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The first condition of innovation is to question. 
And the first condition of sustainable innovation is to question constantly.

The journey of innovation has started with a question for us too: “How can we develop value-added technologies in Turkey?” First turning point in this long journey was the birth of MIT (Made in Turkey) brand. MIT made us the first plate heat exchanger producer of Turkey and it’s founding vision was not to become a local alternative, it was to build a high-quality brand that can compete on a global level.

While we are working towards this goal in the past 15 years, our products and processes deemed worthy for documentation by many national and international quality assessment institutions such as ISO, TSE, CE, GOST and many more. This was the natural outcome of our constant questioning of the status-quo and our desire to outperform ourselves.

New Generation Engineering

With our engineering approach that focuses on the process, not the problem, we do not just specialize in a product, we consider the entire ecosystem of that product. Ergo, we produce all the other components of a system in addition to plate heat exchangers and we focus on the constant development of engineering staff required to provide an end-to-end application.

We provide a “solution” rather than a product with our business development, presales, sales and after sales services provided by our expert engineers.

In our 15th year, we continue to grow as a solution partner for projects that need high technology in more than 60 countries with our internationally approved high-quality plate heat exchangers; components such as accumulation tanks, boilers, industrial pumps and installation materials that completes these exchangers to form a system; and complementary services provided by our expert engineer staff.
Contents

1. Truevalve Valves
TRUEVALVE BALL VALVE

Two Pieces Threaded Stainless Steel Ball Valve
Gasket           : PTFE
Body Material    : AISI304 - AISI316
Working Temperature : 80 °C
Working Pressure  : 63 Bar

Three Pieces Threaded Stainless Steel Ball Valve
Gasket           : PTFE
Body Material    : AISI304
Working Temperature : 180 °C
Working Pressure  : 25 Bar

Stainless Steel Flanged Two Pieces Ball Valve
Gasket           : PTFE
Body Material    : AISI304 - AISI316
Working Temperature : 180 °C
Working Pressure  : 16 Bar
Connection       : ISO5211

Stainless Steel Flanged Three Pieces Ball Valve
Gasket           : PTFE
Body Material    : AISI304 - AISI316
Working Temperature : 180 °C
Working Pressure  : 16 Bar
Connection       : ISO5211
TRUEVALVE BUTTERFLY VALVE

Truevalve Teflon Materialized Butterfly Valve

- **Shaft**: AISI416
- **Gasket**: PTFE
- **Body Material**: GGG40
- **Disc**: PTFE
- **Working Temperature**: 180 °C
- **Working Pressure**: 16 Bar

Truevalve Wafer Type Butterfly Valve

- **Shaft**: AISI416
- **Gasket**: EPDM - NBR - VITON
- **Body Material**: GGG40 - GG25
- **Disc**: GGG40 - AISI304 - AISI316
- **Working Temperature**: 120 °C
- **Working Pressure**: 16 Bar

Truevalve Wafer Type PTFE Sealed Butterfly Valve

- **Shaft**: AISI416
- **Gasket**: PTFE
- **Body Material**: GGG40 - GG25
- **Disc**: GGG40 - AISI304 - AISI316
- **Working Temperature**: 180 °C
- **Working Pressure**: 16 Bar

Truevalve Lug Type Butterfly Valve

- **Shaft**: AISI416
- **Gasket**: PTFE - NBR - EPDM
- **Body Material**: GGG40 - GG25
- **Disc**: GGG40 - AISI304 - AISI316
- **Working Temperature**: 120 °C
- **Working Pressure**: 16 Bar

Truevalve Wafer Type Butterfly Valve With Gear Box

- **Shaft**: AISI416
- **Gasket**: PTFE - NBR - EPDM
- **Body Material**: GGG40 - GG25
- **Disc**: GGG40 - AISI304 - AISI316
- **Working Temperature**: 120 °C
- **Working Pressure**: 16 Bar
# TRUEVALVE BUTTERFLY VALVE

