



**Data Sets (No. of Sensors)**

|          |    |
|----------|----|
| Caliper  | 12 |
| Odometer | 2  |

**Physical Attributes**

|        |                |
|--------|----------------|
| Length | 29 in (737 mm) |
| Weight | 51 lb (23 kg)  |

**Operational**

|                                                |                              |
|------------------------------------------------|------------------------------|
| Maximum Pressure                               | 1500 psi (10342 kPa)         |
| Temperature Range                              | 32° to 140°F (0° to 60°C)    |
| Velocity (Preferred)                           | 0.1 to 9 mph (0.04 to 4 m/s) |
| Minimum Required<br>Diff. Pressure (Launching) | 50 psi (345 kPa)             |
| Minimum Required<br>Diff. Pressure (Running)   | 45 psi (310 kPa)             |

**Pipeline Geometry Requirements**

|                                                      |                  |
|------------------------------------------------------|------------------|
| Minimum Cross Section Diameter                       | 9.56 in (243 mm) |
| Minimum Bend Radius                                  | 1.5D             |
| Minimum Bend Separation (1.5D Bends)                 | Back to Back     |
| Minimum Tee Separation<br>(Centerline to Centerline) | 32 in (813 mm)   |

**Reporting**

**Dent/Ovality Sizing**

|                               |                  |
|-------------------------------|------------------|
| Dent Depth Sizing             | 0.06 in (1.6 mm) |
| Ovality ID Reduction Accuracy | 0.06 in (1.6 mm) |

**Location Accuracy**

|                                |               |
|--------------------------------|---------------|
| Feature to Upstream Girth Weld | ±1 in (25 mm) |
| Feature Orientation            | ±15°          |

**Bend Data**

|                |     |
|----------------|-----|
| Angle Accuracy | ±2° |
|----------------|-----|

**Axial Sampling**

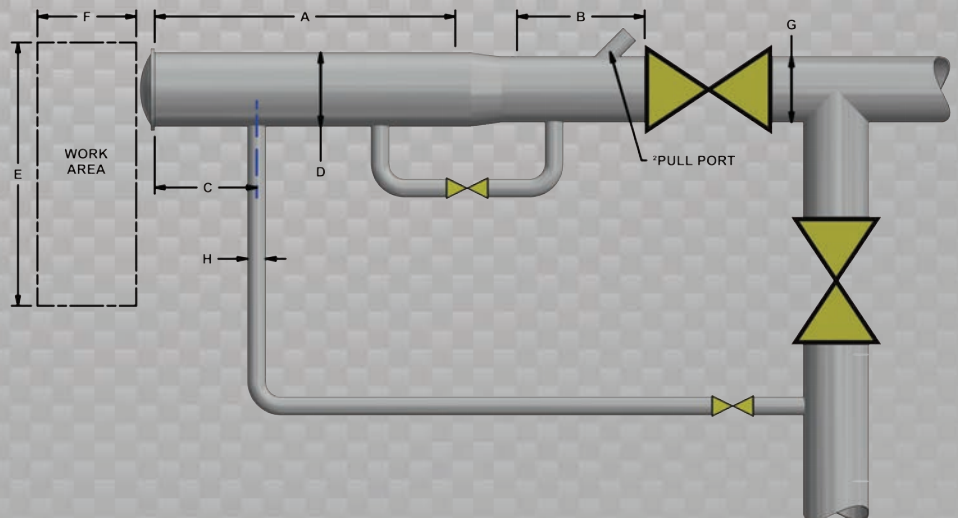
|                                           |                  |
|-------------------------------------------|------------------|
| Depends on Speed, Line Condition & Length | 1.5 in (38.1 mm) |
|-------------------------------------------|------------------|

**Suggested Minimum Trap Dimensions (Contact Enduro For Minimum DdL-Combo Trap Dimensions)**

| Traps           | A               | B               | C              | D              | E               | F                | G              | H             |
|-----------------|-----------------|-----------------|----------------|----------------|-----------------|------------------|----------------|---------------|
| <b>Launcher</b> | 41 in (1041 mm) | 15 in (381 mm)  | 18 in (457 mm) | 14 in (356 mm) | 60 in (1524 mm) | 101 in (2565 mm) | 12 in (305 mm) | 4 in (102 mm) |
| <b>Receiver</b> | 41 in (1041 mm) | 41 in (1041 mm) | 18 in (457 mm) | 14 in (356 mm) | 60 in (1524 mm) | 101 in (2565 mm) | 12 in (305 mm) | 4 in (102 mm) |

**Notes**

- Data quality and run success is dependent on tool speed & line conditions
- Pipelines that are outside of the scope of these specifications can be assessed on an individual basis
- Tool design may vary from image above
- <sup>2</sup>Contact Enduro for details



**12" DdL**