



DALTEC

OIL TOOLS

ROD ROTATOR RR-01

TELESCOPIC ACTUATOR

Extend the life of
rod-pumped wells



ROD ROTATION EXTENDS THE LIFE OF ROD-PUMPED WELLS

The constant up-and-down movement of a sucker rod creates excessive friction between rods and tubing which can result in premature rod and tubing failures due to excessive wear. This common problem generally requires a costly intervention to make repairs on the well.

Continuous rod rotation is the most effective method to evenly distribute wear on rods, rod guides, couplings, and tubing.

In conjunction with rod guides, rod rotation is also the most effective means of removing paraffin build up from inside the tubing.

The new Rod Rotator RR-01 with Telescopic Actuator*, is the best solution to effectively rotate the rod string and considerably reduce costs due to premature wear failure on rods and tubing in rod pumping.

The new Telescopic Actuator*, allows an easy, safe and quick installation compared to Rod Rotators with cable actuators. This new patent pending actuator can be used in beam pumping units and others with long stroke such as Rotaflex® or hydraulic pumping units.

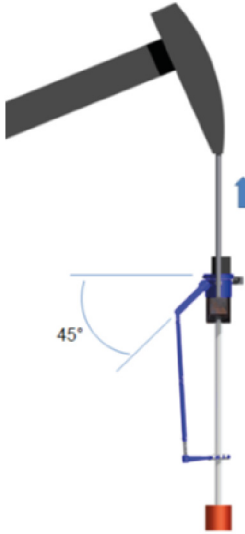
FEATURES

- Evenly distributes wear of rods, rod guides, couplings, and tubing.
- Removes paraffin buildup (use it with rod guides).
- Easy, safe and quick installation of the Telescopic Actuator. (No hand tools are needed).
- Can be installed on all type of rod pumping equipment. (beam pumping units, Rotaflex and hydraulic units).
- Lighter than conventional rotators. Total weight only 38.5 lbs.
- Reliable actuator, nearly no maintenance costs compared to cable actuator.

ROD ROTATOR RR-01	
Max Recommended Load	44,000 lbs
Torque output	240 lb-ft
Polished Rod Size	1-1/8" to 1-3/4"
Shipping Weight	38.5 lbs
Height	5-1/2"
Rotation type	Helical worm gear
Actuator type	Telescopic Actuator Drive (patent pending)

OPERATION

In the lower dead center the Telescopic Actuator* rests on the stuffing box, moving up the rotator lever that activates the rod rotation mechanism.



45°



0°

TELESCOPIC ACTUATOR

ROD ROTATOR RR-01



*PATENT PENDING



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