

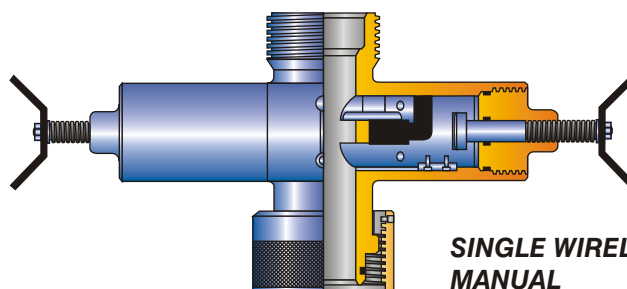


BLOWOUT PREVENTERS

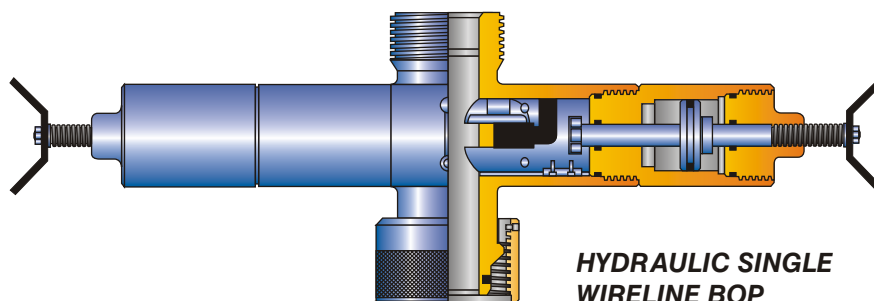
PARVEEN Blowout Preventers are designed to give positive protection against blow outs when operating with wireline in well services work, by providing a positive seal around wireline.

This BOP's are available basically in two types: Hydraulically Operated and Manually Operated, with configurations as desired. An equalizer valve allows the operator to equalize the pressure with lubricator pressure.

PARVEEN Blow Out Preventers are available in sizes ranging from 2-1/2" ID through 6-3/8" ID and 3000 PSI through 15,000 PSI working pressure. Contact factory for details on pump, fittings, hoses and other accessories.



**SINGLE WIRELINE BOP
MANUAL**



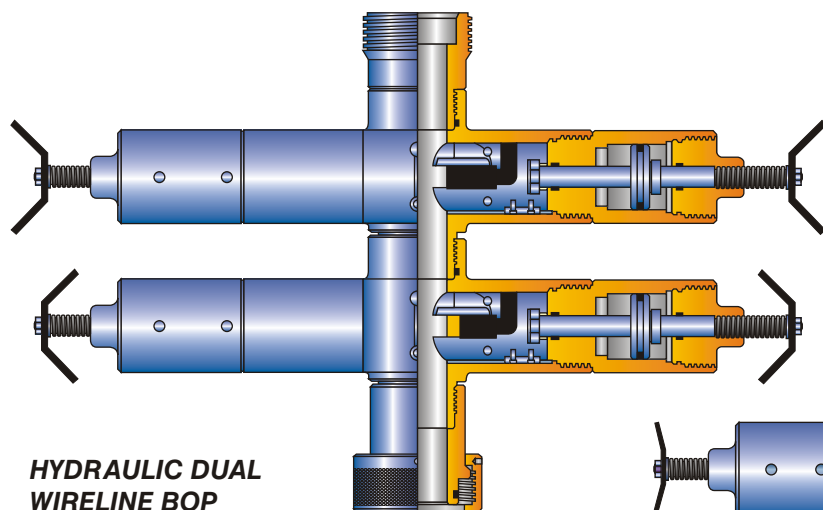
**HYDRAULIC SINGLE
WIRELINE BOP**

Engineering Data for Manual and Hydraulic Wireline Blowout Preventer

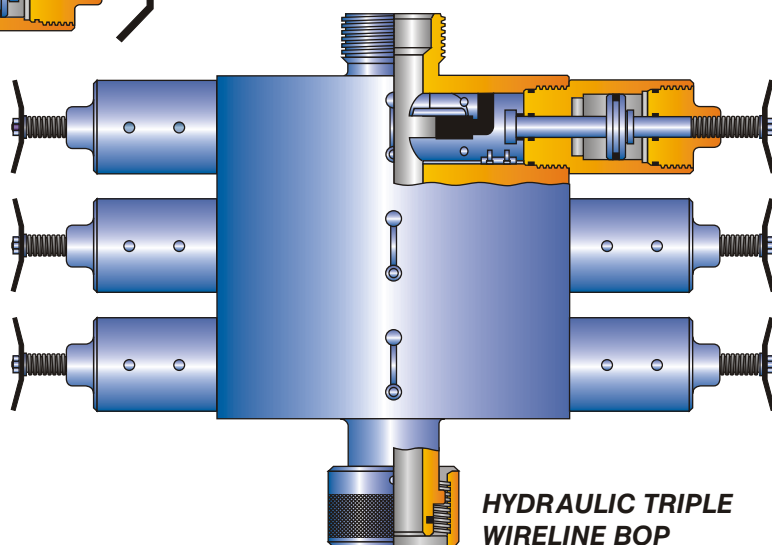
TYPE	I.D. (INCH)	W.P (PSI)	PART NO. (MANUAL)	PART NO. (HYDRAULIC)
SINGLE	2.50	5,000	012563X-00	012563X-H00
SINGLE	2.50	10,000	012100-X00	012100X-H00
SINGLE	2.50	15,000	-----	012410X-H00
TWIN	2.50	5,000	022563X-00	022563X-H00
TWIN	2.50	10,000	022100X-00	022100X-H00
TRIPPLE	2.50	5,000	032563X-00	032563X-H00
TRIPPLE	2.50	10,000	032100X-00	032100X-H00
TRIPPLE	2.50	15,000	032410X-00	032410X-H00
QUAD	2.50	5,000	042563X-00	042563X-H00
QUAD	2.50	10,000	042100X-00	042100X-H00
SINGLE	3.00	5,000	013500X-00	013500X-H00
SINGLE	3.00	10,000	013137X-00	013137X-H00
TWIN	3.00	5,000	023500X-00	023500X-H00
TWIN	3.00	10,000	023137X-00	023137X-H00
TRIPPLE	3.00	5,000	033500X-00	033500X-H00
TRIPPLE	3.00	10,000	033137X-00	033137X-H00
QUAD	3.00	5,000	043500X-00	043500X-H00
QUAD	3.00	10,000	043137X-00	043137X-H00
SINGLE	4.00	5,000	014564X-00	014564X-H00
SINGLE	4.00	10,000	014103X-00	014103X-H00



