

FREE ROTATING GUIDE SHOE



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GUIDE SHOE

APPLICATION

Free rotating guide shoe is installed at the bottom of the casing/liner to guide the completion assembly through the wellbore and to protect the assembly during RIH.

- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- Cleanout is carried out through the circulation ports of the shoe.
- Rotating shoe nose.
- All internal components and the guide nose are PDC drillable.

SUPPLY PACKAGE

- Free Rotating Guide Shoe.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE				
Liner size, in	4.000	4.500	5.000	5.500	5.750
Max OD, in	4.331	5.000	5.563	6.063	6.535
Central circulation port ID, in	1.575	1.575	7,977	132.2	2.559
Side ports ID, in	0.472	0.472	0.551	0.590	0.590
Eccentric nose angle, deg.	30				
Min ID after milling, in	3.465	3.898	4.409	4.842	5.079
Max flow rate, liter/sec (gal/min)	12 (190)	14 (222)	15 (238)	16 (254)	18 (285)
Material*	P-110				
Max working temperature, °F	302				
Length, ft	0.7	0.7	0.9	0.8	0.9
Tensile, kip	157	202	214	292	314
Compression, kip	110	142	146	205	220

* Other options are available as per Customer request.