Sample Calculation:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| K | Q (L/min) | V (m/s) | Re | f | State | P (Pa) | h (m) |
| 0.5 | 2 | 0.0170 | 25414 | 0.002518 | Laminar | 0.0218 | 9.56E-06 |
| 0.5 | 9 | 0.0764 | 114363 | 0.000560 | Turbulent | 0.0980 | 0.000159 |
| 0.5 | 20 | 0.1698 | 254140 | 0.000252 | Turbulent | 0.2177 | 0.000757 |
| 0.8 | 2 | 0.0170 | 25414 | 0.002518 | Laminar | 0.0218 | 1.4E-05 |
| 0.8 | 9 | 0.0764 | 114363 | 0.000560 | Turbulent | 0.0980 | 0.000248 |
| 0.8 | 20 | 0.170 | 254140 | 0.000252 | Turbulent | 0.2177 | 0.001197 |