BLOWOUT PREVENTERS



**HYDRAULIC DUAL
WIRELINE BOP**



**HYDRAULIC TRIPLE
WIRELINE BOP**

Engineering Data for Manual and Hydraulic Wireline Blowout Preventer

TYPE	I.D. (INCH)	W.P (PSI)	PART NO. (MANUAL)	PART NO. (HYDRAULIC)
TWIN	4.00	5,000	024564X-00	024564X-H00
TWIN	4.00	10,000	024103X-00	024103X-H00
TRIPLE	4.00	5,000	034564X-00	034564X-H00
TRIPLE	4.00	10,000	034103X-00	034103X-H00
QUAD	4.00	5,000	044564X-00	044564X-H00
QUAD	4.00	10,000	044103X-00	044103X-H00
SINGLE	5.00	5,000	015565X-00	015565X-H00
SINGLE	5.00	10,000	015111X-00	015111X-H00
TWIN	5.00	5,000	025565X-00	025565X-H00
TWIN	5.00	10,000	025111X-00	025111X-H00
TRIPLE	5.00	5,000	035565X-00	035565X-H00
TRIPLE	5.00	10,000	035111X-00	035111X-H00
QUAD	5.00	5,000	045565X-00	045565X-H00
QUAD	5.00	10,000	045111X-00	045111X-H00
SINGLE	6.38	5,000	700-200-638-2000	700-200-638-1000
TWIN	6.38	5,000	700-300-638-2000	700-300-638-1000
TRIPLE	6.38	5,000	700-200-638-3000	700-200-638-3001
QUAD	6.38	5,000	700-200-638-4000	700-200-638-4001

Top & Bottom Conn : To Select From Quick Identification Chart Page No. 39 & 40



COIL TUBING QUAD BOP

FEATURES

This Quad BOP is designed primarily for use with coiled tubing operations. Modifications can be made for use in wireline operations. Contact the factory regarding the necessary modifications for any non-standard uses.

Quad BOP's are available with internal or external hydraulics in bore sizes from 2-9/16" to 6-3/8" and working pressures from 5,000 PSI to 15,000 PSI for standard or sour service. Coil tubing size ranges from 0.75" to 3.50".

Blind Rams: Made of alloy steel, will seal against pressure from below, with nothing between the rams, or on single strand measuring lines.

Shear Rams: Made of alloy steel, are designed to shear steel coiled tubing. They will also shear stranded or slick-line, either individually or in the coiled tubing.

No booster is required to cut coil tubing.

Slip Rams: Made of alloy steel, are designed as two-way grippers, will support a string of tubing or prevent the tubing from stripping out due to well pressure. Slip inserts are available for various tubing diameters.

Pipe Rams: Made of alloy steel, will centralize and seal around the tubing. These rams must be sized to the tubing being used.

Manual Locking Actuators: Each ram actuator is equipped with a manually operated, non rising stem, which is protected from dirt, corrosion and damage. They allow closing the rams in the event of a hydraulic failure; or to lock the rams after they are hydraulically closed. Hydraulics must be re-established and used to reopen the rams.

Ram Position Indicators: Position indicators on each actuator give a positive indication of ram position.

Equalizing Valves: Both the top and bottom ram positions are fitted with equalizing valves to prevent seal damage when opening either the blind or pipe rams with differential pressure. Equalizing valves are integral within the body of the BOP

Materials: Designed and manufactured to applicable API and NACE specifications, this equipment is also optionally available with certification to ISO standards.

OTHER CONFIGURATIONS

PARVEEN also offers other types of coil tubing blowout preventors. Each features a solid body construction and internal equalizing valves and may be ordered in single, double or triple configuration.



COMBI BOP



FEATURES

The '**Combi**' BOP is designed to accept rams that combine the function of two rams. This can be either the combination of **Shear and Seal (blind)** or **Pipe and Slip**.

Combi BOP's are available as Single, double or any multiple configuration. The most obvious benefit is the reduced height and weight of a Combi BOP.

MANUAL LOCKING ACTUATORS

Each ram actuator is equipped with a manually operated, non rising stem, which is protected from dirt, corrosion and damage. They allow closing the rams in the event of a hydraulic failure; or to lock the rams after they are hydraulically closed. Hydraulics must be re-established and used to reopen the rams.

EQUALIZING VALVES

Combi BOP is fitted with equalizing valve to prevent seal damage when opening the Shear Seal or Pipe Slip Rams with differential pressure. Equalizing valves are integral within the body of the BOP.

MATERIALS

Designed and manufactured to applicable API and NACE specifications.