Exposicion 6 : Ecuacion de Torricelli

① $h = 3m$

$v = \sqrt{2gh} = \sqrt{2(9.81)(3)} = 7.67 \, m/s$

$U = ¿?$

② $V_2 = 20 \, mm = 0.02 \, m$ $\{m_1 - m_2 = \left(\dfrac{0.09999}{0.00393}\right)$

$(\sqrt{97.7} - \sqrt{0.2}) = 27.7785$

$V = \sqrt{2g(7.5)} = 5.4249 \, m/s$

③ $h = 20 \, m$ $V = \sqrt{2gh} = \sqrt{2(9.81)(20 \, m)} = 19.80 \, m/s$
   $r = 5 \, cm$

$(\pi \, 6s^2)(19.809) = 0.1555 \, m^3/s$

$C = 9.3348 \, m^3/min$

④