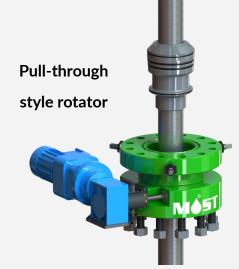


## **Surface Tubing Rotator**

The **SURFACE TUBING ROTATOR** reduces production costs, extending the life of the production tubing by allowing the entire inside circumference to wear evenly. The rotator becomes part of the well head assembly as it sits between the well head and blow out preventer. The rotator is designed to work with both rod pumping systems and progressing cavity pumping systems.

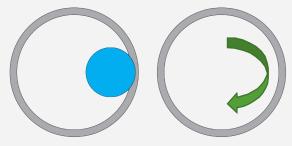
- Designed and tested to API 6A specifications.
- Patented technology.
- The worm gear and rotor are completely sealed to prevent clogging and extend service life.
- Nitride parts to prevent galling.
- Shear collar prevents over-torquing on the tubing.
- Easy to install.
- Rotation rate: about 1.5 revolutions per day with an electric motor.







## Distributes wear around the tubing:



Using a tubing rotator can extend the tubing life by 300+%, leading to significant savings

<sup>1</sup> Bearing load capacity of 128,000lbs static (<4 Revolutions Per Day (RPD) is considered static).

SI ECHICATIONS			
Surface Rotator Size	7-1/16"	9"	11"
Through Bore (in)	6-1/2"	8-1/4"	
Top and Bottom Connection	Studded bottom, Flange top up to 3,000PSI. Studded top and bottom for 5,000PSI		
Pressure rating	2,000PSI 3,000PSI 5,000PSI		
Tubing Hanger Connection	2-3/8" EUE 2-7/8" EUE 3-1/2" EUE 4-1/2" EUE		
Temperature Rating	API 6A Class L		
Thrust Bearing Load Capacity <sup>1</sup>	128,000lbs		
Drive System	Manual Drive Pump Jack Lever Drive Single Phase Electric Motor Drive Three Phase Electric Motor Drive		
Overload Protection	Shear Coupling device rated for up to 2,400ft-lbs rotational torque		