

More information about the special features!

More information about the special features of our Round-Oval-Body Gate Valve new construction DN 250 up to DN 1200 according the brochure and the data sheet. We want to expose the advantages over the conventional constructions:

- 1. Our Gate Valve generally provides a special construction of the head (bearing and adapter flange)**
The replacement of the handwheel with a gearing or e-actuator in the pipeline system is very easy only by bolting! Drilling and welding is not necessary for the replacement! Our experience has shown: If the company decides in the future to replace the handwheel with a gearing or an e-actuator, you will have big trouble. Therefore we determine depending on the turning moment the dimension of the adapter flange and the plug-in connection according B2
- 2. The precision machining of the sleeve allows the replacement with TA Luft and Fire Safe gland packings.** In the future it could happen that the whole industrial plant must fulfil new environmental regulation like TA Luft and Fire Safe. A retrofitting without the right constructive conditions is very expensive! We created the right constructive conditions, so it will be very easy to replace the old gland packing with the new one according to TA Luft and Fire Safe.
- 3. The bonnet gasket complies by default the conditions according TA Luft and Fire Safe API 607.** A retrofitting in the future is in this case very expensive too. You have to remove the insulation and the bolts of the bonnet. After the replacement you have to use new bolts and nuts. This effort is dispensed with our new construction!
- 4. The body consists of a body-pipe and a hemispherical head.** The result is a high form stability. The new form of the body base with a body-pipe, the hemispherical head and the inside stiffening ribs effect a high form stability which is very important for tightness and unobstructed operation with the use of heating lines. Due to the axial tensile and compressive forces as well as the torsional stiffness.
- 5. The welding seams are less and optimal testable.** The new form of the body enables overall less welding seams and welding procedures that are optimal testable.

The customer gets a valve that is easy convertible for new conditions in the future with the lowest costs and effort.