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NOTATION

- C_v Slurry volume concentration
- C_d Particle drag coefficient
- d Particle diameter [m]
- D Pipe diameter [m]
- D_i Pump impeller diameter [m]
- η Pump efficiency ratio
- g Acceleration due to gravity [m/s^2]
- H Head [m]
- H_p Pump head ratio
- K Fluid consistency index (in Herschel-Bulkley model) [$Pa \cdot s^n$]
- L Pipe length [m]
- n Flow behaviour index (in Herschel-Bulkley model)
- ΔP Pressure drop [N/m²]
- Re_p Particle Reynolds number / Pump Reynolds number
- γ Specific gravity
- S_f Particle shape factor
- U_m Mean mixture (slurry) velocity [m/s]