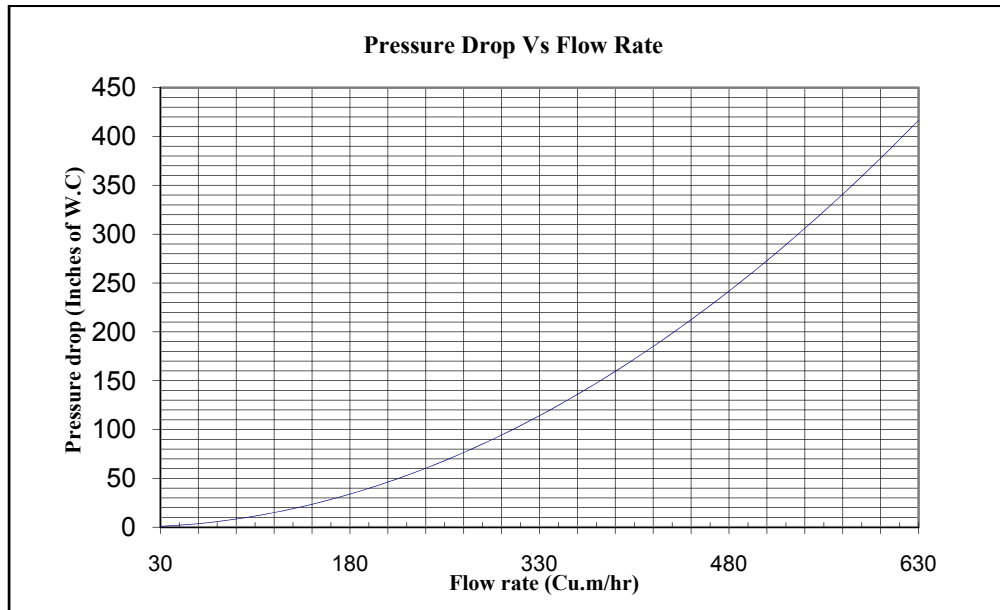


**Graph for Pressure drop across Flow meters**

Flowmeter Size: 6 INCH                      Range                      : 42 – 630 Cu. Meter/hr  
 Density @                      : 999.11 Kg/Cu. Meter                      Temp                      : 15° C



# Water Flowmeter 6 Inch Pressure Drop

| Sr.No | Flow rate<br>Cu.m/hr | Velocity<br>m/sec | Pressure drop<br>Kg/Sq.Cm | Pressure drop<br>Inches of W.C |
|-------|----------------------|-------------------|---------------------------|--------------------------------|
| 1     | 30                   | 0.447             | 0.0024                    | 0.944                          |
| 2     | 60                   | 0.895             | 0.0096                    | 3.778                          |
| 3     | 90                   | 1.342             | 0.0216                    | 8.501                          |
| 4     | 120                  | 1.789             | 0.0384                    | 15.112                         |
| 5     | 150                  | 2.237             | 0.0600                    | 23.613                         |
| 6     | 180                  | 2.684             | 0.0864                    | 34.003                         |
| 7     | 210                  | 3.131             | 0.1176                    | 46.282                         |
| 8     | 240                  | 3.579             | 0.1535                    | 60.449                         |
| 9     | 270                  | 4.026             | 0.1943                    | 76.506                         |
| 10    | 300                  | 4.473             | 0.2399                    | 94.452                         |
| 11    | 330                  | 4.921             | 0.2903                    | 114.287                        |
| 12    | 360                  | 5.368             | 0.3455                    | 136.011                        |
| 13    | 390                  | 5.815             | 0.4054                    | 159.624                        |
| 14    | 420                  | 6.263             | 0.4702                    | 185.126                        |
| 15    | 450                  | 6.710             | 0.5398                    | 212.517                        |
| 16    | 480                  | 7.157             | 0.6142                    | 241.797                        |
| 17    | 510                  | 7.605             | 0.6933                    | 272.966                        |
| 18    | 540                  | 8.052             | 0.7773                    | 306.025                        |
| 19    | 570                  | 8.499             | 0.8661                    | 340.972                        |
| 20    | 600                  | 8.947             | 0.9596                    | 377.808                        |
| 21    | 630                  | 9.394             | 1.0580                    | 416.534                        |