



Reducers from Danish Valve Center is built with powering through a worm and can be turned 900, with the ability to adjust the angle of the open and closed positions by + / - 5°.

The gear in the picture is illustrated as being open. Adjustment of the opening angle can be made by loosen the nut on the open bolt and adjusting screw outward or inward.

If you adjust the screw outward valve will open more in this position and less if you adjust the screw inwardly. Similarly, one can adjust the gear in closed position. By adjusting the screw inwards can be reduced valve closing angle. When adjusting screw outward valve will be closed further into the valve seat.

When using the gear on DVC butterfly valve TYPE 2231/41, it is advantageous not to adjust the valve into the liner / seat. The valve must be adjusted into the corrugated part of liner, and just as far into the valve is close to the differential pressure as you have in the system (about -2° on screw plug). In this way prolongs life of the valve when the liner / seat is not overloaded so hard. If the valve over time leak in the effluent, it is advantageous to adjust the flap a little further into the liner / seat.

When the gear is aligned properly, be sure to tighten the lock nut so the setting is preserved.

