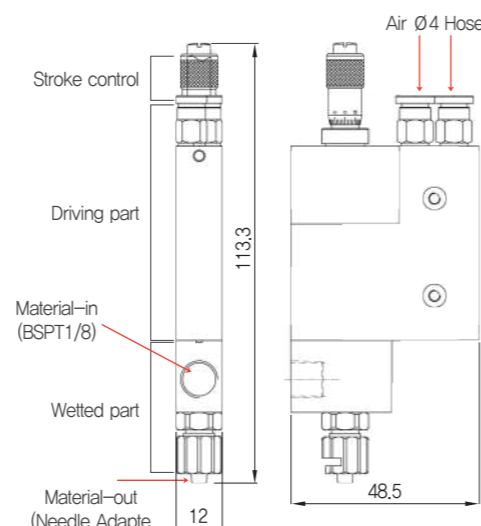
DV-20F



- Features
Lightweight and compact type that's good for multi-structure design, Less ball-up effect due to open/close at the highest end Excellent for a precise and small dot of dispensing by minimizing the internal volume of the material contacting unit
- Applicable Material
Low~ medium viscosity material

- Specifications

Dimension(mm)	W12.0 x D48.5 x H113.3	
Weight	140g	
Driving Air Pressure	More than 0.4MPa	
Material Feeding Pressure	Max. 0.5MPa	
Port Size	Air_IN	Ø4 Hose
	Material_IN	BSPT 1/8
	Material_OUT	NEEDLE ADAPTER (NUT type)
Flux (KV value)	0.5L/min	
Driving Part Material	Aluminum	
Wetted Part Material	SUS303	



Poppet Valve

DV-300HF

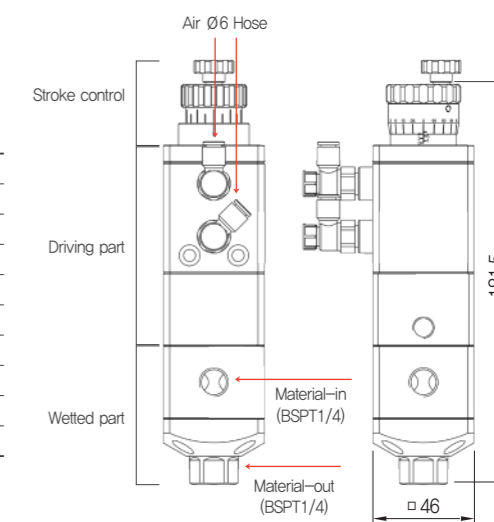


- Features
For high-pressure, Excellent for material containing filler and good for great volume of flux
- Applicable Material
High viscosity material

- Specifications

Dimension(mm)	□46.0 x L181.5	
Weight	850g	
Driving Air Pressure	More than 0.4MPa	
Material Feeding Pressure	Max. 15.0MPa	
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/4
	Material_OUT	BSPT 1/4
Flux (KV value)	1.9L/min	
Driving Part Material	Aluminum	
Wetted Part Material	Aluminum	

* Option : AN Fitting (1/4", 3/8", 1/2", 3/4")





Poppet Valve

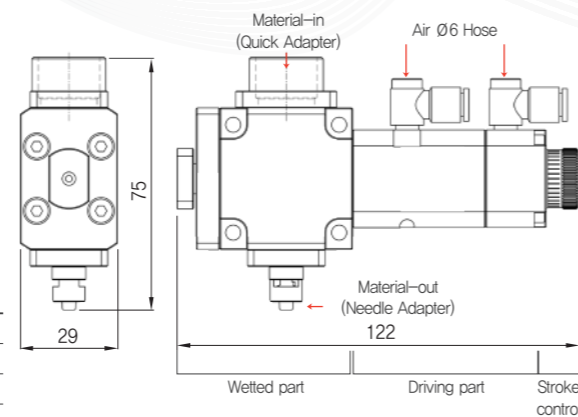
DV-300RH



- **Features**
Horizontal type of DV-300R,
Due to designing of snuff-back
structure, less ball-up effect
after dispensing
- **Applicable Material**
Low~ medium viscosity material

- Specifications

Dimension(mm)		W29.0 x D122.0 x H75.0
Weight		340g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 0.5MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	exclusive QUICK ADAPTER
	Material_OUT	LUER LOCK(male)



Flux (KV value)	1.9L/min
Driving Part Material	Aluminum
Wetted Part Material	Aluminum

Poppet Valve

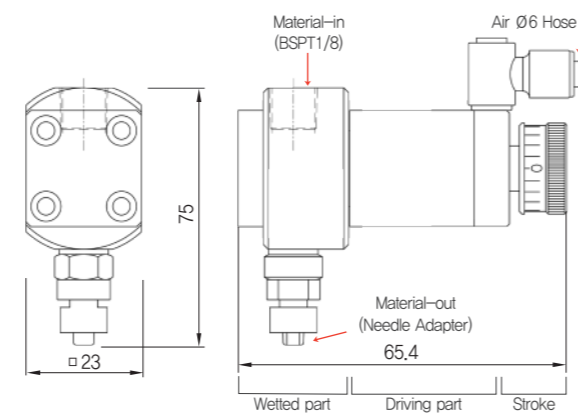
DV-30H



- **Features**
Small & horizontal type of DV-300
Good for installing to multi-head
- **Applicable Material**
Low~ medium viscosity material

