

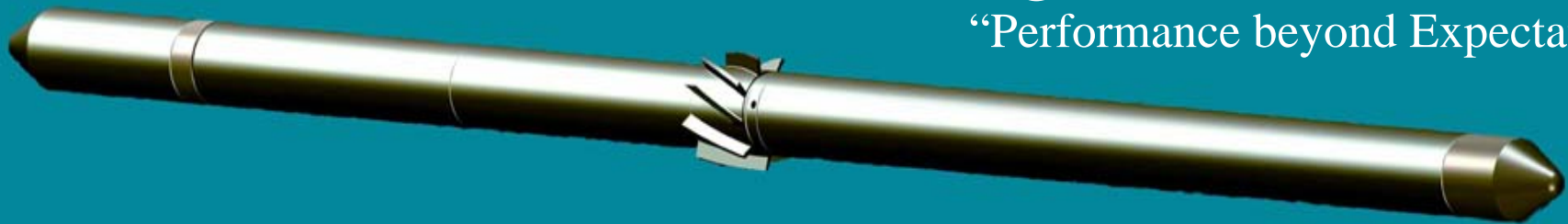
PolyComm

Down Hole Power and EM Telemetry



Down Hole Power & Drilling Instrumentation.

“Performance beyond Expectation”



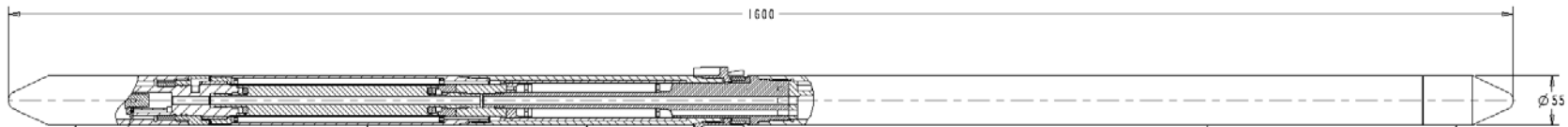
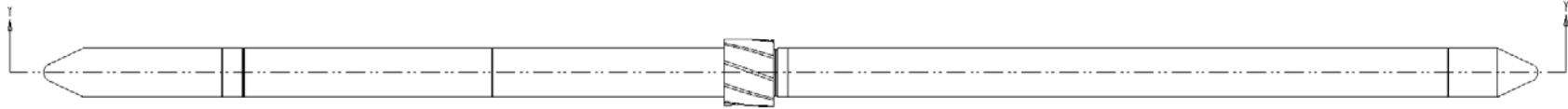
The World's first 100 Watt closed loop mud alternator.

PolyComm is proud to announce the successful development of the World's first closed loop alternator for demanding MWD/LWD applications. Designed to withstand 25,000psi and 150°C, this tool represents a quantum leap in alternator technology and is the World's first 'plug n play' mud turbine which requires no on site adjustment or calibration for 2-13/16" ID collars and flow rates up to 600GPM. Being closed loop, this tool maintains optimum performance within this flow range from only one impeller because it automatically compensates for any changes in its down hole environment, including flow rate, mud density, temperature and load. For further information please call to discuss your application or visit our web site to down load our technical data. <http://www.polycomm.uk.com>.

Tel: (044) 05603121643.

E-mail: greg.spring@polycomm.uk.com.

TOOL SPECIFICATION	
OPERATING TEMPERATURE	150°C
OPERATING PRESSURE	25000 PSI
INTERNAL COLLAR DIAMETER	3"



CUSTOMER INTERFACE
19 WAY ELECTRICAL CONNECTOR

BRAKE

ALTERNATOR
200W OPEN LOOP
100W CLOSED LOOP

IMPELLER

ELECTRONICS MODULE CONTAINING:
CLOSED LOOP ALTERNATOR POWER SUPPLY UNIT.
CUSTOMER POWER SUPPLY UNIT.

CUSTOMER INTERFACE

PARTIAL SECTION Y-Y

PROPRIETARY/CONFIDENTIAL INFORMATION. THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL TO POLYCOMM LTD. AND WILL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE EXPRESS WRITTEN CONSENT OF POLYCOMM LTD.	REVISION: N/A DATE: 23-08-96	POLYCOMM LTD UNIT 1, 10 BUCKLEUP DRIVE, BURNINGHAM, WILMINGTON, DELAWARE, USA 19801
	UNESPECIFIED NOTES: ALL DIMENSIONS ARE IN UNLESS OTHERWISE SPECIFIED. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY. DIMENSIONS IN SQUARE BRACKETS ARE FOR REFERENCE ONLY.	