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BEAR

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The Bear-2276 combines the high capacity of Kayden's Mammoth-2276 with a new Patent Pending internal design. This design creates a proper mixture of centrifuged barite and polished fluid that is then introduced back to the active system. This design creates a solution to the costly problems associated with poor barite mixing and recovery.

THIS PROPERLY MIXED FLUID RESULTS IN THE FOLLOWING BENEFITS:

- Reduces the likelihood of spills in high flow rate applications, allowing the centrifuge to process more fluid. This higher processing rate, results in better recovery
- Higher throughput results in increased LGS removal, and ensures the client benefits from a cleaner drilling fluid system
- Decreases costly tank cleaning and maintenance by reducing the amount of barite that settles in the bottom and corners of tanks, by creating a more properly mixed combination of both polished fluid and barite
- Reduction of new barite having to be added to the system resulting in substantial cost savings

TURN OVER FOR TECHNICAL SPECIFICATIONS BEAR-2276



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TECHNICAL SPECIFICATIONS BEAR-2276

Bowl Dimensions	Imperial - 22" x 76" Metric - 560mm x 1939mm
Skid Dimensions	Imperial - 150" x 84" x 60" Metric - 3.8m x 2.1m x 1.5m
Main Drive	100HP - Variable Speed
Operating RPM	800-2500 rpm - Variable Speed Max 3100
Capacity	Water (Hydraulic) - 660 GPM 2500L/min 150m ³ /hr Unweighted Mud (1100kg/m ³ 9PPG) = 528 GPM or 2000 L/min or 120m ³ /hr <small>(Pump Rate will decrease as mud weight/viscosity increases.)</small>
Nominal G-Force	1312g at 2100 rpm
Nominal Cut-Point	2-10 Micron (Based on Drilling Fluid Rheology)
Nominal Retention Time	5 seconds
Feed Tube I.D.	2.5"
Feed Pump	4" x 3" Mission Magnum c/w Mechanical Seal Gorman-Rupp's Optional
Conveyor	Single Lead, Variable Pitch with Tungsten Carbide Hard-Faced Protection
Gearbox	96:1 (175,000 in/lb) 20 kNm
Beach	7 Degree: 32.5" Length
Weight	16,000 lb (7250 kg)
Electrical Requirements	480v 3 Phase: 1-100 amp 3W4P Plug

