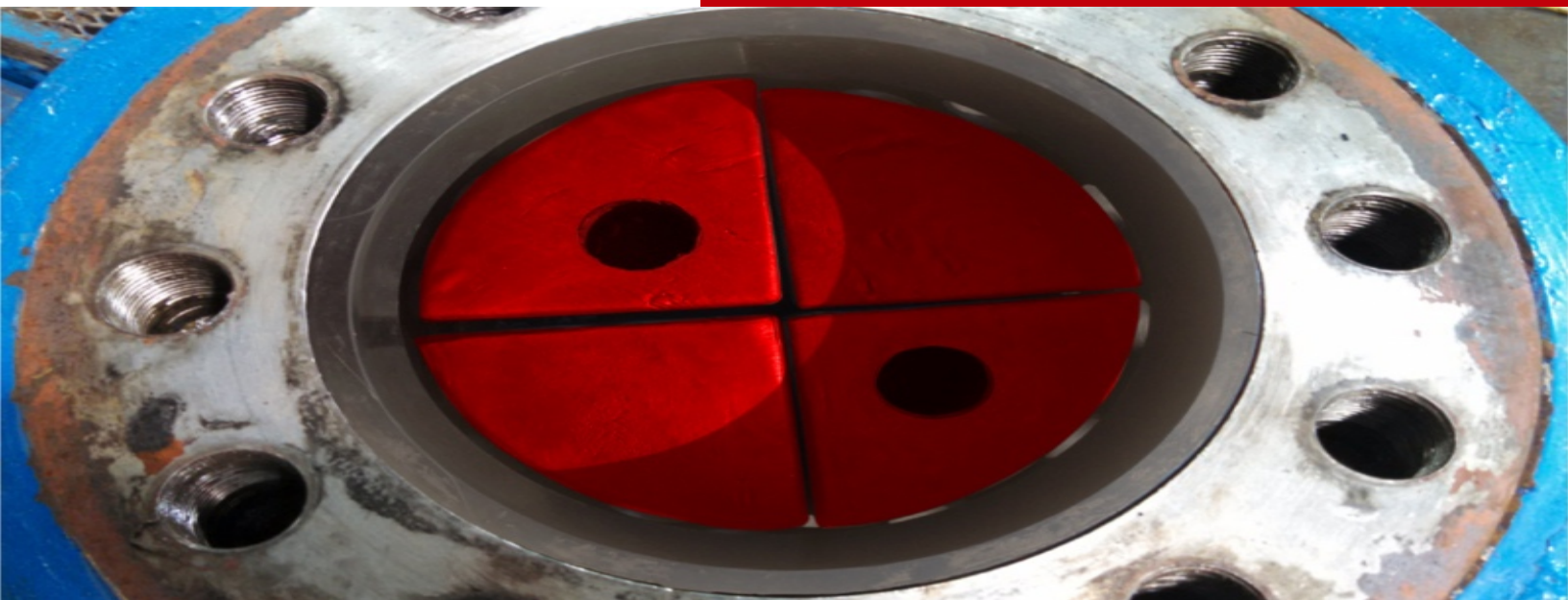


# SIGMA WILL CHANGE THE WAY YOU LOOK AT PULSATION CONTROL FOR YOUR PUMP

The CFC Kit is proven acceptable for all known drilling fluids, from invert applications to water based muds. It will last in extreme conditions for extended lengths of time, with replacement only needed every 12 to 18 months after installation.



## CHARGE FREE CONVERSION KIT®

# SIGMA

DRILLING TECHNOLOGIES



## FIT IT AND FORGET IT

Convert your gas charged dampener into a maintenance free unit. This exciting system will give you all the benefits of both pulsation solutions. Introducing the CFC Kit by Sigma Drilling Technologies ... it is simply the most exciting thing to happen to the pulsation control industry!

