

SWITCH TO INNOVATIONS

Gruner Automation Asia Pacific Limited

WHERE GERMAN ENGINEERING MEETS ASIA PACIFIC EXPERTISE

SWITCH TO INNOVATIONS

It's time to Switch to Innovations.

Gruner Asia Pacific brings you cutting-edge field device technology — backed by 70+ years of German engineering heritage, and a regional team that understands your market, your timelines, and your language.

GRUNER AUTOMATION ASIA PACIFIC LIMITED

A Powerful Joint Venture

German Engineering Excellence

Gruner AP is a 50/50 joint venture with GRUNER AG, Germany's leading electro-mechanical component specialist with decades of innovation and technical expertise in servomotors, relays, and solenoids.

STRONG PARTNERS WITH EXPERIENCE

Gruner AP combines German precision engineering with a deep understanding of the BMS/HVAC industry to deliver tailored field devices and solutions.

Our strategic position enables us to serve customers with world-class technology whilst providing responsive, culturally-aligned service and support.

Gruner Asia Pacific was founded in 2013 by Matthias Haas as a joint venture with the German family-owned company Gruner AG, established in 1953.

GRUNER AUTOMATION ASIA PACIFIC LIMITED

Our Founder, Matthias Haas

THE JOURNEY

- Born in 1960 in Germany and an **engineer by profession**, Matthias Haas spent many years with Landis & Gyr, Siemens, and later with Belimo Holding AG, serving on the Executive Committee and as CEO of Belimo Asia Pacific.
- He **built up Belimo Asia Pacific** in India, Hong Kong and Shanghai, establishing strong ties across the HVAC sector globally.
- After leaving Belimo, Matthias continued as an independent engineer and adviser, **nurturing long-standing relationships** in the industry, incl. with Gruner AG and Thermokon GmbH, and later **founded Gruner Asia Pacific** 2013 in Hong Kong.
- Since 2023, Matthias also served as a **Partner and Strategic Advisor to ThermoG**, alongside his role as MD and Co-Owner of Gruner Asia Pacific.

COMPANY OVERVIEW

Who We Are

- > Gruner Automation Asia Pacific Limited is a joint venture combining German engineering with deep HVAC and Building Management Systems and Field Device expertise.
- > Partnering with Gruner AG, a renowned German automation specialist with decades of innovation, we bring world-class automation solutions to the market.
- > Our leadership team brings long-standing industry experience across APAC, the Middle East, Europe, and the Americas. This vast regional experience enables a deep understanding of markets and cultures.
- > Backed by a global organization of 1,000+ people across 6 countries, with dedicated regional teams in APAC, Gruner AP operates with approximately 20 direct staff and works strategically with an R&D and software team in India of around 30+ engineers.
- > We serve as a trusted partner for OEMs, system integrators, and building operators seeking engineered control solutions and reliable, state-of-the-art, yet affordable products.

OUR LEADERSHIP TEAM



Matthias Haas

- Managing Director
- Chief Technology Officer



John Tsang

- Corporate Key Account Manager
- Technical Expert



Stefan Haas

- Head of Operations



Hans Sheng

- Managing Director
Gruner China



Ilona Haas

- Chief Financial Officer
- HR, Compliance



Andreas Utiger

- Business Development
- Corporate Projects

THE ART OF HVAC FIELD DEVICES

Our Portfolio

Gruner AP delivers a comprehensive range of field devices for diverse industrial applications. Besides a strong catalogue portfolio, we are proud of our customization capabilities and special products created for various world-renowned OEMs.



Servomotors

High-performance electric actuators for precise and super-fast (1 s / 90°) controls in HVAC, data centre cooling, building automation, and industrial processes.



Valves/Valve Actuators

From butterfly valves to CCV or PICV valves, we have you covered with high quality valves and the matching actuators.



Sensors/Accessories

High accuracy and a very competitive range of HVAC sensors, both for conventional communication and for wireless LoRaWAN.

For more products, check out our [website](#)

OUR FOCUS MARKETS

Industries We Serve

We serve diverse sectors across regions, delivering a wide range of catalogue products.

We are proud of our ability to tailor products and solutions to your needs, helping you drive efficiency and sustainability and gain a competitive advantage.

Among our customers are some of the most renowned OEMs from Europe and Asia.

Reach out if you need customized products. Branding and white-labelling are standard services we offer.



