GEMÜ B44
pneumatically operated

GEMÜ B54
motorized

GEMÜ B24
manually operated

Sanitary ball valves for stringent requirements GEMÜ BB04, B24, B44 and B54

Areas of application

- Pharmaceutical, biotechnology and cosmetics industries
- Foodstuffs and beverages
- Water treatment
- Steam processing
- CIP/SIP processes
- Waste water treatment
- Storage and distribution
- Drying

Features

- 1.4435 material with checked delta ferrite proportion < 3%
- Media wetted surfaces according to ASME SF5 (Ra ≤ 0.51 µm)
- FDA, USP Class VI and Regulation (EU) No. 10/2011 compliant seal materials
- 3.1 Certificates for all media wetted components
- Top flange ISO 5211 for simple actuator mounting
- Butt weld spigots in extended orbital welding design

Description

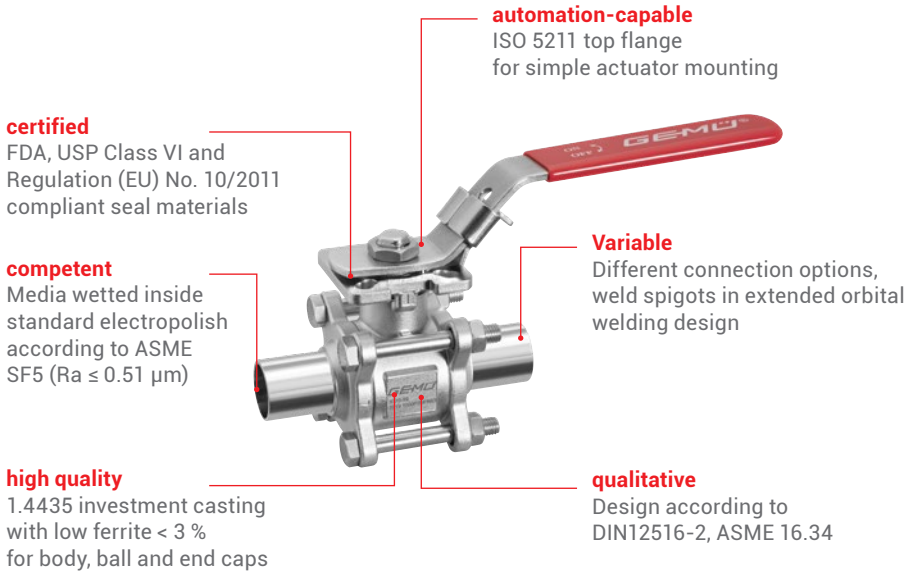
The three-piece 2/2-way GEMÜ BB04, B24, B44 and B54 metal ball valve series is particularly suited to applications in the supply sector for the pharmaceutical, foodstuffs processing and biotechnology (such as water treatment and sterile steam generation) industries thanks to the 1.4435 stainless steel alloy material composition used (compliant with 316L) with a low delta ferrite proportion of < 3%.
Only those plastics which are compliant with FDA, USP Class VI and Regulation (EU) No.10/2011 are used for the seals.

- With bare shaft: GEMÜ BB04
- Manual: GEMÜ B24
- Pneumatic: GEMÜ B44
- Motorized: GEMÜ B54

Technical specifications

- Media temperature*:
  -10 to 220 °C
- Ambient temperature:
  0 to 60 °C
- Operating pressure*:
  0 to 63 bar
- Nominal sizes:
  DN 8 (1/4") to DN 100 (4")
- Body configuration:
  Straight through body
- Connection types:
  Butt weld spigot | clamp
- Connection standards:
  ASME | DIN | ISO
- Body materials (body, end cap, ball):
  1.4435 (material composition complies with 316L), investment casting material with defined delta ferrite < 3%
- Seal materials:
  PTFE TFM™
- Conformities:
  FDA | USP Class VI | Regulation (EC) No.1935/2004 | Regulation (EU) No.10/2011 | ATEX 2014/34/EU

* depending on version and/or operating parameters



GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG
Fritz-Müller-Straße 6–8 · 74653 Ingelfingen-Criesbach, Germany
Phone +49 (0) 7940 123 0 · info@gemue.de

Subject to alteration · 08/2021 · 88714976