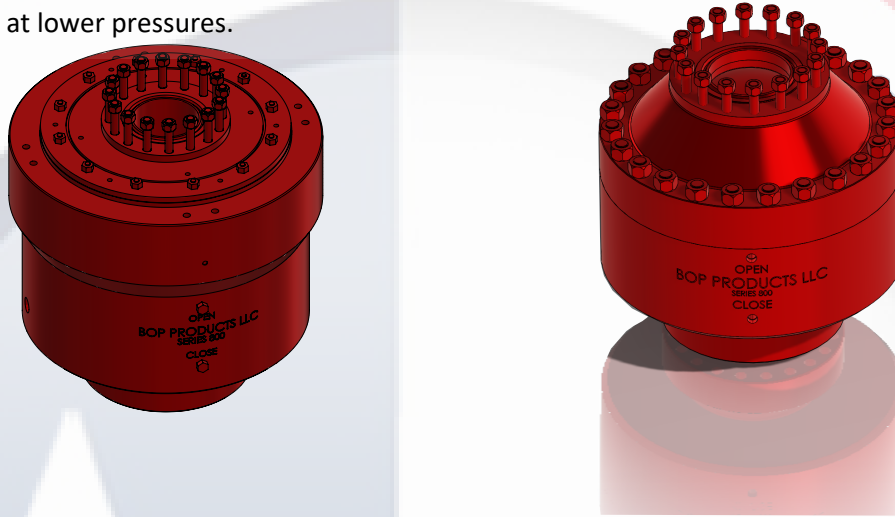


## Series 800 SBOP Blowout Preventer

B.O.P. Products series 800 SBOP is designed for safe well pressure control during drilling and workover operations. Ideal where space is a priority, this short, compact design has been proven and accepted for reliable operation. Its five main components (lower housing, upper housing, piston, adapter ring, and packing element) allow for easy maintenance and reliability. Moreover, the BOP products series 800 packing element can close on all pipes, casing, wireline, coiled tubing and other objects to its full working pressure. Stripping of pipe, tubing, and wireline through the packing element can also be accomplished at lower pressures.



### Specifications

- Designed and manufactured to ISO 13533 (Api 16A) for drill-through equipment.
- Designed as standard to ISO 15156-1 (NACE MR-0175) for use in hydrogen sulfide environments.
- Bore sizes: 4-1/16" to 21-1/4"
- Pressure Rating: 2,000 to 10,000
- Standard operation pressure of 1500 psi (10,34Mpa).
- Normal configuration is flanged bottom (or clamp hub) connection and a studded top flange connection.
- Hydraulic operation performed by connection to open and close (npt) ports located on the body, which are connected to the control system.
- SBOP inverted bowl in the upper housing causes steel inserts in the packing element to rotate inward to the wellbore.
- Replacement of the packing element is performed by removing nuts from stud bolting in the lower housing and lifting the upper housing upward.

### Features and Benefits

- Steel inserts prevent extrusion of the rubber and feed inward to close on any pipe or tubular in the well bore.
- Replaceable bearings are used in the operating system to prevent metal contact of moving parts.
- Adapter ring located below the upper housing prevents contamination of the operating system during packing element replacement.
- Wedged-cover upper housings are also available.
- Available in all standard bore and pressure ratings.
- Special rubber materials available for non-standard environments.

