

Αριθμός Reynolds

$$Re_D = \frac{\rho u D}{\mu} = \frac{u D}{\nu}$$

Μέση ταχύτητα: $u(=\bar{u}) = \frac{\dot{m}}{\rho A} = \frac{\dot{V}}{A} = \frac{\dot{V}}{\pi R^2}$



$$Re_D > 4000$$



$$2100 < Re_D < 4000$$



$$Re_D < 2100$$