Technical Specification Sheet

Full Bore Spinner Mechanical - 1 3/8 in.

The Full Bore Spinner Mechanical (FBSM101) combines the flowmeter sensor electronics with a fast response temperature tool or with the 1 3/8" CFT (Combined Capacitance, Flow & Temperature) tool.

The flowmeter closes while passing through the completion tubing and other restrictions and opens in the casing or liner allowing the use of optimum diameter impellers that occupy a large cross-sectional area. The FBSM can be used in all casing sizes from 4 1/2" to 7".

The tool is fitted with an Elgiloy spring, tungsten carbide rollers, and with replaceable bushes.

Ratings & Dimensions

Max temperature	350°F (177°C)
Max pressure	10,000 psi (68.9 mPa)
Outer diameter	1.38 in (35.0 mm)
Length	21.8 in (554.0 mm)
Weight	7.28 lb (3.3 kg)
Flow measure point (4.5")	12.2 in (310 mm)

Measurements

Casing range	4.5 – 7.0 in (114.3 - 177.8 mm)
Flow output	10 pulses per revolution

Hardware Characteristics

Acquisition mode	Real-time (with TCU)	Memory (with MLT)
Combinability	All HD tools (RADii, iQ, PL, RAS, etc.) when connected to CFT	
Materials	Corrosion resistant materials used throughout	

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