

Bonnet Assembly for BroadShear Rams

Shearing bonnet for use with TL and EVO BOPs

APPLICATIONS

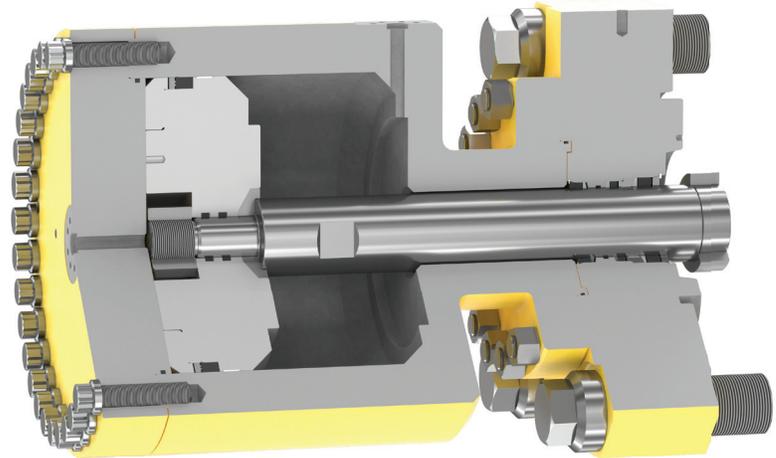
Offshore drilling operations

BENEFITS

- Achieves maximum shearing capacity when used with the SPRA* subsea pressure reduction assembly
- Improves reliability by eliminating attachment pin joining ram block to connecting rod

FEATURES

- 4,000,000-lbf [17,792,886-N] shearing capability when used with the SPRA assembly
- 3,000,000-lbf [13,344,665-N] closing force when not used with the SPRA assembly
- Retraction with higher opening pressure (1,500 psi) over previous casing shear rams
- Compatibility with TL* offshore ram-type BOP or EVO* compact, offshore ram-type BOP



The BroadShear ram bonnet assembly is designed for use with TL and EVO BOPs and can be used to upgrade existing BOPs.

The bonnet assembly for BroadShear* off-center tool joint shear rams is designed for TL and EVO BOPs and provides the most robust bonnet assembly for use with casing shear rams. The piston size is comparable to that of the SuperShear* casing shear rams, but this piston is designed to work at a higher closing pressure to shear high-strength tubulars and a higher opening pressure for trouble-free ram cycling.

Enhanced shearing certainty

Threaded connecting rod button and enhanced rod-to-piston connections yield a bonnet design capable of higher pressures on both the close and open sides. The bonnet is designed to be used with the BroadShear rams for unsurpassed shearing ability and proven reliability.

Sized for existing BOPs

Existing BOPs can be upgraded with the new bonnets for BroadShear rams. For a 5,000-psi maximum closing pressure application, the bonnets can be swapped with existing bonnets for SuperShear casing shear rams. When used with the SPRA assembly, in which an effective 6,500 psi is applied to the closing side, the BOP body will require sleeves at the bonnet bolts.