

SHAKER

The Wenzel Downhole Tools SHAKER generates vibrations to reduce friction between the drill string and the formation. These vibrations will reduce drag when in sliding mode and reduce torque during rotary drilling operation.

For maximum effectiveness the SHAKER should be positioned in the drill string near the region where the high friction values are expected.

Features and Benefits

- ▶ Increases ROP in sliding mode.
- ▶ Provides consistent WOB to help maintain tool face orientation.
- ▶ Activated by drilling fluid flow.
- ▶ Low pressure drop permits use of multiple SHAKERS in drill string.
- ▶ A wireline removable plug provides full 2.25" thru-bore, allowing wireline operations below tool. The plug has a common 1.375" external fishing neck.
- ▶ Parts are produced from high grade materials for long life.



SHAKER Specifications

IMPERIAL								
Nominal OD (inch)	Length (feet)	Thru Bore (inch)	Tensile Yield (lbs)	Torsional Limit (ft·lbs)	Flow Range (US GPM)	Pressure Drop (PSI)	Vibration Frequency (Hz)	Weight (lbs)
4 3/4	6.1	2.25	749 000	31 000	200 – 350	50 – 125	30 – 42	300
6 1/2	4.8	2.25	1 000 000	51 000	400 – 600	100 – 200	30 – 42	350

METRIC								
Nominal OD (mm)	Length (m)	Thru Bore (mm)	Tensile Yield (daN)	Torsional Limit (N·m)	Flow Range (LPM)	Pressure Drop (kPa)	Vibration Frequency (Hz)	Weight (kg)
121	1.9	57	333 000	42 000	757 – 1325	345 – 860	30 – 42	140
165	1.5	57	445 000	69 000	1510 – 2270	690 – 1380	30 – 42	160

Specifications are based on as new condition and are subject to change without notice.

