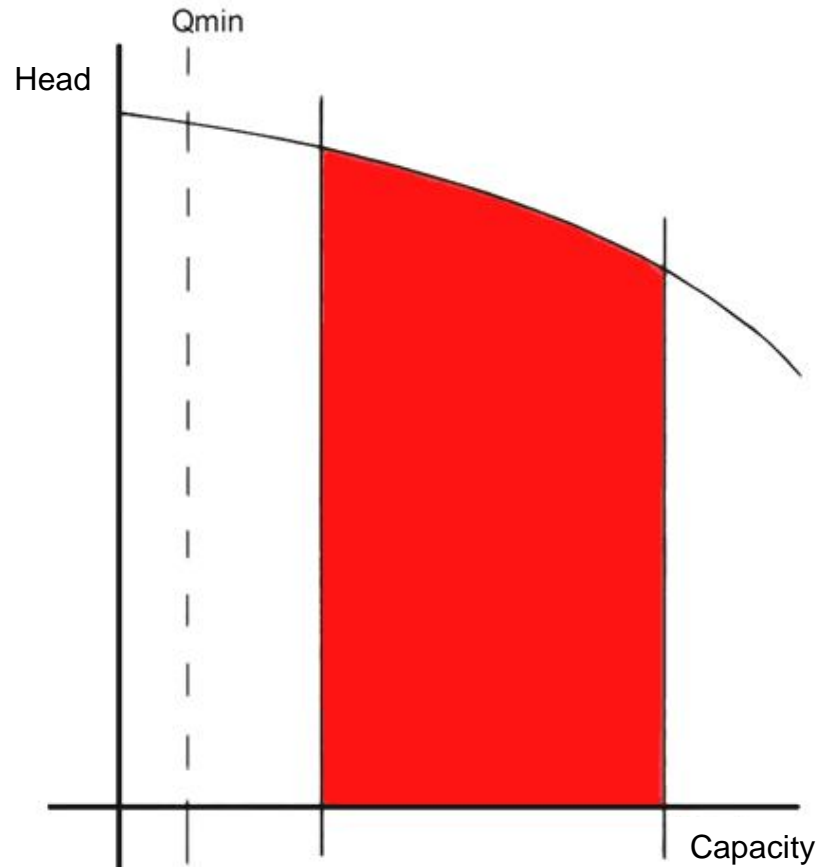


Axial forces act on the rotor of centrifugal pumps. They are the result of different pressures at front and rear of the impeller and are directed to the suction.

The hydraulic axial thrust balancing system eliminates these forces. Mainly it consists of a pressure balancing chamber at the rear of the impeller.

The grade of opening of the variable orifice controls the pressure in the balancing chamber and thus maintains the rotor in the required position.

Limited Operating Range



Nikkiso Operating Range

