|  |  |
| --- | --- |
| *A [m²]* | Area |
| *H [m]* | Pump head |
| 𝑁s *[-]* | Pump specific speed |
| *P*𝑥*[W]* | Power related to description in subscript *x* |
| *P*𝐻*[W]* | Hydraulic power of pump |
| *P*M*[W]* | Mechanical power on pump shaft |
| *Q[m3/s]* | Flow through pump |
| *d50 [µm]* | Diameter of sand particle for which 50% of the sand sample (by mass) has a particle diameter  less than this given diameter |
| *g [m/s2]* | Gravitational acceleration |
| *p [Pa]* | Static pressure |
| *ptotal [Pa]* | Total pressure |
|  | Normal-, tangential and position vectors |
| 𝛺*[rad/s]* | Pump rotational speed |
| *τ [N/m²]* | Shear stress |
| 𝜂*[-]* | Efficiency |