

$$p_1 + \frac{\rho}{2} v_1^2 + \rho g h_1$$

$$P = \Delta p I_v = 349 \text{ W}$$

$$\Delta p = p_4 - p_2 - \rho g h_3 = 1.14 \text{ bar}$$

$$p_2 + \frac{\rho}{2} v_2^2 + \rho g h_2$$

$$p_4 + \frac{\rho}{2} v_4^2 + \rho g h_4$$

