

Datasheet Well Stroker® 218 SRO 2.0 12K

The Well Stroker® resides at the core of Welltec's mechanical solution portfolio. This tool provides the actuating force required for most mechanical intervention jobs in small pipes. It can push or pull multiple times in the same run irrespective of depth or deviation, while utilizing finely tuned, surface controlled stroker and anchor functions. Depending on configuration it can supply up to 12,000 lbs of axial force downhole through the use of a bi-directional, hydraulic ram and can be equipped with the required fitting or other tools to meet the application.

Applications	Features	Benefits
• Opening / closing valves	• High, controllable force	• Force applied directly to target
• Opening / closing sliding sleeves	• Passive fail-safe system	• Fewer runs
• Retrieving / setting gas lift valves	• Multiple repeated strokes	• No jarring required
• Fishing operations	• Bi-directional in same run	• Accurate depth control
• Setting / pulling plugs	• Surface readout SRO 2.0	• Large range of ID's accessible
• Setting straddle packer assemblies	• Wide range of sizes	• Reduced risk of damage to well hardware
	• Universal through wiring	• Operates on any e-line via DC
	• NACE compliant	

Specifications*	Imperial	Metric
• Length	• 19 ft	• 5.8 m
• Running OD nominal	• 2 1/8"	• 54 mm
• Weight in air	• 158 lbs	• 72 Kg
• Completion ID	• 2.19" – 4.2"	• 55,6 mm – 106,7 mm
• Maximum well pressure	• 20,000 psi	• 1,400 bar
• Maximum well temperature**	• 302 F	• 150 °C
• Max push / pull force	• 12,000 lbs	• 5,450 Kg
• Max stroke length (repeatable)	• 8"	• 203 mm
• Stroke resolution (direct measurement)	• 0.04"	• 1 mm
• Tensile strength	• 36,000 lbs	• 16,300 Kg
• Compressive strength	• 30,000 lbs	• 13,600 Kg
• Surface read-out SRO 2.0	• Readout	• Contol
	• Head voltage	• Force incremental 1000 lbs steps
	• Stroker force	• Anchor set / release
	• Stroker position	• Direction
	• Internal temperature	
	• Internal pressure	

* Dependent upon configuration

** Optional 338 F

