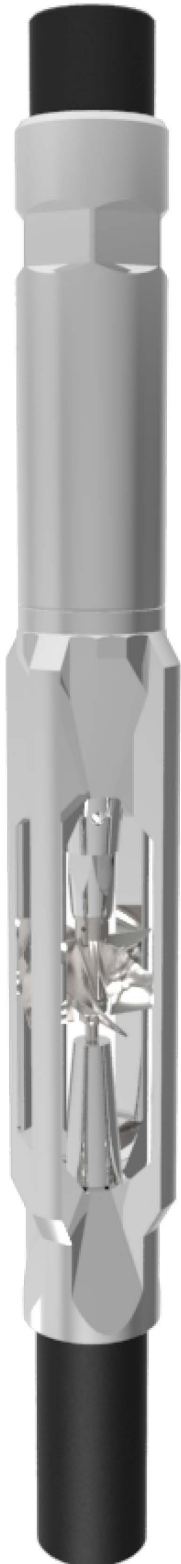


PRODUCT INFORMATION:



DESCRIPTION

The In-Line Flowmeter provides a secondary flow measurement to the primary flowmeter on the bottom of the toolstring (CFF, BFF, FCF or FFM) as well as enabling the measurement of flow in tubing for the detection of leaks or inflows.

An open flow area allowing the free movement of well fluid around the impeller together with special sealed, high-precision bearings ensure a low spinner threshold.

A range of impeller and cage sizes are available, ensuring the highest quality data can be recorded by use of the largest appropriate impeller.

Highly corrosion resistant NACE material is used for impellers to ensure long life and minimum maintenance.

PRODUCT FEATURES:

- > Range of impeller and cage sizes available.
- > High precision bearings ensure minimum threshold.
- > Simple "Plug & Play" operation.

PRODUCT APPLICATIONS:

- > Back-up flowmeter measurement in case of damage to more exposed primary flowmeter on the bottom of the toolstring
- > Detection of leaks or inflow in tubing

SPECIFICATIONS COMMON:

LENGTH	13.9" / 353mm
PRESSURE	20,000 psi
FISHING STRENGTH	13,200 lbs / 6,600 Kg
ACCURACY	< 5% error
TELEMETRY	Owen Instrumentation MPB
CURRENT	8.5 mA
DIAMETER BODY	1 11/16" / 43mm
TEMPERATURE	177 C / 350 F
CONNECTIONS	2 - 200 m/min
RESOLUTION	10 Pulses / Rev (directional)
VOLTAGE	12V
RANGE	2 - 200 m/min

SPECIFICATIONS:

	ILF-B	ILF-E
PART NUMBER	107-99002	107-99005
DIAMETER CAGE	1 11/16" / 43 mm	2 1/8" / 54 mm
WEIGHT IN AIR	5.3 lbs / 2.4Kg	5.7 in / 2.5 Kg