Technical Specification Sheet

Casing Collar Locator - 2 3/4 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	2.75 in (69.85 mm)
Length	23.6 in (599.44 mm)
Weight	29.0 lb (13.15 kg)
Tensile Strength[1]	**Tension:** 65,000 lb **Compression:** 130,000 lb **Torque:**150 ft-lb

Hardware Characteristics

Combinability	Corrosion Platform
Tool Positioning	Centralized or Eccentric
Borehole Fluids	Salt, Fresh and Oil

Electrical Specification

Voltage	100V DC
Current	13mA

Measurements

Sensor Type	Dual Magnet, Center Coil
Transmission	Line Wobble or Telemetry
Data Rate	20 frames/sec @20 kHz
Principle	Magnetic Flux Line
Diameter Range	3 in (76.2 mm) to 7 in (177.8 mm)
Primary Curve	CCL (mV)

Connections

Top	1 3/16" 12P GO box
Bottom	1 3/16" 12P GO pin

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

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