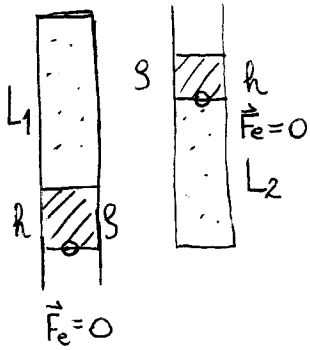


8.) $T = \text{all}$ $p_0 = ?$

L_1, L_2, h, S adott



$$pV = nRT$$

$$p_H = hSg$$

$$\left. \begin{array}{l} 1: p_1 A + A h S g = p_0 A \\ 2: p_0 A + A h S g = p_2 A \end{array} \right\} \rightarrow \left. \begin{array}{l} p_2 = p_0 + h S g \\ p_1 = p_0 - h S g \end{array} \right\} \div$$

$T = \text{all}$

$$pV = \underline{nRT} \rightarrow p_1 V_1 = p_2 V_2$$

$$p_1 L_1 A = p_2 L_2 A$$

$$\frac{p_1}{p_2} = \frac{L_2}{L_1}$$

$$\frac{p_2}{p_1} = \frac{L_1}{L_2}$$

$$\frac{p_0 + h S g}{p_0 - h S g} = \frac{L_1}{L_2}$$

\Downarrow

p_0