

Product description:

Features:

Side entrance design

Anti-expulsion stem: The stem is made separately from the ball. The lower end of the stem is designed

with a full shoulder to be burst-proof.

Antistatic Device: the antistatic device is a standard feature of the Cowinns ball valve.

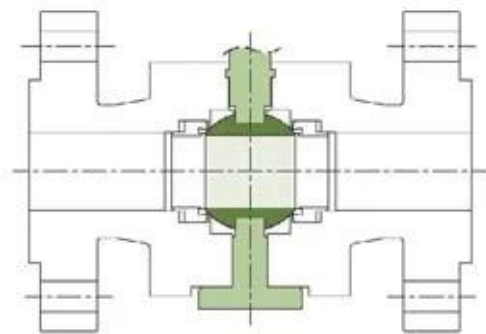
instruction of the trunnion ball valve:

Over it a ball with a free floating ball, the ball is forced against the descending flow seat by the pressure of the fluid acting on the entire surface of the ball.

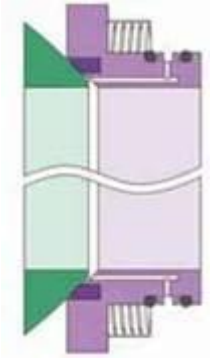
From the resulting torque is a product of the frictional force and seat ball contact radius, the breaking torque at opening substantially increases with the increasing differential pressure and / or valve size.

This means that above a certain size and / or a certain differential pressure the necessary the opening torque in opening will be so high that it will be impossible operate the valve.

Over it a ball valve mounted on a pin, in which the ball is fixed and the seat rings are floating, the fluid load due to the differential pressure acting on the surface of the the ball is transported by the bearing, while the necessary seat action is obtained of the action of fluid pressure on a relatively small annular area of the seat rings.



ball mounted on pin



floating seat ring