

Butterfly Valve Type 57

Pneumatic Actuated Type AR

The Solution to your Corrosion Problem

Valves and Actuators Made of Thermoplastic! A Butterfly Valve with Excellent Corrosion Resistance

Valve size : 40 mm to 200 mm (Butterfly valve Type 57)
Actuation model : Type AR
Operating pressure : 0.4MPa~0.7MPa

A world first, the development of a thermoplastic actuator with a maximum bore size of 125mm!
Finally, an AR-type actuator that can be mounted on butterfly valves!

*According to our research



Double action



Air to open,
Air to close

Feature 1

High corrosion resistance and functionality achieved by thermoplastic components!

Feature 2

Lighter and more compact. Weight reduced by up to 40%*

*Compared to conventional products

Feature 3

Numerous helpful features informed by feedback from customers on-site!

Model Number

Drive	Model	Drive part model	Actuation	Body material	Sealing material	Connection	Standard	Size	High Purity Series
A	57	L	*	*	*	W	*	***	2
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
A Automatic valve	57 Type 57	L Type AR	F Double action	U U-PVC	E EPDM	W Wafer	1 JIS 10K	040 40mm	2 Wetted Parts Lubricant Free
			G Air to open	P PP	V FKM		5 JIS 5K	?	
			S Air to close	F PVDF			D DIN	200 200mm	
							A ANSI		

* Reverse or direct acting FKM 200mm cannot be manufactured.

Actuator Specifications

Actuation	Double acting, Air to open, Air to close
Air supply port size	Rc 1/4
Actuation	0.4 - 0.7 Mpa
Housing material	PP-GF
Operating ambient temperature range	-10 to 60 °C * When the operating ambient temperature is 5° C or less, take measures to remove moisture and freeze the operating air.

Feature 1

High Corrosion Resistance and Functionality Realized by Thermoplastic Drive Components

- Corrosion resistance: No need to worry about corrosion or rust due to corrosive gases, coastal equipment, etc.
- Waterproof: IP67 (dustproof and splash-proof) structure ensures no concern about internal water ingress

The housing is also made of highly corrosion-resistant thermoplastic

Our unique mounting base keeps the joints concealed

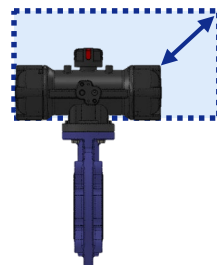


Feature 2

Lighter and more Compact. The Weight Has been Reduced by Up to 40%*

- Weight reduction: up to 40% less weight*¹
- Compact: Reduced external dimensions contribute to space-saving*²

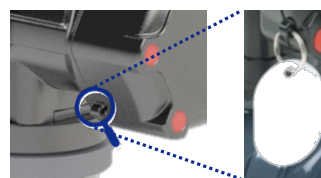
*1, 2 Compared to conventional products



Feature 3

Numerous Helpful Features Based on Feedback from Customers On-site!

- NAMUR compliant
- Tag holes for convenient identification
- By selecting the color of the indicator and rubber cap, Easy identification of lines such as fluids and applications
- Customized products can also be manufactured to meet customer needs



Tag hole



Indicator rubber caps available in five different colors

Standard Option

Combination No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Solenoid valve (drip-proof/explosion-proof)	○						○	○	○				
Filter-regulator							○		○			○	
Speed controller	◎	○	◎				◎	◎	◎	◎	○		
Bypass valve	◎		○				◎	◎	◎	○			
Limit switch BOX				○				○	○	○	○		
Positioner (electro-pneumatic/pneumatic)					○							○	
Full opening adjustment mechanism						○							
Open/Close counter													○

See HP Catalogue for Detailed Instructions on the Application.

Asahi Type AR Butterfly Search

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