

**DESIGN**

**Tool Attributes**

Odometer Channels	2
Odometer Resolution	500 times a second sampling
Data Storage	Flash Data Storage, expandable
Inertial Mapping	GIS/GPS Mapping & Geospatial Reporting

DATA SETS (# Sensors)		OPERATIONAL	
Caliper	24	Max. Pressure	1875 psi (12928 kPa)
Gyros	3	Temp. Range	32 to 170 °F (0 to 77 °C)
Accelerometers	3	Velocity	≈ 0.1 to 10 mph (0.04 to 4.0 m/s)
		Required Differential Pressure	5 to 20 psi (34 to 138 kPa)

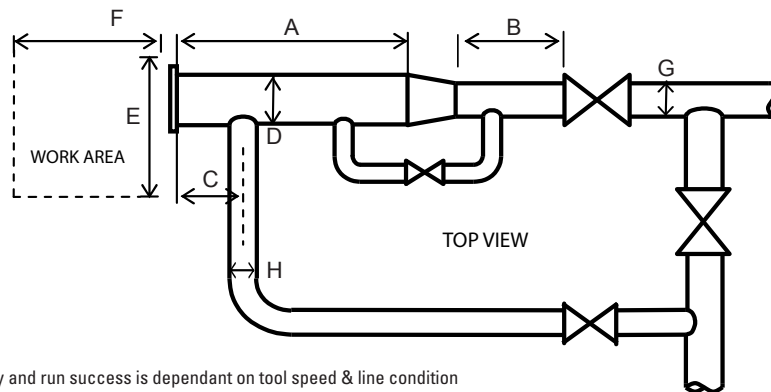
PIPELINE GEOMETRY REQUIREMENTS	in (mm)
Minimum Local Bore	25% of pipe O.D.
Min. Bend Radius	1.5D
Min. Bend Separation	Capable of back to back bends

IMU SPECIFICATIONS @ 3 to 8 mph (1.3 to 3.6 m/s)		DIMENSIONS	
		Length	71.92 in (1827 mm)
		Weight	1198.88 lb (544 kg)
		* Run Time	163 hours

**REPORTING** in (mm)

Dent/Ovality Sizing		
Dent Depth Sizing		± 0.5% of Pipe O.D.
Dent Length Sizing		± 10% of Pipe O.D.
Ovality Depth Sizing		± 0.5% of Pipe O.D.
Bend Measurement		
Angle Accuracy		± 2 degrees
Location Accuracy		
Feature to Upstream Girth Weld		± 1.00 (25)
Feature to Upstream Marker		± 60.00 (1524)
Feature Orientation		± 15 degrees

SUGGESTED MINIMUM TRAP DIMENSIONS in (mm)								
Traps	A	B	C	D	E	F	G	H
Launcher	84 (2134)	36 (914)	18 (457)	42 (1067)	88 (2235)	144 (3658)	40 (1016)	10 (254)
Receiver	84 (2134)	84 (2134)	18 (457)	42 (1067)	88 (2235)	144 (3658)	40 (1016)	10 (254)



**Notes:**

- Data quality and run success is dependant on tool speed & line condition
- Pipelines that are outside of the scope of these specifications can be assessed on an individual basis; please contact Enduro.
- Tool design may vary from image above.

\* Increased run time available with additional battery packs

Data is subject to change without notice | 40" DdL 0002-4B-25999 Rev. 5  
1/11/2016 - 0002-19-15161 rev 2

**40 inch**

