



 **DOWNHOLE TOOLS**

PICO Circ Sub

The Hydropulsion Ltd patented Pico Circ Sub is the most compact flow activated circulating tool available.

The tool can be remotely cycled from flow thru to circulating mode as many times as required.

Mode selection is made simply by turning the fluid pumps off and on again. These two positions allow 100% of the pumped fluid to pass straight through the PICO Circ Sub to Jetting or Milling tools below, and also for increased flow rates from the circulating ports, thus giving higher annular velocities to assist with circulating debris or cuttings up the annulus.

TECHNICAL SPECIFICATIONS

OD (Inches)	Length (Inches)	Connection	Max. Flow Area (Inches ²)	Tensile Strength (lbs)	Part No.
1.688	9.00	1.00" AMMT	0.17	33,860	HP-PCS-168-04
2.125	9.50	1-1/2"AMMT	0.19	59,200	HP-PCS-212-03
2.875	12.00	2 3/8" PAC	0.39	142,400	HP-PCS-287-03
3.125	14.00	2-3/8" REG	0.44	260,200	HP-PCS-313-04

Improved efficiency of wellbore cleaning during jetting and milling operations, isolate Jetting Tools or Motors below from the pumped fluid.

FEATURES

Compact Design

Flow Activated, no need for drop balls or darts.

Multicycle design

BENEFITS

Suitable for use with Nitrogen, Acids & Stimulation Fluids

Quick & easily field redressed

Suitable for High Temp operations

ADDITIONAL INFORMATION

Standard Tool Sizes are shown, additional sizes available upon request

Tools are manufactured from 4140 18-22 RC as standard, other materials are available on request.

Technical specifications stated are for reference only and may be subject to change.