# AQ79 Flanged Sample Quill Model Code

| AQ79 | - | T1 | T2 | T3 | - | T4 | - | T5 |
|---|---|---|---|---|---|---|---|---|

| AQ79 | Sample Quill - 0.385” Bore - Flanged to Process |
|---|---|
| Double Block & Bleed Ball-Needle-Ball Valve - 316/316L | |

| T1 | Flange Size NPS | Nominal Pipe OD |
|---|---|---|
| 1” | 1” NPS | 1.315” |
| **1.5”** | **1.5” NPS** | 1.900” |
| **2”** | **2” NPS** | 2.375” |
| Other | Consult factory | |

| T2 | Flange Class per ASME B16.5 |
|---|---|
| 150# | Class 150 |
| 300# | Class 300 |
| 600# | Class 600 |
| 900# | Class 900 |
| 1500# | Class 1500 |

| T3 | Flange Face |
|---|---|
| **RF** | **Raised face** |
| RTJ | Ring-type joint |
| FF | Flat face |

| T4 | Specify “U” Length (inches) |
|---|---|
| “inches” | Specify length in inches |

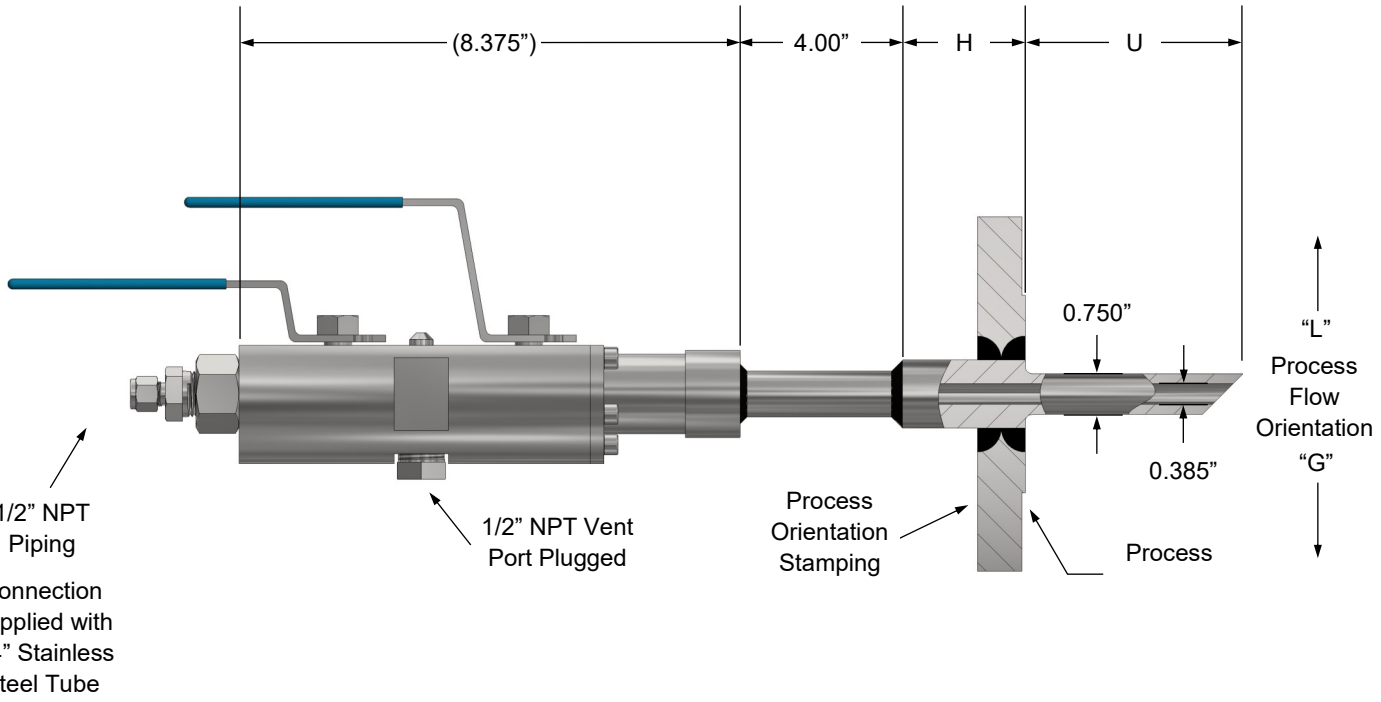
| T5 | Process Flow Orientation |
|---|---|
| G | Into back wall of shank |
| L | Into 45° |

| Double Block & Bleed Valve Specifications | |
|---|---|
| Valve configuration | Ball (isolation) - Needle (vent) - Ball (isolation) |
| Piping connection | 1/2” NPT(F) |
| Seat diameter | 10mm |
| Vent port | 1/2” NPT(F) port (plugged) |
| Wetted material & body | 316/316L Stainless Steel |
| Packing material | PTFE (-35* to 204°C) **Packing material only* |
| Pressure / temperature rating | Per B16.34 / -29°C |
| Valve design | B16.34 |
| Valve manufacturer | Mac-Weld Machining Ltd. |

NOTES:
1. Part number example: AQ79-2”600RF-12-G
2. Quill, nipple and valve material is 316/316L stainless steel
3. Reference page 2 for part outline and dimensions
4. Consult factory for Canadian Registration Number (CRN) information


Aircom Instrumentation Ltd.
9328 - 37 Avenue NW
Edmonton, AB T6E 5K3
Ph: (780) 434-6916
Sales@AircomInstrumentation.com
www.AircomInstrumentation.com

# AQ79 Flanged Sample Quill Dimensions




| Aircom Standard “H” Length (inches) | | | | |
|---|---|---|---|---|
| **Class 150** | **Class 300** | **Class 600** | **Class 900** | **Class 1500** |
| 2.25” | 2.25” | 2.25” | 3.25” | 3.25” |

NOTES:
1. Bar stock to flange is a full penetration weld
2. Flange dimensions per ASME B16.5
3. Raised face (RF) flange finish 125-250 RMS
4. Quill orientation to process flow will be stamped with an arrow on flange face
5. Quill bolt orientation to be two-hole
6. “RF” raised face flange face (T3) shown above


Aircom Instrumentation Ltd.
9328 - 37 Avenue NW
Edmonton, AB T6E 5K3
Ph: (780) 434-6916
Sales@AircomInstrumentation.com
www.AircomInstrumentation.com