# Series 800 SBOP Blowout Preventer Specifications

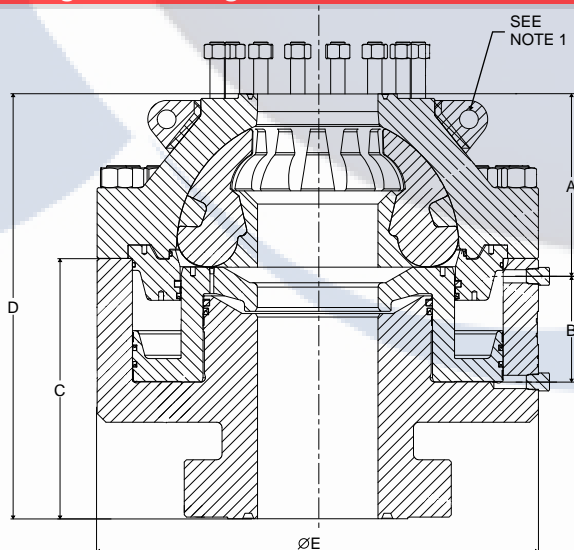


## Assembly Detail: Flange Bottom X Studded Top, Bolted Cover

Bore Size	4-1/16" 10M	7-1/16" 3M	7-1/16" 5M	7-1/16" 10M	7-1/16" 10M	11" 5M	11" 5M
Bottom Connection	4-1/16" 15M	7-1/16" 3M	7-1/16" 5M	7-1/16" 10M	7-1/16" 15M	11" 5M	11" 10M
A	11.43"	13.75"	13.75"	19.31"	19.31"	17.69"	17.69"
B	6.00"	8.75"	8.75"	11.13"	11.13"	12.62"	12.62"
C	16.00"	16.62"	18.38"	25.31"	26.19"	25.56"	26.68"
D	26.05"	29.12"	30.88"	42.38"	43.25"	41.50"	42.62"
E	23.00"	29.00"	29.00"	43.00"	43.00"	44.75"	44.75"
F	9,500 lbs	9,500 lbs	13,000 lbs	50,000 lbs	50,000 lbs	34,000 lbs	34,000 lbs
Approx. Weight	1,895 lbs	2,925 lbs	3,175 lbs	10,600 lbs	10,675 lbs	9,550 lbs	9,800 lbs
Hyd. Ports	3/4" NPT	1" NPT	1" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT	1-1/4" NPT
Volume	Opened	1.95 gal.	3.43 gal.	3.21 gal.	13.95 gal.	13.95 gal.	14.60 gal.
	Closed	2.38 gal.	4.92 gal.	4.57 gal.	17.20 gal.	17.20 gal.	18.70 gal.

Bore Size	13-5/8" 3M	13-5/8" 5M LW	13-5/8" 5M	13-5/8" 5M	20-3/4" 3M	21-1/4" 2M	30" 1M
Bottom Connection	13-5/8" 3M	13-5/8" 5M	13-5/8" 5M	13-5/8" 10M	20-3/4" 3M	21-1/4" 2M	30" ASME 600
A	19.68"	19.56"	20.67"	20.62"	21.41"	21.06"	34.44"
B	10.88"	12.38"	12.00"	12.00"	14.16"	14.62"	17.50"
C	22.56"	24.25"	26.31"	30.38"	38.31"	28.12"	34.25"
D	40.74"	42.25"	44.98"	49.12"	48.44"	46.25"	65.69"
E	46.38"	46.50"	50.00"	50.00"	54.12"	49.00"	71.00"
F	34,000 lbs	50,000 lbs	50,000 lbs	50,000 lbs	50,000 lbs	50,000 lbs	50,000 lbs
Approx. Weight	9,100 lbs	10,000 lbs	13,650 lbs	14,200 lbs	14,600 lbs	10,850 lbs	28,750 lbs
Hyd. Ports	1-1/2" NPT	1-1/2" NPT	1-1/2" NPT	1-1/2" NPT	1-1/2" NPT	1-1/2" NPT	2" NPT
Volume	Opened	14.67 gal.	14.67 gal.	17.41 gal.	17.41 gal.	26.90 gal.	55.00 gal.
	Closed	23.50 gal.	23.50 gal.	23.58 gal.	23.58 gal.	43.40 gal.	122.00 gal.

