

Information on replacing the diaphragms of ASV diaphragm valves

Diaphragm valve diaphragms are wear parts. Each diaphragm is subject to mechanical wear and wear caused by the medium. Therefore it is very important to regularly check the condition of the diaphragms and ensure that they are replaced in time in order to ensure the functional reliability of the valve.

We recommend carrying out this check after the maximum number of actuations specified in the following tables:

MV 309 and MV 310*

Diaphragm material	Max. number of actuations
EPDM	150,000
FPM	100,000
PTFE (EPDM)	100,000

MV 308

Diaphragm material	Max. number of actuations
EPDM	200,000
FPM	200,000
PTFE (EPDM)	200,000

These recommendations are based on extensive laboratory tests and long-term experience in the industry. They apply to use at a temperature of 20°C, with water and at rated pressure. We recommend shorter inspection intervals for different operating conditions, in particular for higher temperatures, the use of chemicals or media containing solid particles and / or abrasive media.

*MV 310: The values apply for all manual sizes and pneumatic diaphragm valves up to DN 50.