

Floating Cushion Sub

MODEL
306130



Construction

Mining

Oil & Gas

Waterwell

DRILL PRODUCTS



**A key component to
protecting your investment and
improving on your production time**

Function

The floating cushion sub performs two important functions; it provides a means of making up and breaking out threaded connections on casing and drill pipe and it also prolongs bearing and gear life in the top drive rotary box.

Operation

By incorporating a certain amount of axial movement below the drill's rotary drive spindle, the sliding spindle of the cushion sub will allow the threads of the mating drill string components to float together or apart during rotation without any axial movement of the rotary head.

Performance

The allowable movement of the sliding spindle decreases the impact on the rotary drive when the two mating threads are stabbed together and it also decreases the load on the flanks of the threads of the mating components.

Application

The Model 306130 is utilized in both slant hole and vertical drilling operations where the rig is equipped with a top drive rotary gear box.

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**MODEL
306130**

INCREASE PRODUCTION — REDUCE MAINTENANCE



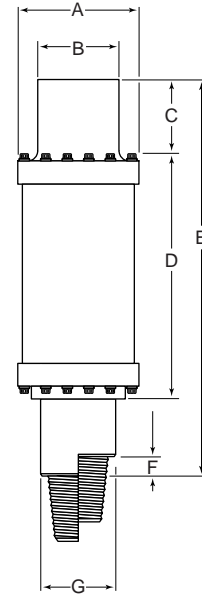
Specifications

Hoist	200,000 lbs.
Pulldown	200,000 lbs.
Torque	20,000 ft. lbs.
Stroke	2.50 inch
Weight	195 lbs.

Dimensions

A	10.00
B (max.)	6.75
C	6.25
D	14.50
E	32.00
F (ext.)	2.50
G (max.)	5.87

Dimensions shown in inches



Features

- Splined drive assembly
- Floating spindle
- Upper and lower cushions
- Accessible lubrication fitting
- Protective surfaces on wear parts
- Standard seals and guide rings

Benefits

- Direct torque transfer
- Reduction in thread damage
- Shock and vibration is minimized
- Component life is extended
- Minimum maintenance requirements

Ordering Information

- Drill make and model
- Thread type and size
- Spindle and pipe diameter
- Breakout flat details



Foremost Industries Inc. *designs, manufactures and markets all-terrain wheeled and tracked vehicles, drilling rigs, mining tooling and reverse circulation systems for the construction, geophysical, mineral exploration and waterwell industries.*

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