

SAR™ System



Safeguard Your Crew and Your Equipment

Designed specifically for our Model 6012 Ram Blowout Preventer, the SAR System is a versatile and dependable solution. When needed, it can center and completely shear through casing to prevent a blowout. When it counts, this ram system will get the job done.

Versatile, dependable design so you can trust your BOP to operate independent of working conditions

- Self-centering design alleviates concern of off-center drill pipe and allows rams to cut through pipe and casing regardless of position in wellbore
- Sweeps 100% of BOP through bore
- Impedes flow and clears bore, allowing upper blind ram to close and seal
- Field-tested, proven design

Optimized design for increased efficiency

- Patented SAR blade technology with about 35% reduction of force required to shear pipe than required with standard Shear Blind Rams (SBRs)
- Multiple shearing operations can be completed with minimum effect on shearing performance



Specifications

- System consists of closing booster, ram and bonnet
- Robust bonnet design operates with hydraulic pressure up to 5,000 psi
- Shears up to 11¾" diameter casing in 13½" bore BOP

- Supplies 1.01 million lb of shearing force at 4,500 psi hydraulic pressure
- Only requires 19.2 gallons of hydraulic reservoir to function bonnets
- Sealed hydraulic system
- Internally ported hydraulics

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