



Data Sets (No. of Sensors)

Metal Loss (8")	56
Metal Loss (10")	56
Caliper	28
Odometer	2

Physical Attributes

Length	96 in (2438 mm)
Weight	230 lb (104 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 Diff. Pressure (Launching)	80 psi (552 kPa)
Minimum Required Diff. Pressure (Running)	70 psi (483 kPa)

Pipeline Geometry Requirements

Local Min. Cross Section Diameter	6.90 in (175 mm)
Feature Bore Restriction Diameter	7.37 in (187 mm)
Minimum Bend Radius	3D (8"), 1.5D (10")
Minimum Bend Separation (1.5D Bends)	6 in (152 mm)
Minimum Tee Separation (Centerline to Centerline)	30 in (762 mm)
Maximum Recordable Wall Thickness [@ 9 mph (4 m/s)]	0.56 in (14 mm)

Reporting

Metal Loss	Refer to Tool Performance Specification
Geometry Data	
Reporting Threshold	0.5% of Pipe OD (0.06 in/1.5 mm)
Sizing Accuracy (Depth)	0.06 in (1.5 mm)
Location Accuracy	
Axial	±1 in (25 mm) within a joint
Circumferential	±10°
Bend Data	
Angle Accuracy	±2°

Suggested Minimum Trap Dimensions

Traps	A	B	C	D	E	F	G	H
Launcher	108 in (2743 mm)	48 in (1219 mm)	18 in (457 mm)	12 in (305 mm)	58 in (1473 mm)	168 in (4267 mm)	8 in (203 mm)	4 in (102 mm)
Receiver	108 in (2743 mm)	108 in (2743 mm)	18 in (457 mm)	12 in (305 mm)	58 in (1473 mm)	168 in (4267 mm)	8 in (203 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
- ²Contact Enduro for details