Data Centre

227-, 364/365-Series of servomotors
Pendulum Temperature Sensors
Humidity control, water leak detection



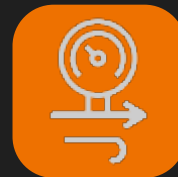
Pharma/Labs, Hospitals

Super-fast running servomotors (1 s / 90°)
Differential pressure sensors
Room climate sensors



Transportation (Shipbuilding, Rail/Metro)

Fire & Smoke servomotors
CO and other gas/particulate matter sensors



District cooling/heating

Butterfly valves, 900-series electric actuators
High-accuracy temperature sensors
Pipe pressure sensors

SWITCH TO INNOVATIONS

Our Network

The GRUNER Group of companies operates a strategically positioned global R&D, manufacturing, and distribution network, ensuring quality, efficiency, and proximity to key markets. Our facilities combine technology and automation with rigorous quality standards.

Germany

Headquarters and primary R&D centre, driving innovation and engineering excellence.

Serbia

European production hub delivering precision manufacturing.

Tunisia

North-African production hub delivering precision manufacturing.

India

R&D and manufacturing base supporting market expansion and supply chain resilience.

China

R&D and production centre serving the large domestic Chinese and broader Asian as well as international markets.

Hong Kong

Asia Pacific HQ, warehouse, and customizing centre, coordinating regional operations and customer service.

GRUNER Asia Pacific is present in Hong Kong, China, India, and the UAE. In India and the UAE, through a strategic collaboration with ThermoG, our India partner company. Furthermore, we have assigned Franchise Partners and Distributors in various countries worldwide, with a strong focus on APAC and the Middle East.



CUSTOMER FOCUS AND PARTNERSHIPS

Why Choose Gruner Automation Asia Pacific

German Engineering Heritage

Benefit from decades of Gruner AG innovation, precision, and quality standards that have made German engineering synonymous with excellence worldwide.

Regional Expertise

Our deep understanding of the Asia Pacific markets ensures our products are perfectly aligned with local requirements, regulations, and business practices – and remain scalable for our global customers in overseas markets worldwide.

Comprehensive Support

From initial consultation through co-development and fast, reliable deliveries, our dedicated team provides exceptional service at every stage. OEM branding and white-label are welcome; customizing to your needs is what we love to do.

Innovation Focus

Continuous investment in R&D and close collaboration with external parties and our R&D teams in India and China keep our products and solutions at the forefront of automation technology, future-proofing your operations.



LET'S CONNECT | info@gruner.com.hk

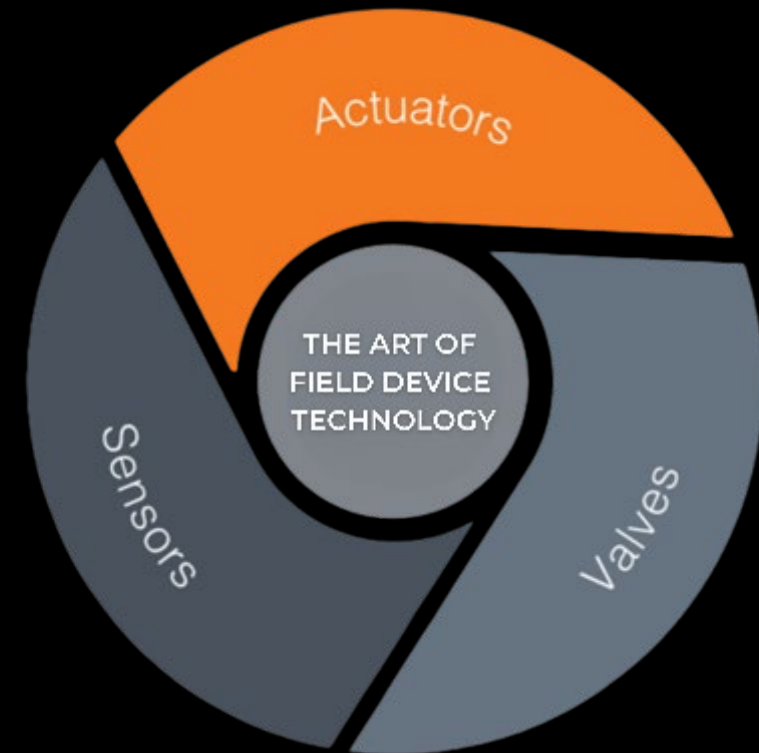
Partner With Us

Visit our Websites and follow us on LinkedIn

Gruner Asia Pacific www.grunerasiapacific.com



Gruner AG www.gruner.de/en



Ready to Switch to Innovations?
We'd love to hear from you.

