

High-sulfur-resistant BOP Stack

Product Applicability: For well control operations under high-sulfur conditions, the BOP stack has a corrosion resistance meeting the requirements for resistance to high hydrogen sulfide, and is suitable for occasions with hydrogen sulfide content $\geq 35\%$, equivalent to the HH level hydrogen sulfide in API 6A.



Product Features

- Suitable for environments with high sulfur content, such as land and offshore platforms, which have special requirements for the anti-sulfur performance of the BOP stack.
- The inner cavity of the equipment that contacts the well fluid is welded with high sulfur resistance alloys.
- Key non-metallic sealing components, such as the rubber core and side door seal, that come into contact with well fluids are made of special materials suitable for high sulfur content environments.
- Inconel is done by using imported equipment and assisted by sophisticated testing and monitoring methods to ensure product quality.

$\geq 35\%$

Suitable for occasions with hydrogen sulfide content

138MPa

Rated working pressure: ram preventer

177°C

Highest temperature level

High - sulfur oil and gas fields in Southwest China, and Kazakhstan

Technical Parameters

Nominal diameter 179.4-679.45mm (7 1/16"-26 3/4")

Rated working pressure 13.8-138Mpa (2000-20000psi)

Rated working pressure of hydraulic control system 20.7Mpa (3000psi)

Recommended operating pressure 10.35Mpa (1500psi)

Temperature Ratings for Metallic Materials Ram BOP Highest T-20/350
Annular BOP Highest T-20/250

Temperature Ratings for Non-Metallic Sealing Materials Ram BOP Highest BFF
Annular BOP Highest BBD

Sulfur resistance Level Applicable H₂S Content: $\geq 35\%$ (API 6A HH level)

Performance level PR2