



Specifications

Cleaner string size, inch [mm]	17.45 [443.2]
BOP size, inch [mm]	18.75 [476.3]
Recommended pump rate 6,500 lpm	6,500
Min. recommended pump rate, lpm	3,500
Material (main body)	AISI 4145M
Max working temp, degC [degF]	150 [302]
Max. OD, inch [mm]	17.45 [443.2]
Drift ID, inch [mm]	2.637 [67]
Tool joint OD, inch [mm]	7.252 [184.2]
Connections	5 1/2" FH b/p or VX-57 b/p

Tornar Subsea BOP Cleaner

Clean and solids-free BOP and riser

The Tornar® Sub Sea BOP Cleaner removes wellbore debris from blow out preventer and marine riser cavities safely, rapidly and reliably.

Tornar® flow ports create a high-velocity fluid vortex, which combines with powerful proprietary magnets to extract debris — while maintaining full well control

The Tornar® Sub Sea BOP Cleaner ensures the maximum extraction of harmful debris from BOP cavities and marine risers—without harming the BOP.

The Tornar® Sub Sea BOP Cleaner can be configured to suit operational requirements, for example by adjusting the ratio of flow ports to magnets, in order to maximize debris retrieval.

Application

- removes wellbore debris from blow out preventer and marine riser

Features

- Tornar® technology creates powerful vortex suction effect
- 3-stage circulation ports enable full well control
- Tornar® Extreme magnets ensure maximum metallic debris extraction
- Easily configured to suit BOP and riser requirements
- One piece mandrels
- Non-rotating stabilizer and magnet.
- Built-in junk basket; spring-loaded self-adjusting dual brush
- Optional fishing magnet can be fitted to bottom of string

Benefits

- Rapid and effective single-trip BOP and riser cleaning
- Reduced BOP maintenance and nonproductive time
- Higher success rate and efficiency of BOP
- Allows short tripping with wellbore clean-up string
- Cleans even deep cavities



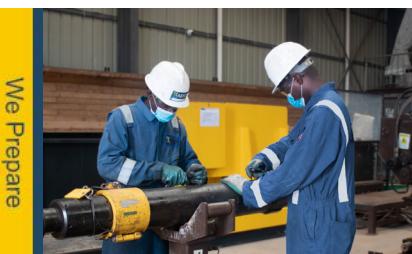
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