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PRODUCTS

OUR PRODUCTS

SENSORS



VALVES & ACTUATORS



DAMPER ACTUATORS



OUR PRODUCTS AT A GLANCE

Air Sensors



LoRaWAN Sensors

Coming soon



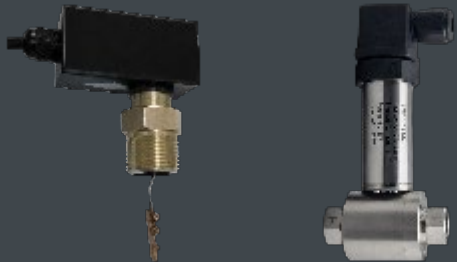
FCU Valves & Actuators



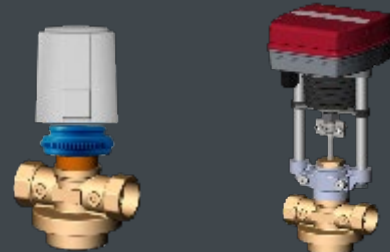
Fast-Running Actuators



Water Sensors



PICV Valves & Actuators



Standard Actuators



Fire & Smoke Actuators



Room Units (FCU/VAV)



CCV Valves & Actuators



BF Valves & Actuators



VAV Actuators



Affordable Butterfly Actuators

AVAILABLE NOW



**New 900-Series 910/920/930
Affordable BFV Actuator**

Torque: 50 to 8000 N·m
Power Supply: 230 V AC, single phase
Control Signal: 2/3-Point, 4–20 mA and 0(2)–10 V
Running Time: 100 s to 150 s @ 90 °
Protection: IP67 / IP68

Butterfly Valves

AVAILABLE NOW

BFV Waver, Lug, Flange

Size DN 50 to DN 1200
Pressure Rating: PN 10, PN 16, PN 25
Valve Material: Ductile Iron
Disk Material: Stainless Steel, Alloy
Valve Connections: ISO 5752, BS 5155, EN 593, API609, MSS SP-67
Flange: ISO5211

Data Centre Spring Return Actuators

AVAILABLE NOW

Fast Running, High-torque SR Actuators

Torque: 40 N·m
Running Time:
Control Outputs ON / OFF , 0–10 V
Spring Return, Capacitor

Accessories

Connection Junction Box
Fast Connectors

Economical Fan Coil Unit Solutions

AVAILABLE NOW



Fan Coil Room Unit

Large Display
Control Outputs ON / OFF, 0–10 V
Comfort / Economy Switch
External Temperature Sensor
Power Supply: 24 V AC/DC

Fan Coil Valves

Size DN 15 to DN 32
Water Flow 2.2 m³/h to 7.5 m³/h
Pressure Rating PN 16

Economical CCV Water Solutions

COMING SOON

Water Actuators

Torque 8 N·m,
Control Outputs ON / OFF, 0–10 V
Analogue Communication
Protection: IP65
Power Supply: 24 V AC/DC

Water Valves

Size DN 15 to DN 100
Water Flow 2 m³/h to 80 m³/h
Pressure Rating PN 16

LoRaWAN Actuator Range

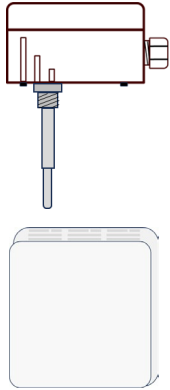
COMING SOON

LoRaWAN Standard, VAV, and Water Actuators

Torque: 8 N·m, 16 N·m,
Multi Frequencies (EU868, AP923, US915, AU923, ...)
Field Setting via NFC
With and without Display
Power Supply: 24 V AC/DC

High-accuracy Temperature Sensors

AVAILABLE NOW

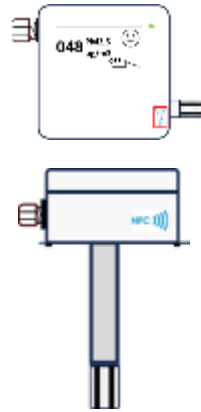


Outstanding accuracy, designed to comply with SG Green Mark, ASHRAE, RESET, WELL, and other Building Standards

