

Maximum Shear Boosters

AXON Maximum Shear Boosters provide 35% more shearing force than large bore bonnets with standard boosters, reducing the pressure required for shearing operations. The two-piece operating piston with high strength alloy shaft allows for greater load transfer from booster to ram connection. Also, the improved piston to ram connection allows for greater booster loads to be transferred to the shearing rams. Our Maximum Shear Boosters can be adapted to existing large bore bonnets without modifications.

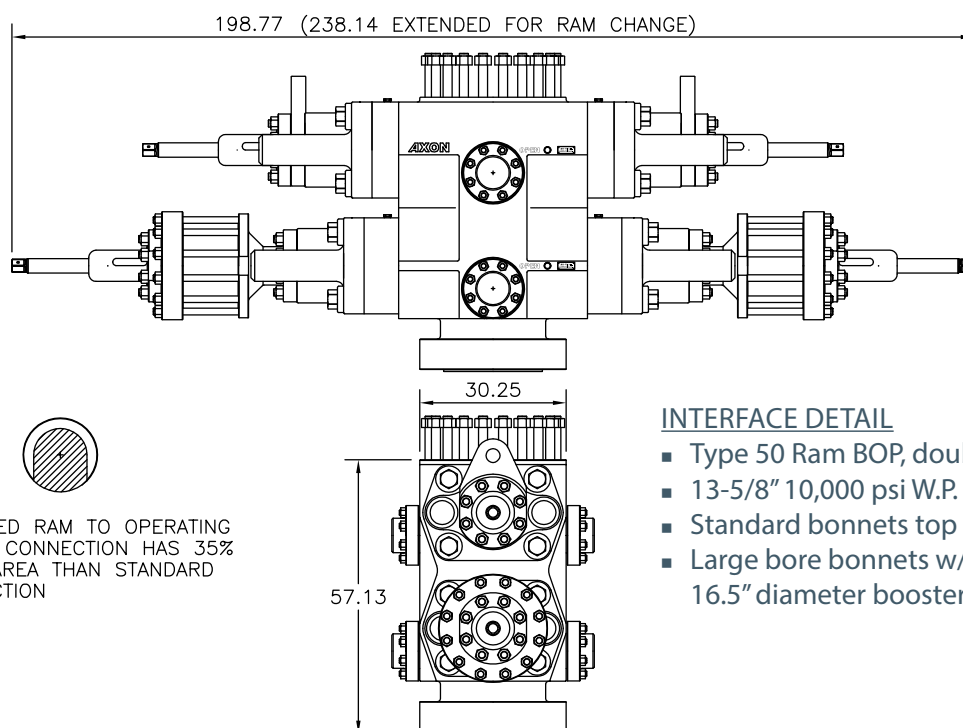


SPECIFICATIONS

13-5/8" 10K Maximum Shear Boosters: Operating Pressures Required to Shear Drill Pipe with ISR Rams

Size	Standard Boosters	Maximum Shear Boosters
5" 19.5 lb/ft S-135	2,233 psi at 0 wellbore 2,813 psi at 10k wellbore	1,458 psi at 0 wellbore 1,837 psi at 10k wellbore
5-1/2" 24.7 lb/ft S-135	2,828 psi at 0 wellbore 3,409 psi at 10k wellbore	1,847 psi at 0 wellbore 2,266 psi at 10k wellbore
5-7/8" 26.3 lb/ft S-135	3,011 psi at 0 wellbore 3,592 psi at 10k wellbore	1,967 psi at 0 wellbore 2,346 psi at 10k wellbore

Assembly Drawing: AXON Type 50 Ram BOP w/ 13-5/8" 10K Maximum Shear Boosters



INTERFACE DETAIL

- Type 50 Ram BOP, double
- 13-5/8" 10,000 psi W.P.
- Standard bonnets top cavity
- Large bore bonnets w/ maximum shear
16.5" diameter boosters lower cavity