

BW-160

Single-cylinder double-acting reciprocating mud pump

The BW-160 is a horizontal, single-cylinder, double-acting reciprocating piston pump that delivers drilling fluid for geotechnical drilling and small water-supply work, circulating fluid to carry cuttings, cool and lubricate the bit and stabilise the hole.

Specifications

FLUID PERFORMANCE	
Theoretical flow	**160 L/min**
Rated pressure	**1.3 MPa**
Bore / stroke	**95 / 85 mm**
Stroke rate	**165 strokes/min**
DRIVE & PORTS	
Drive shaft speed	**951 rpm**
Volumetric efficiency	**88%**
Power	**R180 diesel or 5.5 kW motor**
Suction / discharge	**50 / 32 mm**
DIMENSIONS & WEIGHT	
Dimensions	**1,110 × 725 × 965 mm**
Total weight	**125 kg / 276 lbs (without power)**

Key features

- **Double-acting piston.** Even flow with low pressure fluctuation.
- **High breakdown.** Easy to carry into mountain sites.
- **Simple maintenance.** Fewer parts, field-serviceable.

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Specifications are for guidance and may change with product improvement; confirmed values follow the formal quotation.