## Lug Type Butterfly Valve With Gear Box

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaft</td>
<td>AISI416</td>
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<tr>
<td>Gasket</td>
<td>PTFE - NBR - EPDM</td>
</tr>
<tr>
<td>Body Material</td>
<td>GGG40 - GG25</td>
</tr>
<tr>
<td>Disc</td>
<td>GGG40 - AISI304 - AISI316</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>120 °C</td>
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<tr>
<td>Working Pressure</td>
<td>16 Bar</td>
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## Wafer Type Butterfly Valve With Pneumatic Actuator

<table>
<thead>
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<tbody>
<tr>
<td>Shaft</td>
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<tr>
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<td>PTFE - NBR - EPDM</td>
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<tr>
<td>Body Material</td>
<td>GGG40 - GG25</td>
</tr>
<tr>
<td>Disc</td>
<td>GGG40 - AISI304 - AISI316</td>
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<td>GGG40 - GG25</td>
</tr>
<tr>
<td>Disc</td>
<td>GGG40 - AISI304 - AISI316</td>
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<td>Working Pressure</td>
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## Wafer Type Butterfly Valve With Electrical Actuator

<table>
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<tr>
<td>Shaft</td>
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<td>Gasket</td>
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<tr>
<td>Body Material</td>
<td>GGG40 - GG25</td>
</tr>
<tr>
<td>Disc</td>
<td>GGG40 - AISI304 - AISI316</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>120 °C</td>
</tr>
<tr>
<td>Working Pressure</td>
<td>16 Bar</td>
</tr>
<tr>
<td>Actuator</td>
<td>220V - 24DC</td>
</tr>
</tbody>
</table>

## Lug Type Butterfly Valve With Electrical Actuator

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<tr>
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</tr>
<tr>
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<td>GGG40 - GG25</td>
</tr>
<tr>
<td>Disc</td>
<td>GGG40 - AISI304 - AISI316</td>
</tr>
<tr>
<td>Working Temperature</td>
<td>120 °C</td>
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<tr>
<td>Working Pressure</td>
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</tr>
<tr>
<td>Actuator</td>
<td>220V - 24DC</td>
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### TRUEVALVE GLOBE VALVES

**Truevalve Globe Valves**

<table>
<thead>
<tr>
<th>Shaft</th>
<th>Body Material</th>
<th>Cap Material</th>
<th>Flywheel</th>
<th>Working Temperature</th>
<th>Pressure Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AISI304 - AISI 316</td>
<td>GG25 - GGG40</td>
<td>GG25 - GGG40</td>
<td>-10 °C / 220 °C</td>
<td>PN16</td>
</tr>
</tbody>
</table>

**Truevalve Metal Bellow Sealed Globe Valves**

<table>
<thead>
<tr>
<th>Shaft</th>
<th>Body Material</th>
<th>Cap Material</th>
<th>Flywheel</th>
<th>Working Temperature</th>
<th>Pressure Class</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AISI304 - AISI 316</td>
<td>GG25 - GGG40</td>
<td>GG25 - GGG40</td>
<td>-10 °C / 220 °C</td>
<td>PN16 - PN25 - PN40</td>
</tr>
</tbody>
</table>

### TRUEVALVE KNIFE GATE VALVES

**Truevalve Knife Gate Valves**

<table>
<thead>
<tr>
<th>Body Material</th>
<th>Knife</th>
<th>Working Temperature</th>
<th>Pressure Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>GGG40</td>
<td>AISI304 Paslanmaz</td>
<td>200 °C</td>
<td>10 Bar</td>
</tr>
</tbody>
</table>

### TRUEVALVE STRAINERS

**Truevalve Y-type stainless steel strainers**

<table>
<thead>
<tr>
<th>Body Material</th>
<th>Working Temperature</th>
<th>Pressure Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>AISI304</td>
<td>-20 °C / 180 °C</td>
<td>PN16</td>
</tr>
</tbody>
</table>
TRUEVALVE CHECK VALVES

**Truevalve Stainless Steel Disc Check Valve**

- **Body Material**: AISI304
- **Disc**: AISI304
- **Working Temperature**: 200 °C
- **Working Pressure**: 40 Bar

