

Hydraulic diameter = dh

[@wikipedia](#)

In many [Pipe Flow Simulation](#) non-circular [pipes](#) can be accurately modelled as [circular pipe](#) with [hydraulic diameter](#) d_h :

(1)
$$d_h = \frac{4 A}{P}$$

where

<i>A</i>	Cross-sectional area of non-circular pipe
<i>P</i>	Perimeter of the of non-circular pipe

See also

[Natural Science](#) / [Engineering](#) / [Pipeline Engineering](#) / [Pipelines](#) / [Pipe](#)

[[Physics](#) / [Fluid Dynamics](#) / [Pipe Flow Dynamics](#) / [Pipe Flow Simulation](#)]