



Horizontal Self Cocking Jar

The Omega Horizontal Self Cocking Jar is a long stroke hydraulic jar which has the unique capability of re-setting itself in a highly deviated or horizontal wellbore.

Whereas standard hydraulic, spang or spring jars rely on gravity to re-set, the Omega Self Cocking Horizontal Jar incorporates a re-setting spring which provides sufficient re-setting force independent of deviation.

A unique feature of the Omega Self Cocking Horizontal Jar is the viscosity compensation metering system which maintains the metering time near constant regardless of the temperature (refer to graph on next page).

The pressure-balanced design offers a jar that will operate in nearly all environments without the need to change oil between runs or for differing well conditions.

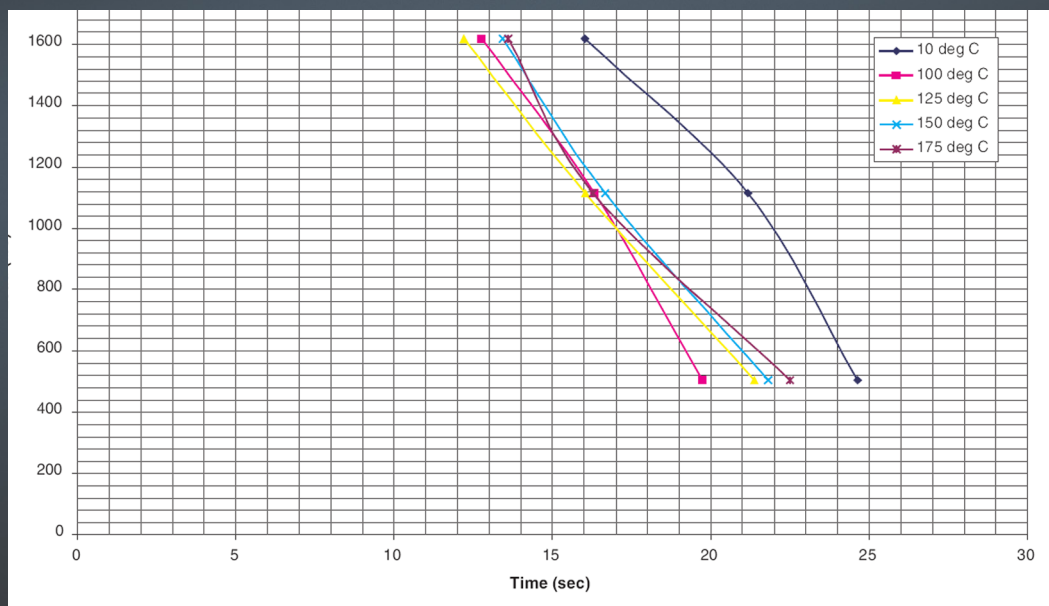
When deployed with the Omega Hi-Deviation Tubular Jar & Omega Roller Subs, the Omega Self Cocking Horizontal Jar has operated in deviations of over 90 degrees.

Technical Specifications

Horizontal Self Cocking Jar

Tool Size	2.095"	2.5"
Connections	15/16" UNS (1-1/16" UNS & Quick Connect also available)	1-1/16" UNS (Quick Connect also available)
Fishing Neck Size	1.375"	1.75"
Material	AISI 4140 30-36 Rc	AISI 4140 30-36 Rc
OD	2.095"	2.5"
Length Open	94.4"	121.7"
Stroke	15.2"	22.2"
Weight	53 lbs	92.5 lbs
Length Closed	79.2"	99.4"

* Open/Closed lengths and weight will increase slightly for Quick Connect connections. Contact your Omega representative for further information.



Features - Applications - Benefits

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Horizontal Self Cocking Jar



FEATURES

- Re-setting spring.
- Sealed hydraulic unit.
- Compensating metering system.

APPLICATIONS

- Standard and high deviation wireline intervention.
- Opening sliding side doors.
- Utilised with Omega Roller Subs.
- Wireline fishing operations.

BENEFITS

- Self cocking mechanism reduces intervention time, risks, and costs.
- Reliable firing mechanism over industry standard hydraulic Jars.
- Does not require to be `pre-set` at surface. Activated via an overpull.
- Hydraulic cartridge design eliminates `gassing up` issues commonly seen in hydro jars.