

# Hydraulic Adjustable STABILIZER

Inclination control is the main reason for directional correction in deviated wells and selection of the bottom hole assembly stabilization is critical. With a rotary assembly the wrong initial selection will result in a round trip and, even with motor based assembly, the amount of oriented drilling will increase significantly; thereby reducing ROP.

A simple mechanical activation, positive hydraulic lock and surface pressure indication ensure simple operation and proven reliability.

### **Andergauge Features**

- Robust engineering providing solid reliability
- 1/2", 3/4" and 1" gauge change
- Comprehensive database to assist BHA selection
- Positive locking mechanism maintains set selection
- Mechanical activation ensures positive gauge selection
- Clear surface pressure indication of reliable downhole setting
- Rotary correction trends reduce doglegs and reduce torque and drag
- Optimized steerable assembly rotary efficiency
- Continuous rotation improves hole cleaning and cutting bed disturbance

### **Andergauge Application**

- Rotary String for tangent and horizontal sections
- Rotary Near bit for tangent / "S" profiles
- Rotary Near bit for more aggressive horizontal response
- Above motor placement for tangent / "S" profiles and horizontal sections
- Below motor placement for horizontal sections



# DIRECTIONAL DRILLING SERVICES

## Hydraulic Adjustable Stabilizers Brochures

### Specification

Hole Size	6"	6 3/8"	7 7/8"	8 1/2"	9 7/8"	10 5/8"	12 1/4"	14 3/4"	16"	17 1/4"	17 1/2"
Min. Setting	5 5/8"	6"	7 3/4"	7 3/4"	9 1/8"	9 7/8"	11 1/2"	13 3/4"	15 1/4"	15 7/8"	16 3/4"
Max. Setting	6"	6 3/8"	7 7/8"	8 1/2"	9 7/8"	10 5/8"	12 1/4"	14 3/4"	16"	17 1/4"	17 1/2"
Overall Length	87"	87"	104"	119"	108"	108"	117"	139"	151"	156"	151"
ID	1 1/4"	1 1/4"	1 3/4"	1 1/2"	1 5/8"	1 5/8"	2"	2.5"	3"	3"	3"
Weight (lbs.)	670	670	925	1000	1100	1100	1925	2850	3750	4000	3750
Flow Range (gpm)	120/350	120/350	250/550	300/800	350/800	350/800	500/1200	750/1300	700/1500	700/1500	700/1500
Fishing Neck dia	4 3/4"	4 3/4"	6 3/4"	6 3/4"	7 1/2"	8"	8 1/4"	9 5/8"	9 1/2"	9 1/2"	9 1/2"
Operating Temperature	Standard 310°F / Max 400°F										
Signal (psi)	150 – 250 psi Recommended										
Blade Cover	360°C Right Hand Spiral										
Blade Dressing	Brick Pattern Tungsten Inserts										
Blade Length	15"	15"	16"	20"	17"	17"	20"	27"	32"	34"	32"
Number of Pistons	15	15	15	15	15	15	18	18	18	18	18
Standard Connections	3 1/2" IF	3 1/2" IF	4 1/2" IF	4 1/2" IF	5 1/2" Reg	6 5/8" Reg	6 5/8" Reg	7 5/8" Reg	7 5/8" Reg	7 5/8" Reg	7 5/8" Reg