Accuracy: acc. to DIN EN 60751
 $\pm 0.03 \text{ K @ } 0 \text{ }^\circ\text{C}$, 1/10 class F 0.3
 $\pm 0.06 \text{ K @ } 0 \text{ }^\circ\text{C}$, 1/5 class F 0.3
 $\pm 0.10 \text{ K @ } 0 \text{ }^\circ\text{C}$, F0.1 class 1/3, Y
For Pipes, Ducts, and Rooms.
Sensor Output: PT1000, passive
Measuring Range: $-50 \text{ }^\circ\text{C}$ to $+150 \text{ }^\circ\text{C}$
Multiple pocket lengths available

Gas- and PM Sensors

AVAILABLE NOW

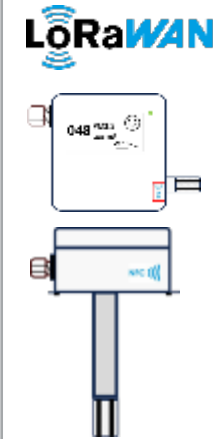


Gases and Particulate Matter Sensors with replaceable sensing elements.

Sensing parameters: CO, NO₂, H₂, PM1, PM2.5, PM10 and PM0.3 calculated.
All Sensors include high-accuracy temperature ($0.2 \text{ }^\circ\text{C}$) and Humidity ($\pm 2 \%$) measurement.
Multiple combinations of sensing parameters are available.
Settings can be made via NFC.
Protection: IP65

Wide Range of LoRaWAN Sensors

COMING SOON



LoRaWAN Room, Outdoor, Pipe, Duct – for Air, Water, Gases and Particulate Matter

Multi Frequencies: EU868, US915, AU915, AS923, IN865, KR920, CN470, RU864
Protection: IP30 and IP65

From a simple, yet accurate temperature sensor to the most complex combinations of sensing parameters required in HVAC, we have it.

DIN-Rail SELV Transformer

AVAILABLE NOW



230 V AC to 24 V AC and 24 V AC/DC

18 W and 30 W (AC to AC)
30 VA, 60 VA and 100 VA (AC to DC)
3 outputs
Self-resetting primary internal fuse
LED for secondary power supply operation
Easy to connect push-down terminals

Our Sensors

Passive | Active | 0-10 V | 4-20 mA | Modbus | BACnet | LoRaWAN

- › Settings customizable via NFC App
- › High accuracy and repeatability
- › Room comfort and air quality
- › Pipe & Duct Sensors (Temperature / Flow / Pressure)
- › Water leakage and condensation
- › Light and motion sensors



Our Valves & Actuators

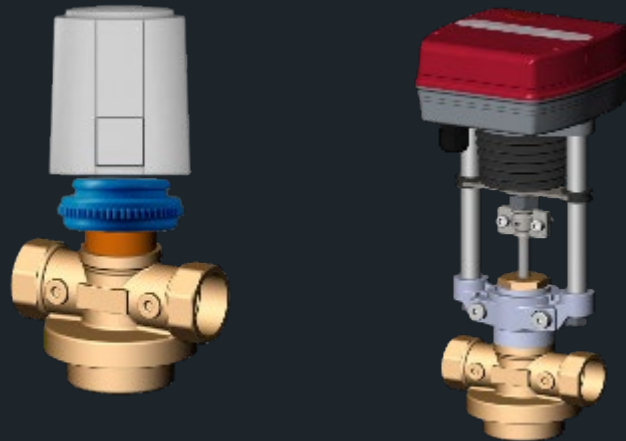
Product highlights

- › Engineered for top-tier performance and reliability
- › Outstanding value with superior price–quality ratio
- › Advanced features for diverse HVAC applications
- › Quick, clean, and effortless installation
- › Proven field performance across global projects
- › Tailored options to meet your specific control needs

CCV



PICV



Butterfly



Control & Globe Valves, and Actuators

Industry-leading products



- > Steam-ready option (SV = Steam Valve)
- > Zero to Ultra-low leakage
- > Wide controllability
- > Robust build, essentially maintenance-free
- > ISO 7005-2 flanges for easy integration
- > Install in any position. (Non-SV: no downward installation!)