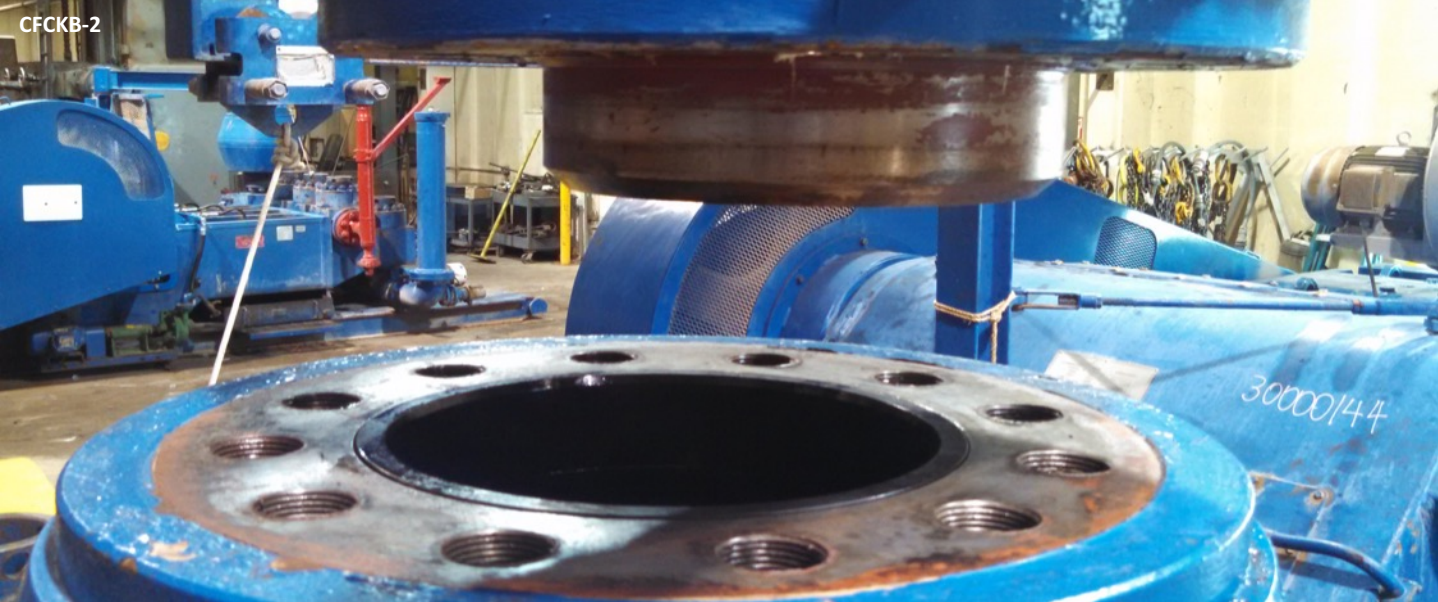
- ✓ No More Expensive Bladder Failures
- ✓ Reduces Maintenance Costs
- ✓ Zero Regular Maintenance Required
- ✓ Saves You Time, Hassle, and Money
- ✓ Safer Operations with No Nitrogen
- ✓ Eliminates Guesswork on Pre-Charge

☎ 281-656-9298

📍 1004 Avenue A, Katy, TX 77493

[WWW.SIGMADRILLINGTECH.COM](http://WWW.SIGMADRILLINGTECH.COM)





Sigma's CFC Kit solves the operational problems common to gas filled bladders. The Sigma CFC Kit does not use a bladder or gases. Rather, it utilizes a molded basket that contains a layered system of compression discs, each of which are comprised of four wedges.

The discs are specially molded to compress in a preset pressure range. The pumping fluid enters the basket and incases and interweaves through the network of compression discs. The operating pressure of the system is uniformly applied across the entire surface of the disc, causing the discs to compress under pressure load. The compression of the discs provides an attenuation of system induced pressure spikes.

## WHAT EXACTLY IS THE SIGMA CFC KIT?

The compression discs are molded in several different pressure ranges. The basket contains a mix of layered discs, providing dampening capability across a wide range of operating pressures. Sigma can custom tune a dampener device by providing a mix of pressure discs tailored to your needs.

The CFC Kit provides effective dampening across a range of pressures and operates reliably by eliminating dependence on gas filled bladders.

## SIGMA CREATES A WHOLE NEW CATEGORY OF PULSATION CONTROL

The Charge Free Conversion Kit® (CFC Kit) will easily install in any industry standard 20 gallon discharge pulsation dampeners. Instead of continually changing bladders in your gas charge dampeners, convert to a maintenance free option that delivers higher performance. It's as easy as replacing your gas charged bladder in your existing equipment with our Charge Free Conversion Kit®.



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