

New Product Ball Valve Electric Actuated Type TC

Further Evolved! All-Thermoplastic Electric Actuator



Feature 1

Packed with Useful Functions

Feature 2

Compact, Lightweight, Energy-Saving

Feature 3

High Environmental Resistance

Model Code Lists and Actuator Specifications

■ Ball Valve Type 21 / 21α Model Code List

Actuation	Type	Actuator Type	Power Source	Body Material	Seal Material	Connection	Standard	Size	High-Purity Series	Terminal Box
A	*	C	U	*	*	*	*	*	*	*
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
A Automatic Valve	21 Type 21 2A Type 21α	C Type TC	U AC95 ~265V	U U-PVC C C-PVC P PP F PVDF	E EPDM V FKM	F Flanged end S Socket end N Threaded end P Spigot end	J JIS 1 JIS 10K 5 JIS 5K D DIN A ANSI	015 15mm 100 100mm	0 Non-oil-free 1 Oil-free	0 No D Yes

■ Three-Way Ball Valve Type 23 Model Code List

Actuation	Type	Actuator Type	Power Source	Body Material	Seal Material	Connection	Standard	Size	High-Purity Series	Terminal Box
A	23	C	U	*	*	*	*	*	*	*
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
A Automatic Valve	23 Type 23	C Type TC	U AC95 ~265V	U U-PVC C C-PVC P PP F PVDF	E EPDM V FKM	F Flanged end S Socket end N Threaded end P Spigot end	J JIS 1 JIS 10K 5 JIS 5K D DIN A ANSI	015 15mm 100 100mm	0 Non-oil-free 1 Oil-free	0 No D Yes

■ Compact Ball Valve Type 27 Model Code List

Actuation	Type	Actuator Type	Power Source	Body Material	Seal Material	Connection	Standard	Size	High-Purity Series	Terminal Box
A	7B	C	U	*	*	*	*	*	*	*
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
A Automatic Valve	7B Type 27	C Type TC	U AC95 ~265V	U U-PVC C C-PVC	E EPDM V FKM	S Socket end N Threaded end	J JIS D DIN A ANSI	013 13mm 050 50mm	0 Non-oil-free 1 Oil-free	0 No D Yes

Actuator Specifications

Applicable Size

13~50mm 65~100mm

TC-020 TC-050

Open/Close Time

10 sec 12 sec

Power Supply

AC95~265V

Protection Rating

IP67

Standard Equipment

Open/Close Indicator
Volt-free Limit Switch
Space Heater
Overload Protection
Manual Override

Options

Electric Positioner
Potentiometer
Speed Controller

* For specifications not listed here, please contact us separately.

ASAHI AV™ Environmental Resistance in a more Compact, User-Friendly Design

Feature 1 Packed with Useful Functions

- Universal AC 95–265 V power supply eliminates model selection by voltage
- One-touch connection to existing ASAHI AV™ Ball valves*
- Select either pre-cabled or terminal-box wiring
- Our proprietary thermoplastic mounting base prevents external exposure of metal parts
- CE-compliant for high safety

* For nominal sizes 50 mm and below



Pre-cabled Model
(Cable length: 3 m)



Cable Connector

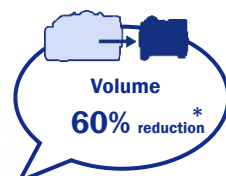
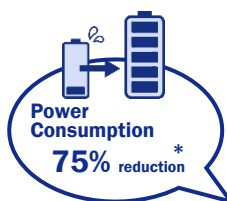


Terminal Box Model

Feature 2 Compact, Lightweight, Energy-Saving

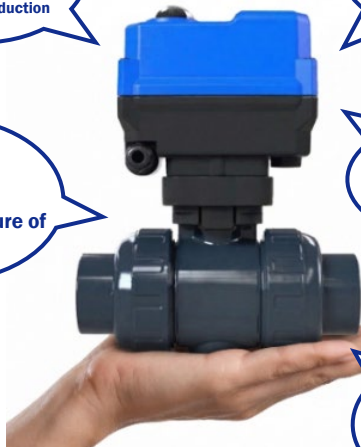
- New actuator delivers major gains in compactness, weight reduction, and energy savings
- Compared with our previous model: 60% reduction in volume, 70% weight reduction, and 75% reduction in power consumption *

* Comparison of actuators for nominal sizes 50 mm and below



Our proprietary thermoplastic mounting base prevents exposure of metal parts

All-Thermoplastic



* Comparison of actuators for nominal sizes 50 mm and below

* Photo shows the 25 mm nominal-size model.

Feature 3 High Environmental Resistance

- Eliminates concerns about corrosion and rust
- Polycarbonate (PC) housing, with excellent impact and fire resistance
- Achieves IP67 dustproof and waterproof performance (including terminal box)

See HP Catalogue for Detailed Instructions on the Application.

Asahi Ball Valve Type TC

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