2-Way/Port Valves



3-Way/Port Valves



Actuators



Adapter Sets



"IT'S A MATCH!" – And here is how

Actuators are available as Open/Close and Modulating versions

Standard Application			
CCV 2 Way PN 20: V2FA...	CCV 3 Way PN 20: V3FA...	Globe Valve 2 Way PN 16: V2SAP... PN 25: V2SBP...	Globe Valve 3 Way PN 16: V3SAP... PN 25: V3SBP...

Advanced Application		
PICV PN 16: V2FAPIC/V2FAPPIC PN 25: V2FBPIC/V2FBPPIC	PICV PN 16: V2FAPIC..L/V2FAPPIC...L PN 25: V2FBPIC...L/V2FBPPIC..L	PICV PN 16: V2SAPPIC...



- DN 15
- DN 20
- DN 25
- DN 32
- DN 40
- DN 50
- DN 65
- DN 80
- DN 100
- DN 125
- DN 150

227C-024-08I
227C-024-16I

160C-024-060
160C-024-100
180C-024-100
180C-024-300

110C-024-010
120C-024-0125

110C-024-010
120C-024-0125

160C-024-100
180C-024-100

Valve Actuators

Modulating Actuators

Proportional or bus-controlled linear drives for globe valves - 500/1000/3000 N with 20/30/50 mm stroke, DIP-switch speed selection, auto self-stroking, local/LED status, and optional RS485 (Modbus)



341/341C Series

Open-close Actuators

Non-spring rotary drives for ball valves, 16 N·m, 100 s/90°, 230 VAC/DC, 2-/3-point control with manual override, IP54, and >100,000 cycles



227/227C Series

Direct-coupled Actuators

Spring-return rotary drives for ball valves - 5 N·m with motor 75 s/90° and spring 20 s/90°, 24 VAC/DC, 2-point control, optional 2×SPDT auxiliary switches



150C/160C/180C Series

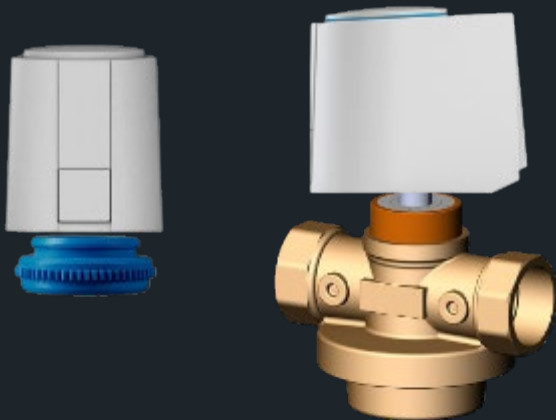
Maintenance-free operation with mechanical position indication and CE-compliant design; models available with IP54 or higher protection and manual override, where specified. Most actuators are available in 24 V AC/DC and 230 V AC/DC versions.

PRESSURE INDEPENDENT CONTROL VALVES

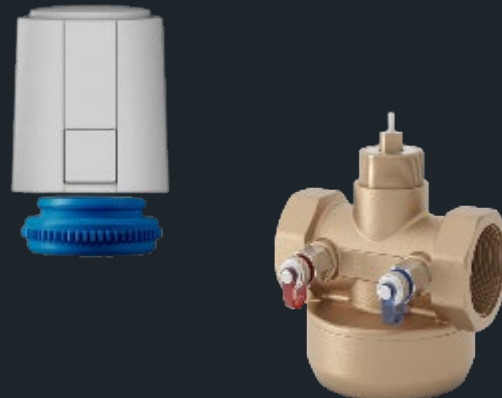
PICV for precise, pressure independent water control

- > Top-quality PICVs trusted across HVAC markets
- > Most popular thermal actuator – reliable, accurate, and designed for long service life
- > Precise flow control
- > Suitable selectable water flow range (Kvs)

