Technical Specification Sheet

Casing Collar Locator - 1 3/8 in.

The Casing Collar Locator (CCL) is used to correlate casing or tubing collars for depth accuracy purposes. The CCL is a dual magnet, center-coil device with a powered amplified signal. This feature provides maximum sensitivity to identify collars in larger casing sizes.

Ratings & Dimensions

Max Temperature	350°F (177°C)
Max Pressure	20,000 psi (137.9 mPa)
Diameter	1.38 in (35.052 mm)
Length	19.0 in (482.6 mm)
Weight	9.0 lb (4.08 kg)
Tensile Strength[1]	**Tension:** 65,000 lb **Compression:** 130,000 lb **Torque:**150 ft-lb

Hardware Characteristics

Combinability	1.38 in Production Logging Tools (3-Arm/Temp/GR)
Tool Positioning	Centralized
Borehole Fluids	Salt, Fresh and Oil

Electrical Specification

Voltage	100V DC
Current	12mA

Measurements

Sensor Type	Dual Magnet, Center Coil
Transmission	Line Wobble or Telemetry
Principle	Magnetic Flux Line
Diameter Range	2.5 in (63.5 mm) to 7 in (177.8 mm)
Primary Curve	CCL (mV)

Connections

Top	GO Single Pin Box
Bottom	GO Single Pin Male

[1]Strengths apply to new tools at 70°F (21°C) and 0 psi.

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