**Truevalve Stainless Steel Swing Check Valve**

- **Body Material**: AISI304
- **Working Temperature**: -20 °C / 180 °C
- **Pressure Class**: PN16

**Truevalve Dual Check Valve**

- **Gasket**: EPDM
- **Body Material**: GG25
- **Disc**: GGG40 - AISI304
- **Working Temperature**: 120 °C

TRUEVALVE ACTUATORS

**Truevalve Electrical Actuator**

- **Operating Type**: 220V AC - 24V DC - 4/20mA (Proportional)
- **Protection Class**: IP 67
- **Body Material**: Aluminium Injection

**Truevalve Pneumatic Actuator**

- **Operating Type**: Double/Single Acting Pneumatic Actuator
- **Protection Class**: IP 67
- **Body Material**: Aluminium Extrusion
Double/Single Acting Pneumatic Actuator

IP 67

Aluminium Extrusion
A chain is only as strong as its weakest link.

Running and maintaining a quality production process that meets international standards requires focusing on quality all along the ecosystem. Maintaining this focus requires a unifying vision of constant improvement shared by all stakeholder, and a certain level of expertise for all parties involved. Ekin Academy was established with the principles of continuous development and growing together to share the knowledge and experience that will realize this vision.

We support the development of our employees with training programs that directly contribute to the results in their business processes and make a difference in their personal development. We offer technical trainings on heat transfer, pressure vessels, package systems, food systems and liquid transfer. We help them become individuals who will make a difference with our development programs that covers topics like leadership, strategy, sales and many more. In addition, we provide information regarding installation, operating, maintenance and repairs with our pre and after sales training modules prepared for our business partners and customers.

At Ekin Academy we do not solely focus on the development of our staff, partners and customers. Thanks to our university collaborations, we provide the means for future engineers to put their theoretical knowledge to use with practical applications.

We organize seminars, conferences and trainings for professional chambers, and institutions we collaborate on social responsibility projects. Because we know that only by investing in the society, the industry and the future of the industry, we can become a country known for its high-quality engineering products.
An Engineering Approach from Sales to Maintenance

We offer value added pre and after sale services with our customer satisfaction-oriented approach and deep expertise we are more than happy to share. Thanks to our expert engineers that provide proactive solutions, we focus on making a difference throughout the process, from presales to maintenance.

With our “quality product, quality service, quality solution” approach, we are more than a manufacturer and supplier, we are a highly motivated solution partner for all kinds of heating and cooling projects.

Customer Satisfaction
Our priority is to ensure customer satisfaction and protect the rights of our customers with our pre-sales processes that analyze customer needs well, quality-registered product range, expert staff and meticulous working methods.

Ethical Values
We conduct all our activities in accordance with the laws and then with ethical values. We believe in growing together and we look for mutual benefit in all our business relationships.

Privacy Policy
All your personal information shared with our company is guaranteed by our ethical values and our processes in compliance with the Law No. 6698 on Protection of Personal Data.

Information Security
All our information technology operations are protected by our information security processes, which are managed in accordance with ISO 27001 Information Security Management System requirements.
PROFESSIONAL SYSTEM SOLUTION CENTER

From our MIT professional system solution center, you can get help with problems with your pumps, heat exchangers and your system. Our solution center consisting of our expert engineers will be happy to help you.

- Domestic hot water installations.
- Central and district heating systems.
- Milk, yogurt, heating, cooling and pasteurization systems.
- Industrial cooling and heating systems.
- Oil cooling systems.
- Energy recovery systems.
- Pool heating systems.
- Steam installations.

It is vital for your system to be designed and implemented correctly in the first installation in order to be able to operate at the desired capacity, smoothness and long life. For this reason, you can get first-hand the technical support you need during the installation phase of your system and the problems that may arise in the business; You can reach us 24 hours +90 (216) 232 24 12 in 7 days.

We would like to reiterate that we will be happy to share our knowledge accumulated over many years with our valued customers in order for your system to work correctly and performance.

Ekin will continue to be the best solution partner for you in all applications with all kinds of heating and cooling applications.
Today; **135 points** in the world.