|  |  |  |  |
| --- | --- | --- | --- |
|  | Square | Triangle | Circle |
| Velocity (v) | Numerical  0.7185 (m/s)  Analytical  0.7367 | Numerical  0.6319  Analytical  0.6415 | Numerical  0.7963  Analytical  0.7958 |
| Flowrate (Q) | Numerical  3.4714E-9 (m^3/s)  Analytical  3.5191-9 | Numerical  2.88E-9  Analytical  2.8868E-9 | Numerical  3.978E-9  Analytical  3.9790E-9 |
| Hydraulic Resistance (Rhyd) | Numerical  2.88E11 (kg/(m^4\*s))  Analytical  2.8415E11 | Numerical  3.4713E11  Analytical  3.4640E11 | Numerical  2.5137E11  Analytical  2.5132E11 |