

GEMÜ® Press Release

New! Seal adjuster for aseptic diaphragm valve

The GEMÜ 602 stainless steel diaphragm valve with stainless steel handwheel is now available with a manually operated seal adjuster.

Excessive closing forces lead to over-compression of the diaphragm and hence reduced service life. In the case of manual valves, it is generally the small nominal sizes and diaphragm sizes that are particularly affected. Depending on the force applied by the user, the diaphragm is compressed sometimes more and sometimes less during the closing process. To prevent over-compression, the seal adjuster is set in such way that the valve closes optimally and the diaphragm is not compressed more than necessary at the same time. If the user then turns the handwheel, it will encounter a limit stop, thereby protecting the diaphragm. Seal adjusters can also be used effectively for setting a minimum flow.



GEMÜ 602 is available in diaphragm size 8 (MG8) and nominal sizes DN 4 – 15. The Kv values of the small valves are between 0.5 – 2.2 m³/h, depending on the nominal size and connection. The stainless steel valve bodies are from the proven GEMÜ modular system and are therefore fully compatible with existing equipment. Connections available are butt weld spigots, clamps and threaded connections to DIN, ASME BPE, BS and JIS. Valves with an EPDM diaphragm are suitable for use up to 10 bar and with PTFE diaphragm up to 6 bar operating pressure. The stainless steel handwheel and the bonnet are designed to be easily cleanable and the valves are CIP/SIP capable and autoclavable.