

Floating Cushion Sub

MODEL
359150

Oil & Gas

DRILL PRODUCTS

Increase
production
time



Improve
your
investment

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

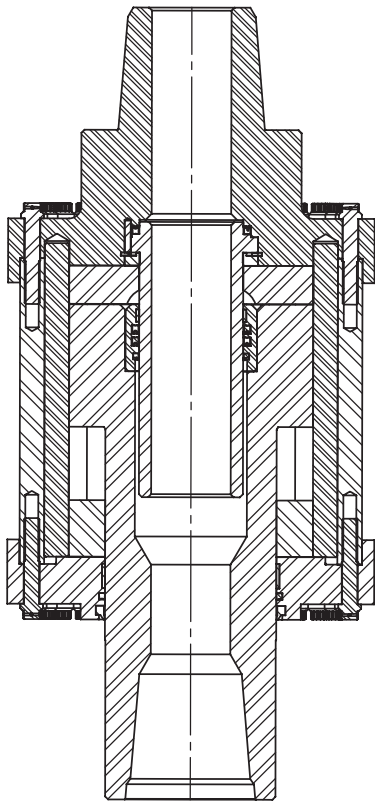
The Model 359150 is utilized in both slant hole and vertical drilling operations where the rig is equipped with a top drive rotary gear box.

FOREMOST

Floating Cushion Sub

**MODEL
359150**

INCREASE PRODUCTION — REDUCE MAINTENANCE



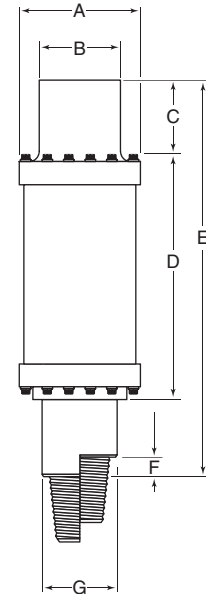
Specifications

Hoist	300,000 lbs.
Pulldown	300,000 lbs.
Torque	25,000 ft. lbs.
Stroke	3.00 inch
Weight	850 lbs.

Dimensions

A	15.00
B (max.)	9.75
C	8.00
D	17.00
E	31.00
F (ext.)	3.00
G (max.)	7.00

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

Ordering Information

- Drill make and model
- Thread type and size
- Spindle and pipe diameter
- Breakout flat details
- Thread configuration (Pin x Box)

Benefits

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



Foremost Industries LP *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.*

Foremost Industries LP

1225 - 64th Avenue NE, Calgary, Alberta, Canada T2E 8P9
 Tel: 403-295-5800 • Fax: 403-295-5810 • E-mail: sales@foremost.ca
1-800-661-9190 Canada/U.S.A. • www.foremost.ca

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