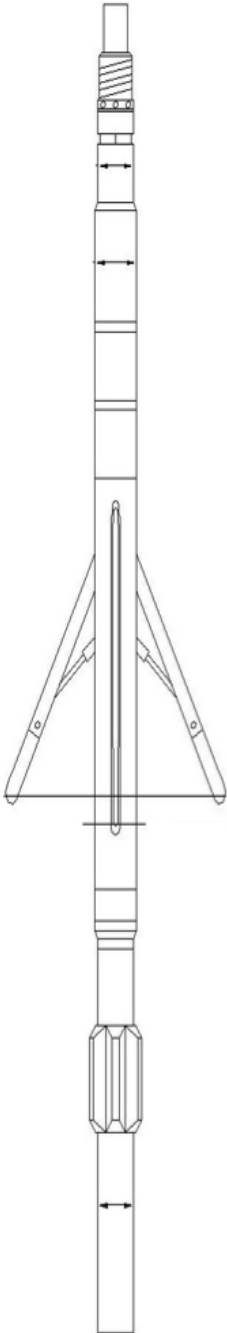


XY - 4 Arm Caliper

The GOWell XY 4 Arm Caliper measures the hole diameter simultaneously in two axis (X and Y) at the same depth.



DESCRIPTION

The four arms in the tool produce an electrical signal proportional to the radial expansion of the arms in respect to its axis, to measure the borehole diameter. The tool is combinable with other XY 4 Arm Caliper mounted with an alignment sub. This double caliper combination will allow the measuring of four independent directions in the hole.

APPLICATIONS

- Measures X and Y open hole diameters
- Allows the calculation of borehole volume
- Motorized arm opening and closing

FEATURES

- Combinable with other tools of the Gallop 12 / GallopStar platform



XY Caliper

SPECIFICATIONS

XY - 4 Arm Caliper

General Specs

Maximum Pressure	20,305 PSI (140 MPa)
Maximum Temperature	350 °F (177°C)
Diameter	4.13 in (104.9 mm)
Length	9.76 ft (2.97 m)
Weight	207 Pounds (93.9 kg)
Maximum Logging Speed	98 ft/min (29.87 m/min)

Wellbore Conditions

Borehole Fluids	Independent of the fluid type
Tool Position	Centralized

Hardware Features

Voltage	220 VAC, 50 Hz
Current	50 mA
Auxiliary Voltage	100 ± 10 VDC
Auxiliary Current	350 mA for the motor
Sampling Rate	a 10, 20, 40 samples/m selectable

Measurement

Principle	Potentiometer
Minimum	5 Inches
Maximum	25 Inches
Vertical Resolution	± 5%
Depth of Investigation	N/A
Accuracy	N/A
Primary Curves	CALS, CALX,CALY