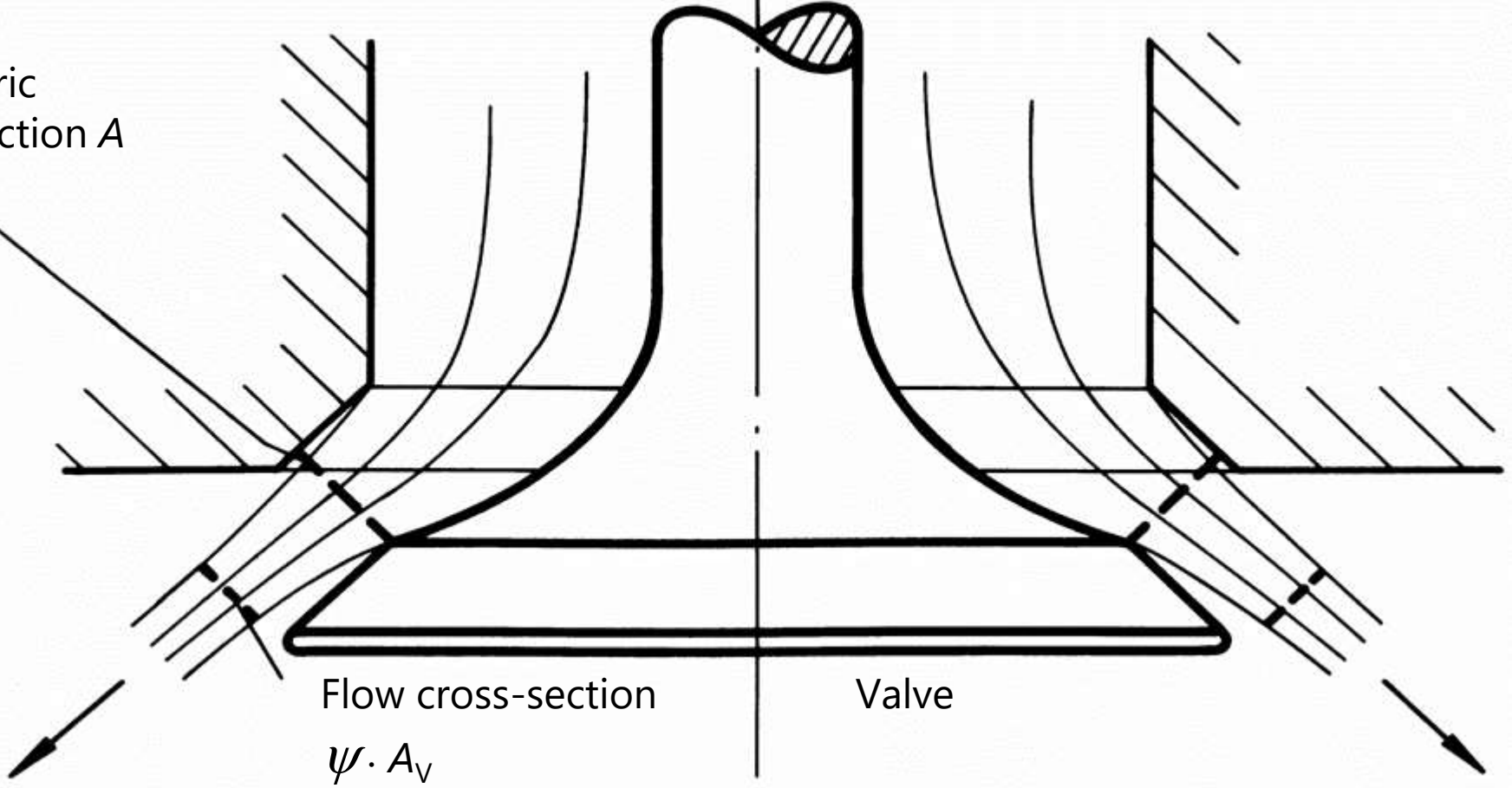


Geometric
cross-section A



Flow cross-section

Valve

$$\psi \cdot A_v$$