1) Datos

$$P_1 = 2 \text{ bar } (\text{manimitro}) = 3 \text{ bar } (abs)$$
 $V_1 = 300 L = 300,000 \text{ cm}^3$ 
 $8 \text{ biametro} = 40 \text{ cm}$ 
 $\text{vetraceisin} = 40 \text{ cm} = L$ 
 $V_2 = V_1 - (\frac{\pi}{4} D^2 L) = 300,000 - (0.7854 \text{ x} (40)^2 \text{ x} 40) = 2249,734 \text{ si8 cm}^3$ 
 $\approx 249,735 L$ 
 $Contoness$ 
 $P_1 V_1 = P_2 V_2$ 
 $P_2 V_2 = \frac{3.300}{249.755} = 3.604 \text{ bor } (abs)$ 
 $P_2 = 2.604 \text{ bor } (\text{manimitro})$ 

