



**CONTROL  
FLOW  
INC.**

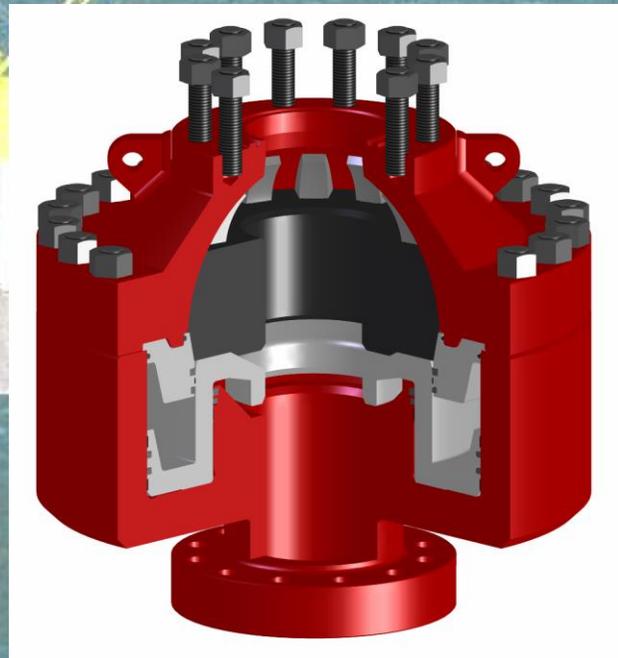


**FLOCON MO-COMP WESTECH RETSCO**

## ***Type S Annular Blowout Preventers***

### **ADVANTAGES:**

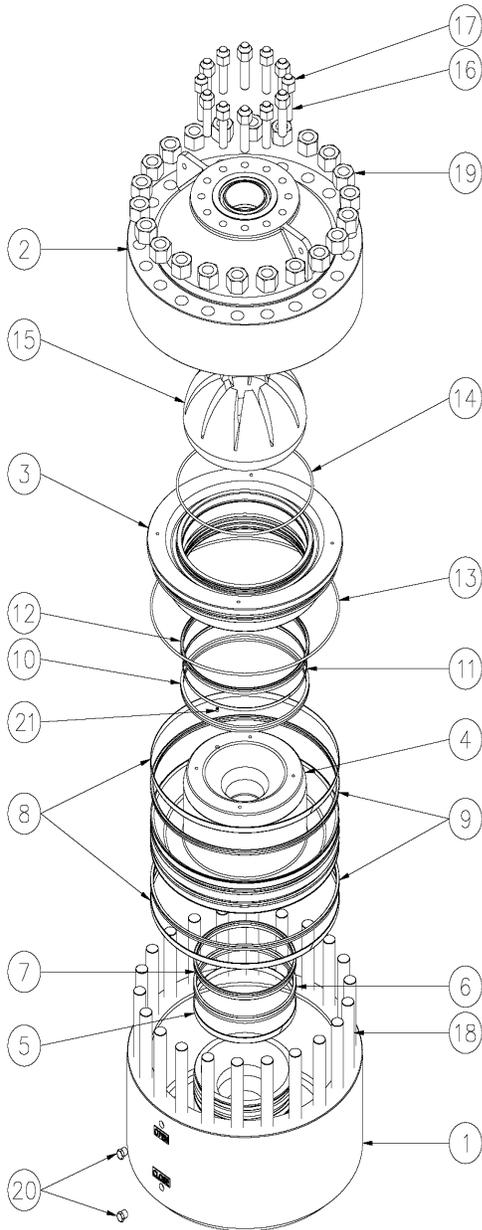
- DESIGN BASED UPON FIELD PROVEN PRODUCT IMPROVEMENTS
- MOST RELIABLE ANNULAR BOP PACKING/SEAL USED IN INDUSTRY
- GREATER CAPABILITY PERMITTING STRIPPING OF PIPE UNDER WELL PRESSURE
- ONLY TWO MOVING PARTS AND LONG PISTON STYLE
- STRONG SPACE AND WEIGHT SAVING FORGED BODY
- WEAR BANDS TO PROTECT AGAINST METAL TO METAL INTERFERENCE AND WEAR
- FEEDABLE PACKING UNIT
- PISTON CONICAL BOWL DESIGN
- PACKING FLANGE STEEL INSERTS
- PRESSURE ENERGIZED SEALS
- SEALS AND PARTS AVAILABLE WORLD WIDE



Control Flow Type S Annular BOP's with only five major components including the seal/packer unit, they are particularly qualified to meet the industry's needs for simple, reliable and proven continual use and protection. Type S packing units are manufactured from high quality rubber material reinforced with flanged steel segments. Operating at lower working pressures than other annular BOP designs the Type S seals on open hole as well as a variety of different shapes and sizes of Kelly's, tool joints, drill pipe and drill collars, casing, tubing and even wire line. This proven spherical design is available in a full range of annular sizes and pressure ratings where safe, reliable, and proven capability are required.

**Control Flow/Flocon Products**  
***Taming Drilling And Production Pressures Worldwide***

# Parts/Recommended Spares (2-Years)



| Item # | Description                            | Qty. |
|--------|--|------|
| 1      | Lower Housing                          | 1    |
| 2      | Upper Housing                          | 1    |
| 3      | Adapter Ring                           | 1    |
| 4      | Piston                                 | 1    |
| * 5    | Wear Band - Lower Housing              | 1    |
| * 6    | Lower Seal - Lower Housing             | 1    |
| * 7    | Wiper Seal - Lower Housing             | 1    |
| * 8    | Wear Band - Piston                     | 2    |
| * 9    | Seal - Piston                          | 2    |
| * 10   | Lower Seal - Adapter Ring              | 1    |
| * 11   | Wear Band - Adapter Ring               | 1    |
| * 12   | Wiper Seal - Adapter Ring              | 1    |
| * 13   | O-ring - Adapter Ring to Lower Housing | 1    |
| * 14   | O-ring - Adapter Ring to Upper Housing | 1    |
| 15     | Packing Element                        | 1    |
| 16     | Studs, Tap Ends                        | 16   |
| 17     | Nuts, Heavy Hex                        | 16   |
| 18     | Studs, Tap Ends                        | 24   |
| 19     | Nuts, Heavy Hex                        | 24   |
| 20     | Pipe Plugs - Lower Housing             | 2    |
| 21     | Pipe Plug - Piston                     | 1    |

\* Recommended spares for 2 years of BOP service.

## Sizes and Pressure Ranges

- 7-1/16" -3M/5M/10M
- 11" -3M/5M/10M
- 13-5/8" -3M/5M/10M
- 16-3/4" -5M
- 18-3/4" -10M

# **Control Flow/Flocon Products**

***Taming Drilling And Production Pressures Worldwide***

**Contact a Control Flow, Inc. sales representative for further detailed information**

Control Flow, Inc. • 9201 Fairbanks N. Houston Rd. • Houston, Texas 77064-6206 • Phone (281) 890-8300

Fax (281) 890-3947 • E-mail: [sales@controlflow.com](mailto:sales@controlflow.com) • Web: [www.controlflow.com](http://www.controlflow.com)

Copyright Control Flow, Inc. 2022