For Small HVAC-Equipment



With 2-Pressure Ports For Fan Coil Units



For Large HVAC-Equipment



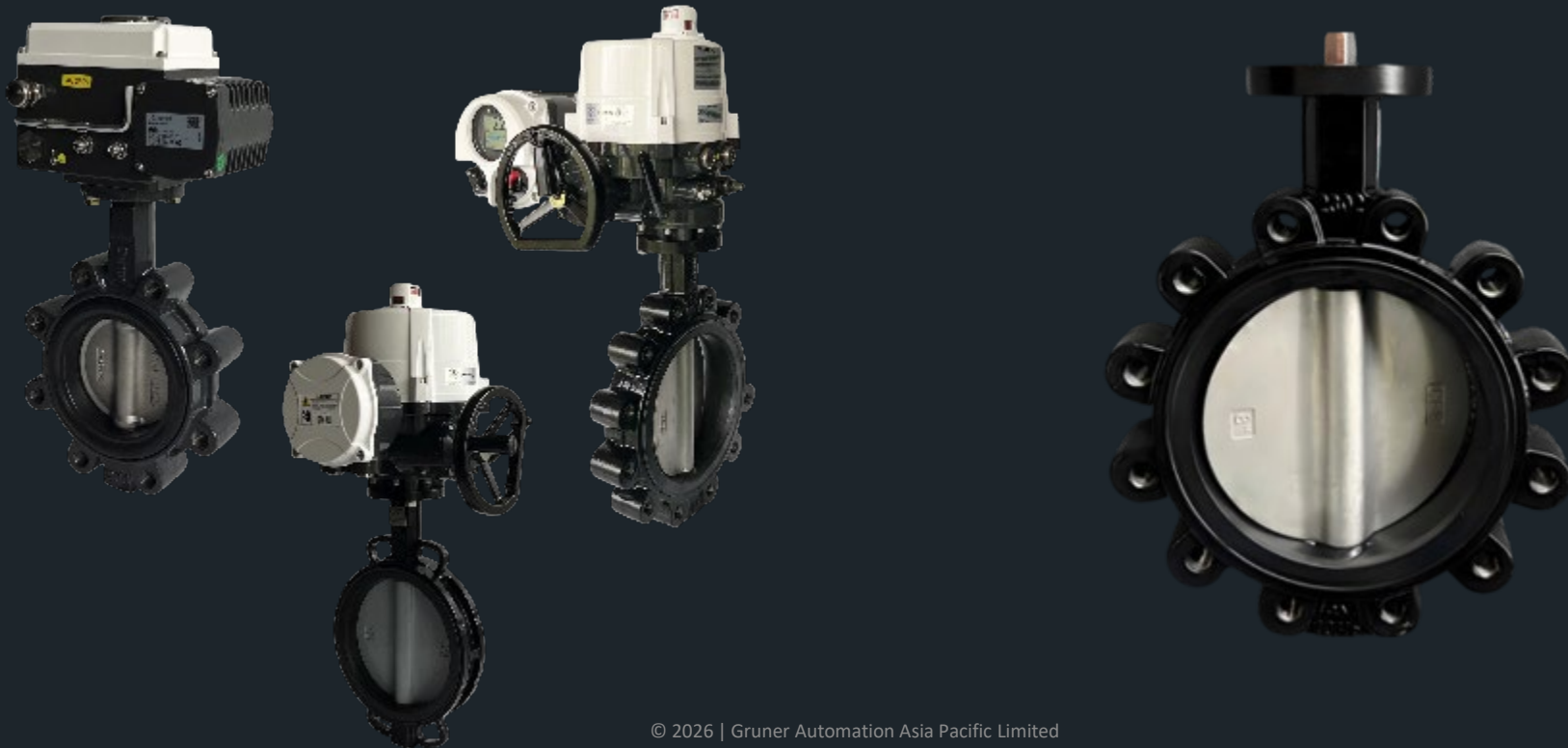
With 2-Pressure Ports For Large HVAC



Butterfly Valves

Covering all what you need

- › Full range of butterfly valves for all system sizes
- › Excellent price–performance ratio in 910 series
- › Advanced control and functionality in 920 series
- › High-torque 930 actuators for demanding use
- › Low-friction, efficient design reducing wear
- › Multi-control compatibility for flexible integration



Butterfly Valve Actuators

Our Flagship Butterfly Valve 9xx-Series

- › Wide actuator functionality for every application
- › Low-torque, high-precision BFVs
- › Best price–performance ratio in the market

The new series, released in October 2025, comprises the full range of state-of-the-art butterfly valves, available in various materials and connection designs, including Wafer, Lug, and Double Flanged types. The high-quality actuators are classified into three competitive ranges: Standard, Advanced, and Ingenious series, with different functionalities and price levels.

