

ZESA®/GESA®

**NOW WITH UNIQUE HEXO
HONEYCOMB DISC DESIGN**

**NOW
AVAILABLE**
IN DN 250
TO DN 600

HEXO

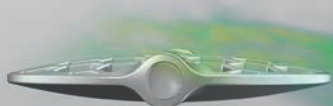
The first soft-sealing butterfly valves with innovative **HEXO honeycomb disc technology** – for a significant optimisation and calming of the flow downstream of the valve.



ZESA®/GESA®

Now with unique **HEXO honeycomb disc design**.

- Maintenance-free soft-sealing **wafer type butterfly valve** (ZESA®)
- Maintenance-free soft-sealing **fully lugged type butterfly valve** (GESA®). Suitable for use as pipe-end valve!
- **Registered honeycomb disc design** made of stainless steel (1.4581)
- **Optimised KVS-values** due to lower friction and pressure losses
- Shorter outlet sections due to **less turbulence**
- The flow optimisation reduces vibrations in the system, which reduces wear and tear and consequently **increases the maintenance intervals and saves costs**
- The honeycomb disc design **increases the stiffness** of the entire disc construction and guarantees **maximum reliability** while reducing weight
- Due to the fully automatic spherical machining of the outer contour of the disc with special tools at ARI, a **consistently high quality** with fast availability is guaranteed
- The connection of disc and stem is designed as a form-fitting polygon for **optimum torque transmission**
- Disc and liner are replaceable
- **Blow-out protection** as a standard in form of a stem lock washer
- **Two-piece stem** with triple bearing
- **Double sealing** of the stem
- Optionally with gearbox, electric or pneumatic drive thanks to standardized connection
- Stem end designed as square with position indicator
- Can be **fully insulated**



VERSIONS

- **EPDM for drinking water, water and water-glycol mixtures** with DVGW registration for drinking water, -10-130°C
- **NBR for water, oil-containing media and compressed air** with DVGW registration for gas, DN250-600, -10-80°C
- **FPM for fluids and gases**, 0-150°C (not for hot water)
- **EPDM** with ÖVGW registration for drinking water, DN250-600 PN10, -10-130°C
- **NBR** with ÖVGW registration for gas, DN250-DN300 PN10, -10-80°C

BODY MATERIAL

- Nodular cast iron 5.3106 (EN-JS 1030)
- Optionally 5.3103 (EN-JS 1049)

PRESSURE RATINGS

- ZESA® PN 6/10/16
- GESA® PN 10/16

NOMINAL DIAMETERS

- DN 250 to DN 600

CONNECTIONS

- Overall length according to DIN EN 558 FTF-20
- Flange connection according to DIN EN 1092-1/-2
- Top flange according to DIN EN ISO 5211

FIELDS OF APPLICATION

- Heating systems
- Air conditioning and cold water applications
- Drinking water systems
- Compressed air systems
- Swimming pool systems
- Industrial applications
- and many more

