

Increase annular velocities and clean hole more effectively

GovernRTM

Adjustable smart annular velocity sub differentially activated close rates customized for specific clients needs

Adjustable open and

Differentially activated requiring no intervention

Large flow ports below jets to prevent motor stalls in high flow rate situations

Three carbide jets allow for 7bpm of rate without the risk of washout

Flow from AV ports and below tool simultaneously increase AV's and aid in hole cleaning

GovernR US Patent #11,530,583

뙨 About This Product

The WOS GovernR is a smart AV sub that increases velocities while allowing for generous flow below the smart sub making it the perfect downhole device for assisting in hole cleaning. Whether limited by a downhole motor or an extended reach tool the ability to bypass some of the fluid above these tools through a sub that allows for increased pump rates and thus an increase in annular velocities is a crucial aspect of removing debris from the wellbore. The smart sub not only opens and closes via differential pressure but can be adjusted to the needs of the operator.

Benefits

- Does not starve motor which can lead to premature motor failure
- Avoids the need to drop a ball during operations keeping flow paths open
- Carbide jets allow for max rate without the risk of washing out for better hole cleaning
- Allows for additional annular velocities with rate limited tools below the GovernR
- Easily configurable to client specified needs for optimal hole cleaning

Compatible with recirculated fluids eliminating the need for fresh water



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Product Details

Tool Size, in	3-1⁄8″
Makeup length, in	21.36"
Port Quantity	3
Max Rate, bpm	7
Activation Pump Rate, bpm	Variable
Weight, lbs	33.16
Makeup Torque, ft-lbs	3,100
Max overpull	225,000
Connections	2-¾" REG BxP



Carbide insert jets reduce the risk of washout during high rate and longer downhole applications

🗅 Features

- Can be ran with standard completion fluids and / or nitrogen
- Setup to open and close at predetermined pressures
- Generous flow ports to prevent motor stalls in high flow rate situations
- Internally dampened to allow for use with Extended Reach Tools such as the WOS EaZyDrill or specialty milling tools such as the WOS HammRDrill.
- The compact design minimizes additional length and rigidity added to the BHA as compared to similar tools

\oplus Accessories

- WOS PowR Motors
- WOS High Flow Check Valves
- WOS AV Sub
- WOS Flex Sub
- WOS PulverizR Bits
- BitSavR

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 \star MADE IN THE U.S.A. \star