The 9xx series butterfly valve and actuators are widely used in cooling, heating, water treatment, the shipbuilding industry, pulp and paper, power and energy, data centers, civil aviation, subways, and other industries, offering outstanding performance and a long service life.

It is the ideal solution for hot and cold-water systems, cooling water systems, ethylene glycol-based heat exchange systems, air handling units, and other similar applications.



Butterfly Valve Actuators – 9xx Series

910 STANDARD SERIES

Dependable core variant for mainstream applications where hazardous-area approvals and local HMI are not needed. Perfect for standard HVAC installations.



920 ADVANCED SERIES

Explosion-proof configuration for classified zones with the same installation concept as 910. Ideal for hazardous environments.



930 INGENIOUS SERIES

Explosion-proof plus on-device display, broader protocol connectivity, and optional 380V for long runs or plant-standard power schemes.



These butterfly valves deliver superior performance and long service life, making them the optimal solution for hot and cold-water systems, cooling water systems, ethylene glycol, heat exchange systems, air handling units, and diverse industrial applications.

Butterfly Valve Actuators – 9xx Series



Feature	910 STANDARD	920 ADVANCED	930 INGENIOUS
Size range	DN 50 to DN 800		
Valve structure	Wafer Lug Double-flanged		
Body materials	Ductile iron Stainless steel Aluminum alloy		
Disc materials	Stainless steel Ductile iron + nylon Aluminium bronze		
Seat & temperature (typical)	EPDM: -20 °C to +110 °C PTFE: 0 °C to +100 °C NBR: -10 °C to +80 °C		
Media	Cold water hot water glycol solution and special media such as seawater, drinking water, wastewater, sewage, gas		
Ingress protection	IP67 (IP68 optional)		
Supply voltages	230 V AC		230 V AC 380 V AC
Control modes/signals	2/3-point 0(2)-10 V 4-20 mA		
Position indication	3D position indicator		
Manual operation	Integrated hand wrench	Hand wheel with automatic clutch	
Over-temperature protection	Yes		
Anti-condensation heater	Yes		
Over-torque protection	N/A	Yes	
Explosion-proof option	N/A	Ex d IIB T4 to T6 or Ex d IIC T4 to T6	
HMI / UI	N/A	N/A	3.2-inch colour display, multilingual
Diagnostics & logging	N/A	N/A	Intelligent power management, condition diagnostics, event/torque logs; trend views
Fieldbus / comms	N/A	N/A	Modbus HART Profibus

Butterfly Valves

Zero leakage and maintenance-free

- › Wafer Type
- › Lug Type
- › Double Flanged Type

Our range of valves encompasses a broad spectrum of applications and is suitable for multiple media types, including cold water, hot water, and glycol solutions as well as special media such as seawater, drinking water, wastewater, sewage, and gas.

- Size DN 50 to DN 800
- Ductile Iron disk and Nylon-coated
- Stainless Steel SS304 (CF8) disk
- EPDM (Standard) / PTFE / NBR seat
- Aluminum Bronze disk (by request)



• Talk to us if you have special application needs



Fan Coil Unit (FCU) Valves & Actuators

Reliable and cost efficient

- › Full range
 - › DN15 to DN32
 - › 2- and 3- way valve
- › High close-off torque
- › Competitive pricing

Compact valve-actuator solution for precise control of chilled and hot water in hydronic HVAC systems.

Designed for Fan Coil Units, terminal reheat coils and other zone-level applications.

Ensures stable flow control, fast response and reliable shut-off under typical HVAC operating conditions.

Suitable for water and water-glycol mixtures in residential and commercial installations.



Damper Actuators

Full range of innovative actuators



- › Decades of proven R&D and actuator expertise
- › Comprehensive range for all damper applications
- › Engineered and tested to German standards
- › High torque and precision across all speed classes
- › Reliable operation even under harsh HVAC conditions
- › Flexible control options – Fail-safe & non-fail-safe versions

Standard



High Torque



Fast Running < 5 s



Fire & Smoke



VAV



Standard Actuators

Standard in what they do – Technology leader in how they are built

- › Wide torque range from 5 Nm to 60 N·m
- › Probably one of the best gearboxes in the market
- › Comply with DIN-VDE standards and CE guidelines;
UL-certified types available.

Gruner servomotors are more compact and offer a wider range of options than many others do. Our unique design eclipses conventional damper actuators across all comparative values.

