**Orifice Characteristics**

For cross checking purpose, the sample results obtained from actual experimental set up are given here:

**Process Fluid (Service):** Water

**Measurement Taps:** Flange

**Calibrated Flow range:** 0 to 3100 lph

**DPT range:** 0 to 430 mmWC

**DPT ouput:** 4 to 20 mA

**Supply Voltage:** 24V

**Pipe Diameter (ID), D:** 40mm (NB)

**Orifice Diameter, d:** 22mm (NB)

|  |
| --- |
|  |
| **Flow** lph | **delta p** mmWC | **DPT Output** mA |
| 0 | -0.875 | 3.99 |
| 16 | 0 | 4 |
| 1000 | 46.5 | 5.68 |
| 1380 | 87.7 | 7.26 |
| 1770 | 137 | 9.09 |
| 2080 | 196 | 11.28 |
| 2380 | 265 | 13.83 |
| 2690 | 341 | 16.73 |
| 3080 | 424 | 19.8 |