

INTRODUCTION

The Gemü metallic body weir-style diaphragm valve is produced to numerous world standards. This brochure is specific to the North American standards for diaphragm valve bodies conforming to MSS-SP88. For DIN, BS or other international standards or for other non-North American products, consult the factory.

Gemü's product series numbers refer to the valve top-work due to the wide variety of manual bonnets, automated options and accessories. The range of products offered illustrate the reason Gemü is the world-wide leader in diaphragm valve solutions.

APPLICATIONS

Typical applications include the chemical process industry, mining, power generation, water treatment and filtration systems, electroplating, steel production and treating, food industry, beverages, paints, leather, semiconductors, pharmaceutical, textiles, alcohol and sugar, pulp and paper.

ADVANTAGES

- 100% bubble tight shutoff, which exceeds ANSI class VI standards.
- Excellent throttling characteristics.
- Lower initial cost than many other valve technologies.
- Packless and glandless design ensures trouble-free operation and lower cost of ownership than alternative technologies.
- No stuffing box to repack or packing gland to adjust.
- Top-entry design lowers maintenance costs and provides easy in-line maintenance.
- Exclusive modular design lowers spare parts costs by reducing the number of components to be stocked.
- Can be installed in any position and is bi-directional.
- Can be installed to self-drain.
- Standard position indicator.
- Existing manual valves can be automated easily, in-line and with no special tools.
- Wide variety of bonnet options and accessories available.

DESIGN FEATURES

The Gemü weir-style valve is an ideal solution for both on/off and modulating applications as the media only comes in contact with the body/lining and the diaphragm. The Gemü weir-style valve is more economical than alternate valve concepts for flow control applications and has no internal cavities or crevices to entrap process fluids. Weir-style valves can also be installed to self-drain.

Bodies are available in NPT, socket-weld and Class 150 ANSI flanges bodies. Flanged bodies are available unlined, rubber lined, glass lined, polypropylene lined and PFA lined. Alternate linings upon request. The metal bonnet can also be fitted to our solid plastic weir-style range if desired.

