Hydropulsion

DOWNHOLE TOOLS

SpinCat

Innovative Tools for Wellbore Cleanouts and Optimisation

4 models available: SC-168™, SC-212™, SC-250™, SC-287™

StoneAge®

Hydropulsion

The SpinCat™ family of tools provide a durable, controlled rotation solution for well intervention operations. A viscous fluid governor controls rotation speed to maximize jet power delivered to the tubing walls. By using only a few rotating jets, each jet is bigger to convey hard-hitting power. Replaceable jets are efficient and clean recesses and irregular surfaces without damaging the well pipe. Over thirty years of waterjet engineering back the SpinCat™ design, setting the standard for rotary nozzle performance and durability.

SpinCat™ tools have a straight flow-through design with a leak-free high pressure seal, so pump power is not wasted. The tools can be used at temperatures up to 200°C, with up to 30% HCL and Nitrogen injection.

The SpinCat™ family features four models, each one specific to different coil tubing sizes. Our newest model is the SC-287SpinCat™ (See the chart below.) All SpinCat™ models are self-rotating, and easy to maintain in the field.

FEATURES AND BENEFITS

Rotating Assembly for Complete Coverage

Simple Maintenance - Field Serviceable

Durable Fluoro-Elastomer Seals

Computerized Flow Calculations

Controlled Rotation - Increases Cleaning Power

Carbide Nozzles - Deliver the Hardest Hitting,

Longest Lasting Jet Possible

TECHNICAL SPECIFICATIONS

Model	SC-168™	SC-212™	SC-250™	SC-287™
Max. Pressure (psi)	5,000	5,000	5,000	5,000
Flow Range (bpm)	0.7-1.3	0.8-2.0	1.0-3.0	1.0-3.0
Flow Rating (Cv)	2.3	4.6	7.5	7.5
Max. Diameter (in)	1.68	2.12	2.50	2.87
Overall Length (in)	9.8	12.3	16	15.6
Inlet	1" AMMT	1-1/2" AMMT	1-1/2" AMMT	2-3/8" PAC
Rotation Speed (rpm)	150-200	150-200	80-150	80-150
Weight (lb)	4.6	8.9	15.9	20
PSI Loss @ 1 bpm	330	83	31	31
Max. Temp °C	200˚C	200˚C	200˚C	200˚C
Safe Working Load (lb)	8,500 lb Tension 12,000 lb Compression	15,000 lb Tension 21,000 lb Compression	20,000 lb Tension 25,000 lb Compression	20,000 lb Tension 25,000 lb Compression

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