

3 ARM CALIPER

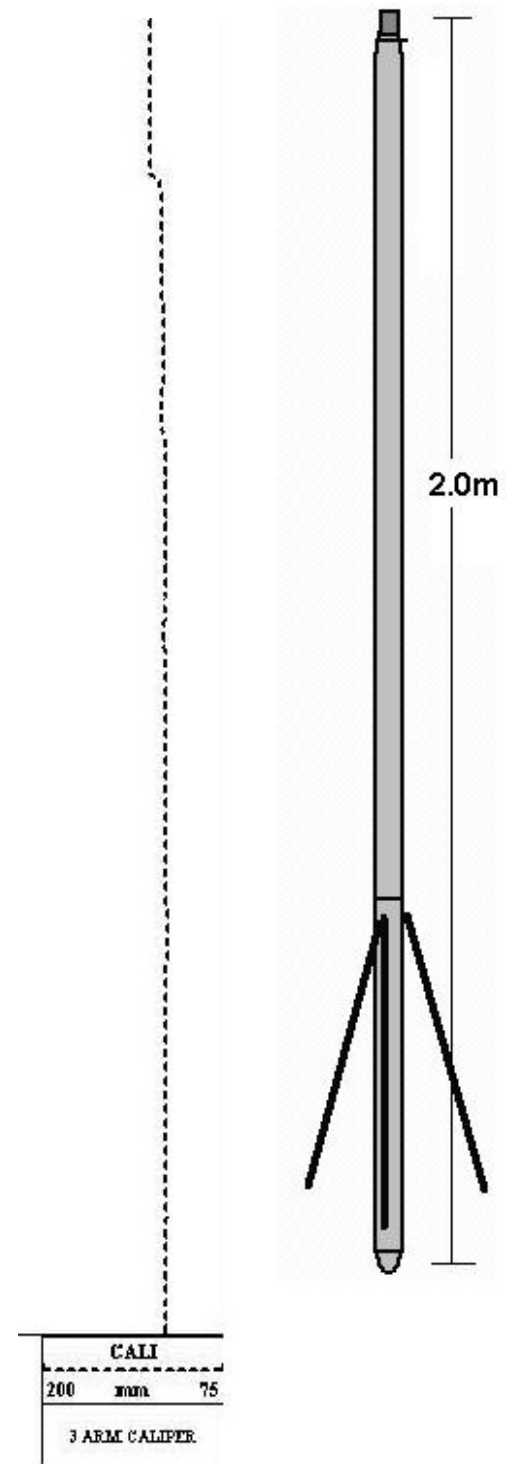
3 ARM TECHNICAL SPECIFICATIONS

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|--------------------|--------------------|
| System Requirement | GAA Logger 20 |
| Diameter | 32 mm |
| Length | 2 m |
| Weight | 15 kg |
| Max. pressure | 200 bars =2900 psi |
| Max. temp. | 70° C |
| Power supply | 35-40v |
| Caliper: range | 40 - 380 mm |
| Logging speeds | 8 m/min |

APPLICATIONS

The three arm caliper logs measure the average diameter of drilled holes by use of three arms which are mechanically linked to a precision potentiometer. Logs are presented as a single trace that displays the diameter of the well in either inches or mm.

When run with an electric or nuclear log, the caliper is very useful as an interpretive aid in substantiating the differences in log readouts that result from well diameter effects rather than from lithologic changes. Most logs that respond to lithologic changes are also affected by changes in hole diameter, so diameter is important to correct for this. Caliper calculations can be used for volume and annular computations for cementation of wells etc. Calipers can also be important for diameter reckoning for packer setting and cement baskets etc.



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