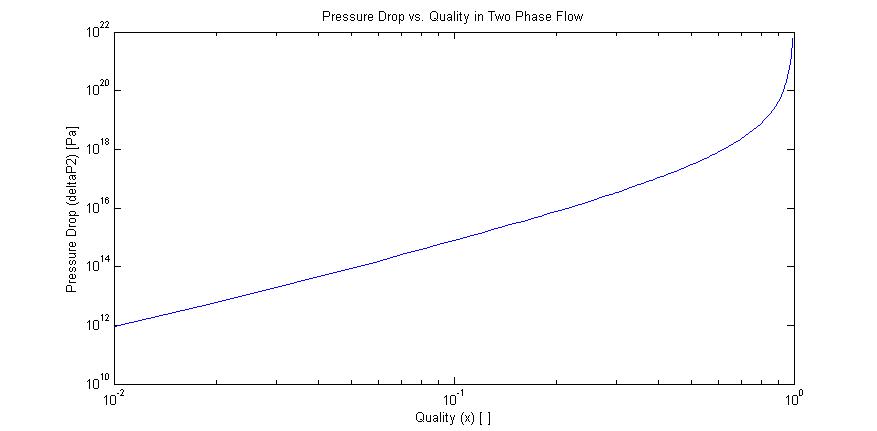
1. Two Phase Flow
   1. Total Pressure Drop

|  |  |  |
| --- | --- | --- |
| Air inlet flow rate [m^3/s] | Water inlet flow [m^3/s] | Pressure Drop [Pa] |
| 0.001 | 0.00020 | 42907.01 |
| 0.001 | 0.00040 | 34175.61 |
| 0.001 | 0.00080 | 36375.60 |
| 0.001 | 0.0020 | 67426.61 |
| 0.002 | 0.00020 | 262730.26 |
| 0.002 | 0.00040 | 171628.02 |
| 0.002 | 0.00080 | 136702.45 |
| 0.002 | 0.0020 | 159724.27 |
| 0.01 | 0.00020 | 24929022.36 |
| 0.01 | 0.00040 | 13620317.66 |
| 0.01 | 0.00080 | 7746197.91 |
| 0.01 | 0.0020 | 4290700.52 |

* 1. Total Pressure Drop as function of flow quality



# Works Cited

Munson, Y. O. (2009). *Fundamentals of Fluid Mechanics.* Hoboken, NJ: Wiley and Sons, Inc.