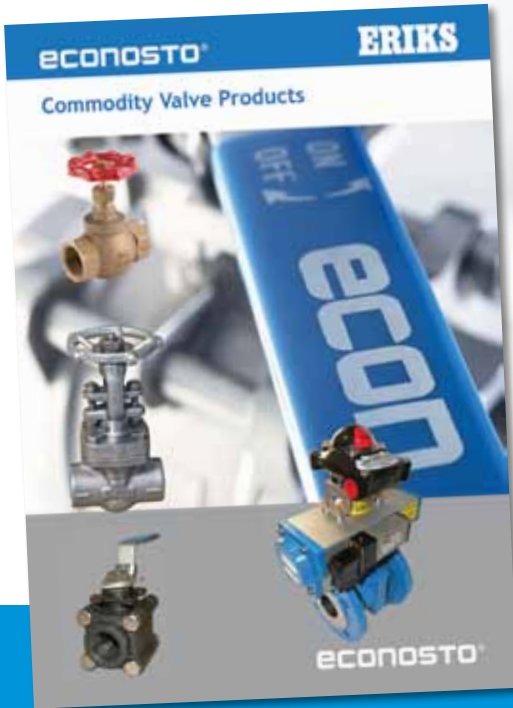


Commodity Valve Products

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VALVES

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Fig 1607 ISO Ball Valve

- Econ® brass nickel-plated ball valve with direct mount top flange according ISO 5211, full bore, floating ball, pressure rating PN40 up to size 1" and PN25 from 1.1/2" up to 2"
- Has NEN-EN 10226-1 (ISO 7-1) female thread connections
- Generally applicable, e.g. for compressed air, HVAC and water systems up to maximum 40 bar, depending on the size

Features:

- Connection 1: Gas inner thread cylindrical (BSPP)
- Body material: Brass
- Sealing: PTFE
- Operation: None
- ISO 5211 direct mount top-flange: Yes
- Full bore: Yes
- Housing construction: 2-part
- Extended spindle: No



Pressure and Temperature Range

| Size | Pressure rating | Temperature range | -20°C | +90°C | +130°C | |
|---------------|-----------------|-------------------|-------|-------|--------|-------|
| 1/4" - 1 1/4" | PN40 | -20°/+130°C | 40 | 25 | 16 | [bar] |
| 1 1/2" - 2" | PN25 | -20°/+130°C | 25 | 15 | 9 | [bar] |

7744 Ball Valve

- Econ® one-piece ball valve with reduced bore, floating ball, BSP or NPT female thread connection, pressure rating 1000 PSI WOG, fitted with blow-out proof stem
- Available in stainless steel 1.4408
- Actuated by means of a lever with PVC sleeve
- Generally applicable e.g. for compressed air, HVAC, fuel and lightly corrosive systems up to maximum 68 bar

Features:

- Pressure rating: 1000 PSI WOG
- Body material: Stainless steel
- Sealing: PTFE
- Operation: Lever
- Full bore: No
- Fire-safe: No
- Housing construction: 1-piece



Pressure and Temperature Range

| Size | Temperature range | -34°C | +38°C | +100°C | +150°C | +205°C | |
|-------------------------------------|-------------------|-------|-------|--------|--------|--------|-------|
| 1/4"-2" | -34°C/+205°C | 68 | 68 | 44 | 22 | 0 | [bar] |
| Pressure rating 1000 PSI WOG | | | | | | | |



UK1607 Ball Valve

- Econ® brass nickel-plated ball valve with full bore, floating ball, pressure rating PN40
- Has BSP (ISO 7/1 Rp) female thread connections
- Actuated by means of aluminium lever
- Generally applicable e.g. for compressed air, HVAC and water systems up to maximum 40 bar

Features:

- Connection 1: Gas inner thread cylindrical (BSPP)
- Body material: Brass
- Sealing: PTFE
- Operation: Lever
- ISO 5211 direct mount top-flange: N



Pressure and Temperature Range

| Size | Pressure rating | Temperature range | -20°C | +90°C | +150°C | |
|-----------|-----------------|-------------------|-------|-------|--------|-------|
| 1/4"-1" | PN40 | -20°/+150°C | 40 | 40 | 22 | [bar] |
| 1 1/4"-2" | PN25 | -20°/+150°C | 25 | 25 | 15 | [bar] |
| 2 1/2"-4" | PN16 | -20°/+150°C | 16 | 16 | 9 | [bar] |

UK7249 Ball Valve

- Econ® two-piece ball valve with full bore, floating ball and flange connection to DIN PN16 or PN40
- Actuated by means of a lever, T-bar or gearbox
- Generally used in industrial systems such as water, gases, and corrosive media, up to a maximum of 40 bar (PN40 version)

Features:

- Connection 1: Flange
- Body material: Steel
- Sealing: PTFE
- Operation: Lever
- ISO 5211 direct mount top-flange: Yes
- Full bore: Yes