LONG SERVICE LIFE Up to 100,000 full cycles and up to 1,500,000 partial cycles

Our portfolio enables efficient and precise airflow control in HVAC systems. Whether used as compact controllers for smaller units or integrated into building automation via supervisory control, Gruner actuators offer fast installation, easy setup, reliable performance, and low-maintenance operation.



Fast Running Actuators < 5 Seconds

Safety and fast protection

- › Faster than fast: Runtime from 1 second to 3.5 seconds for 90°
- › Torque range of 2 N·m to 15 N·m
- › Great product for laboratories, cleanrooms, etc.

Gruner's super-fast running servomotors deliver operational reliability in harsh environments, helping to control volume flows in laboratories, cleanrooms, and fume hoods.

Whenever it becomes critical, the servomotor must respond quickly and safely. For this, short closing times are essential. However, preventive maintenance and the ability to communicate when the power supply is interrupted are other vital factors.

The super-fast running servomotors developed by Gruner are energy-efficient and safe. They provide information on preventive maintenance and can maintain communication links for up to 2 minutes in the event of a power supply interruption.



328CS and 328 QS Series

The Elephant under the Damper Actuators

Convincing performance

- › Torque range of up to **60 N·m**
- › And still comes with 25% torque safety buffer
- › Great product for large sites like airports, data centres, etc.

Moving flap sizes with diameters measuring up to 10 square metres requires vast amounts of power – and Gruner Damper Actuators have no problem delivering precisely that. We build performance capability into our servomotors up to torque ratings of 60 N·m. **N·m**

- Running time 150 s / 90°
- Torque 60 N·m
- Nominal voltage 24 V AC/DC or 230 V AC
- Control 2-/3-point or 0(2)–10 V
- Damper size up to approx. 10 m²
- Shaft coupling form fit 14 mm (8F14)



363/364 Series

Fire & Smoke Actuators

Perfectly prepared for emergency situations

- › Full torque range
- › Reliable and robust
- › With optional feedback switches
- › External fire protection switch
- › UL certified

Satisfying the most demanding of requirements to protect human life and material assets: our fire protection servomotors do more than just comply with the required European standards - they also deliver conviction with their rugged design.



Variable Air Volume (VAV) Actuators

Precision controls to perfection

- › Compact design
- › Dynamic or static differential pressure sensor
- › Pressure, volumetric air flow, or "Open-Loop" (continuous control)

Gruner volumetric flow and pressure controllers satisfy the highest modern HVAC standards. The Series 327 and 309 volumetric flow and pressure controllers demonstrate clearly that these compact controllers are technology leaders, setting new standards.

Innovative dynamic and static sensors, very fast heating and response times as well as precisely matched OEM-specific parameterisation enable designers and architects to design efficient and cost-optimised ventilation systems.



227 V/327 V Series

All you need is Gruner AP



Switch to Innovations with us

Standard



High Torque



Fast Running < 5 s



Fire & Smoke



VAV



REFERENCES

References in China, Hong Kong, Taiwan



Great Hall of People
Beijing | P.R. China



Delta Hospital
Shanghai | P.R. China



Chinese People's Liberation Army HQ
Hong Kong, SAR



Queen Mary Hospital
Hong Kong, SAR



Queen Elizabeth Hospital
Hong Kong, SAR



Suzhou Sports Park
Suzhou | P.R. China



Daxing International Airport
Beijing | P.R. China



Various Shipyard customers
various | P.R. China

References in the Middle East



Hamad International Airport
Doha | Qatar



Sheik Abdullah Al Salem Cultural Center | Kuwait



Tadawul Tower
Riyadh, Saudi Arabia



Jebel Ali Hotel
Dubai | United Arab Emirates



Al Rayyan Stadium
Ar-Rayyan | Qatar



Al Thumama Stadium
Doha | Qatar



The Red Sea Project
Saudi Arabia



Grand Hyatt Hotel
Dubai | United Arab Emirates

References in other places



St. Georges Hospital
Sydney | Australia



Sony Building
Tokyo | Japan



Critical Infrastructure Sites
Singapore, Government Entity



Changi City Point
Singapore



National University Hospital
Seoul | South Korea



Lockheed Martin
Fort Worth | USA



Louis Vuitton Foundation
Paris | France



Various Data Centre projects
Seoul | South Korea

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