- Specifications

Dimension(mm)		W23,0 x D65,4 x H51,0
Weight		82g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 0.6MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)



Flux (KV value)	1.2L/min
Driving Part Material	Aluminum
Wetted Part Material	SUS303

Poppet Valve

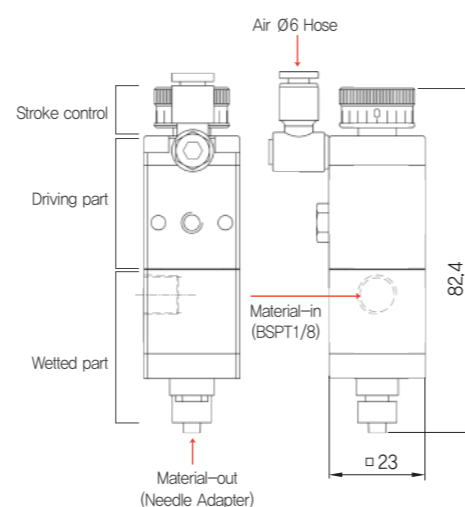
DV-30V



- **Features**
Small & vertical type of DV-300
Good for installing to multi-head
- **Applicable Material**
Low~ medium viscosity material

- Specifications

Dimension(mm)		□ 23.0 x L82.4
Weight		82g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 0.6MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	LUER LOCK(male)
Flux (KV value)		1.2L/min
Driving Part Material		Aluminum
Wetted Part Material		Aluminum



Spool Valve

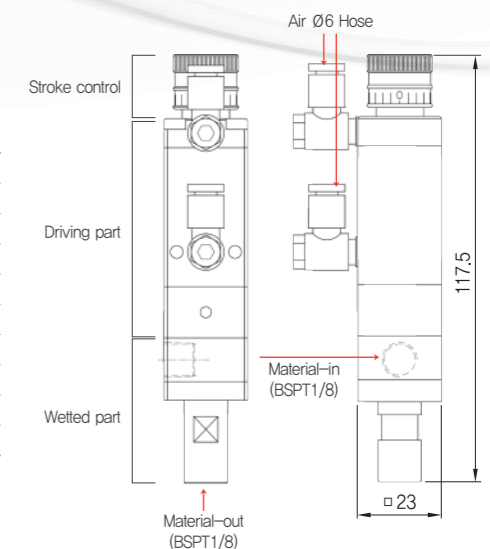
DV-400



- **Features**
A durable high-pressure valve. Due to excellent snuff-back
structure, less ball-up effect after dispensing
- **Applicable Material**
Medium~high viscosity material

- Specifications

Dimension(mm)		□ 23.0 x L117.5
Weight		260g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 5.0MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/8
	Material_OUT	BSPT 1/8
Flux (KV value)		2.1L/min
Driving Part Material		SUS303
Wetted Part Material		SUS303



Spool Valve

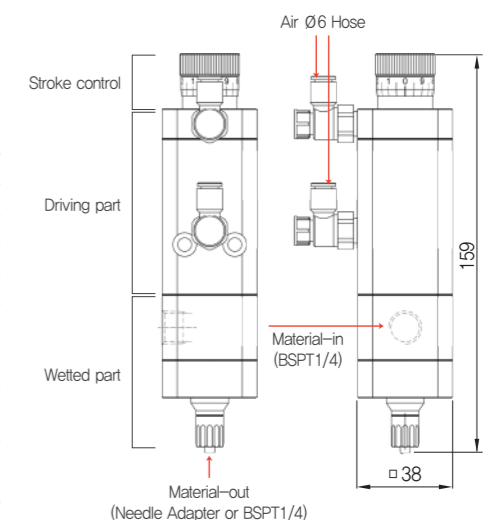
DV-4000



- **Features**
A durable high-pressure valve. Due to excellent snuff-back
structure, less ball-up effect after dispensing
- **Applicable Material**
Medium~high viscosity material

- Specifications

Dimension(mm)		□ 38.0 x L159.0
Weight		480g
Driving Air Pressure		More than 0.4MPa
Material Feeding Pressure		Max. 15.0MPa
Port Size	Air_IN	Ø6 Hose
	Material_IN	BSPT 1/4
	Material_OUT	LUER LOCK(male), BSPT 1/4
Flux (KV value)		2.3L/min(LUER LOCK), 3.5L/min(BSPT1/4)
Driving Part Material		Aluminum
Wetted Part Material		Aluminum



Slide Valve

DV-50W



- **Features**
Excellent for various applications as the
material of the wetted part can be
changed according to the material used

- **Features**
Excellent for dispensing high-filler materials in a precise
and tiny quantity
- **Applicable Material**
Medium~high viscosity material and material containing
high-filler (solder paste, silver paste, thermal grease, etc)

- Specifications

Dimension(mm)		W29.0 x D63.0 x H73.5
Weight		200g
Driving Air Pressure		More than 0.45~0.6MPa
Material Feeding Pressure		Max. 10.0MPa
Port Size	Air_IN	Ø4 HOSE
	Material_IN	LUER LOCK , BSPT 1/4
	Material_OUT	LUER LOCK(male)
Flux (KV value)		1.7L/min
Driving Part Material		Aluminum
Wetted Part Material		AL, WC, HSS