Pressure and Temperature Range

| Size | Pressure rating | Temperature range | -10 | +50 | +100 | +150 | +200 | |
|-------------|-----------------|-------------------|-----|-----|------|------|------|-------|
| DN15-DN200 | PN16 | -10°/+200°C | 16 | 15 | 13 | 13 | 11 | [bar] |
| DN15-DN50 | PN40 | -10°/+200°C | 39 | 37 | 34 | 32 | 19 | [bar] |
| DN65-DN100 | PN40 | -10°/+200°C | 39 | 37 | 34 | 28 | 16 | [bar] |
| DN125-DN200 | PN40 | -10°/+200°C | 30 | 28 | 25 | 19 | 12 | [bar] |

UK7752 Ball Valve

- Econ® two-piece ball valve with full bore, floating ball, BSP or NPT female thread connection, pressure rating 1000 PSI WOG, fitted with blow-out proof stem
- This ball valve is available in stainless steel 1.4408
- Actuated by means of a lockable lever with PVC sleeve
- This type of ball valve is generally applicable e.g. for compressed air, HVAC, fuel and lightly corrosive systems up to maximum 68 bar

Features:

- Pressure rating: PN 63
- Body material: Stainless steel
- Sealing: PTFE-operation: Lever



Pressure and Temperature Range

| Size | Temperature range | -34°C | +38°C | +100°C | +150°C | +205°C | |
|-----------|-------------------|-------|-------|--------|--------|--------|-------|
| 1/4"-2" | -34°/+205°C | 68 | 68 | 44 | 22 | 0 | [bar] |
| 2 1/2"-3" | -34°/+205°C | 50 | 50 | 32 | 16 | 0 | [bar] |

Pressure rating 1000 PSI WOG



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Fig 250 Globe Valve

- Econ® bronze globe valves with threaded bonnet
- Metal seated
- Straight pattern
- BSP female threaded connection
- Inside screwed stem and rising hand-wheel

Application:

- Water
- Oil
- Air
- Gas

Features:

- Body material: Bronze
- Connection 1: Gas inner thread cylindrical (BSPP)
- Pressure rating: PN 16
- Operation: Hand wheel
- Sealing: Bronze
- Version: Globe valve



Pressure and Temperature Range

| | 20°C | 200°C | |
|--------|------|-------|-------|
| 3/8–3" | 16 | 12 | [bar] |

Fig 251A Globe Valve

- Econ® bronze globe valves with threaded bonnet
- Renewable PTFE disc ring
- Straight pattern
- BSP female threaded connection
- Inside screwed stem and rising hand-wheel

Application:

- Water
- Oil
- Air
- Gas

Features:

- Body material: Bronze
- Connection 1: Gas inner thread cylindrical (BSPP)
- Pressure rating: PN 16
- Operation: Hand wheel
- Disc version: Fixed disc
- Sealing: PTFE
- Version: Globe valve



Pressure and Temperature Range

| | 20°C | 185°C | |
|---------|------|-------|-------|
| 1/4"–3" | 16 | 10 | [bar] |

Fig 500 Check Valve

- Bronze Econ® check valves for horizontal installation

Features:

- Standard: EN
- Body material: Bronze
- Connections: Outer thread gas cylindrical (BSPP)
- Pressure rating: PN 16
- Valve shape: Disc



Pressure and Temperature Range

| Figure | Pressure and temperature range |
|------------|----------------------------------|
| Fig. 500BR | 16 bar – 120°C 12 bar – 200°C |
| Fig. 500TE | 16 bar – 120°C 10 bar – 185°C |

Fig 505 Check Valve

- Bronze Econ® check valves for horizontal and vertical (upward flow) installation

Features:

- Standard: EN
- Body material: Bronze
- Connections: Gas inner thread cylindrical (BSPP)
- Pressure rating: PN 16
- Valve shape: Swing type valve



Pressure and Temperature Range

| Figure | Pressure and temperature range |
|------------|----------------------------------|
| Fig. 505BR | 16 bar – 120°C 12 bar – 200°C |
| Fig. 505TE | 16 bar – 120°C 10 bar – 185°C |

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Fig 1750 Gate Valve

- Smith forged steel gate valves with stainless steel seat
- Trim 8
- NPT female threaded ends connection acc. to ANSI B1.20.1
- Regular bore, outside screwed stem and yoke
- Bolted bonnet with yoke

Application:

- Steam
- Water
- Oil
- Vapours and gases

Execution:

- Design API 602

Options:

- Other trim materials
- High pressure ratings
- With flange connections, socket weld or butt weld
- Other materials for higher or lower temperatures and for corrosive media

Features:

- Body material: Steel
- Connection 1: Internal thread (NPT)
- Pressure rating: ANSI 800
- Sealing: Trim 8
- Bonnet type: Flanged
- Material quality: ASTM A 105N



Pressure and Temperature Range

| -29/38 | 93 | 149 | 204 | 260 | 316 | 343 | 371 | 399 | 427 | 454 | 482 | 510 | 538 | [°C] |
|--------|-------|-------|-------|-----|-------|------|------|------|------|-----|------|-----|-----|-------|
| 136.2 | 124.1 | 120.7 | 116.5 | 110 | 100.7 | 98.6 | 97.9 | 92.7 | 75.8 | 49 | 31.7 | 19 | 9.7 | [bar] |

ASTM A105N not recommended for prolonged use over 426°C

Check the data above to ASME B16.34 (latest revision)

* Other valves available....

In addition to the range shown, the following product ranges are also available:

- Butterfly valves
- Diaphragm valves
- Knifegate valves








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