## Diagram: Flange Bottom X Studded Top, Bolted Cover



### NOTE:

1. Upper body lift eyes, 2 places at 180°. Lift capacity "F" per lift eye.

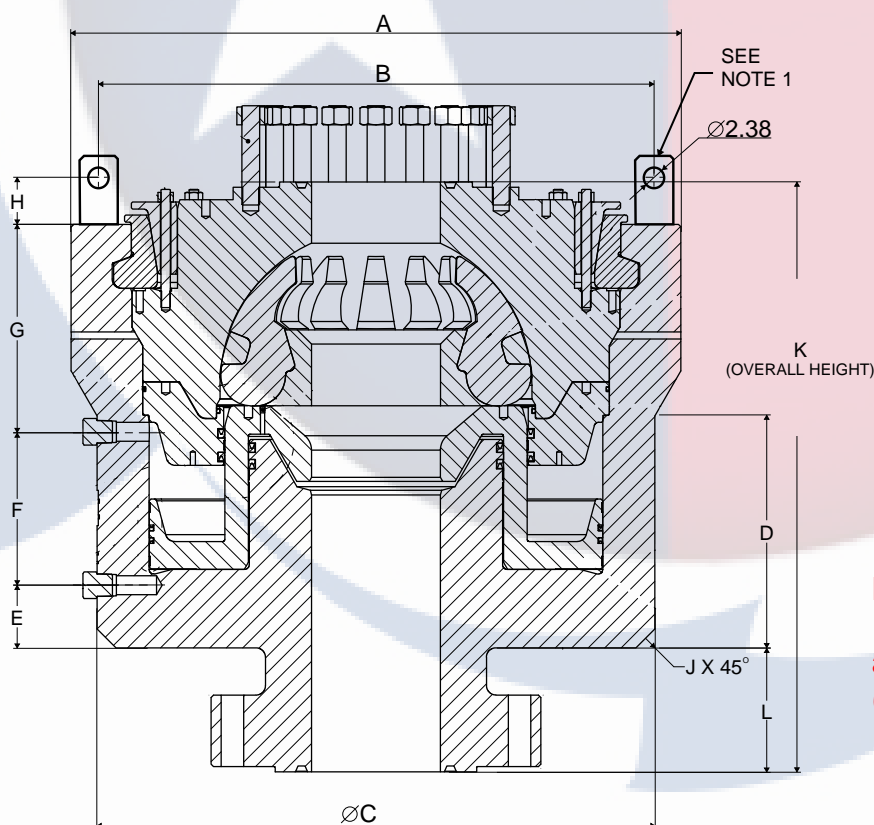
# Series 800 SBOP Blowout Preventer Specifications



**Assembly Detail: Flange Bottom X Studded Top, Wedge Cover**

Bore Size	11" 10M	13-5/8" 10M	13-5/8" 10M	16-3/4" 5M	18-3/4" 5M	21-1/4" 5M	21-1/4" 5M
Bottom Connection	11" 10M	13-5/8" 10M	13-5/8" 15M	16-3/4" 5M	18-3/4" 10M	21-1/4" 5M	21-1/4" 10M
A	57.00"	64.50"	64.50"	60.00"	66.25"	71.00"	71.00"
B	52.00"	58.88"	58.88"	55.88"	61.75"	66.13"	66.13"
C	53.00"	59.00"	59.00"	56.75"	64.62"	69.50"	69.50"
D	21.12"	23.00"	23.00"	23.68"	28.96"	32.20"	32.20"
E	6.00"	7.00"	7.00"	6.75"	7.00"	7.50"	7.50"
F	12.88"	14.56"	14.56"	14.25"	18.87"	20.19"	20.19"
G	20.25"	21.94"	21.94"	15.75"	18.38"	22.69"	22.69"
H	5.25"	5.25"	5.25"	5.25"	5.25"	5.25"	5.25"
J	1.50"	2.00"	2.00"	1.75"	2.00"	3.00"	3.00"
K	53.18"	58.50"	61.75"	52.31"	62.63"	66.23"	69.62"
L	9.68"	10.75"	13.75"	9.25"	13.63"	11.74"	15.12"
Approx. Weight	23,000 lbs	32,500 lbs	33,500 lbs	22,900 lbs	37,400 lbs	44,500 lbs	46,200 lbs
Volume	Opened	24.67 gal.	32.64 gal.	32.64 gal.	25.61 gal.	37.61 gal.	47.76 gal.
	Closed	30.58 gal.	40.16 gal.	40.16 gal.	33.26 gal.	48.16 gal.	61.37 gal.
Hyd. Conn.	Number	2	4	4	2	4	4
	Size	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT	2" NPT

**Diagram: Flange Bottom X Studded Top, Wedge Cover**



**NOTE:**  
1. Upper body lift lugs, 4 places at 90°. Lift capacity 70,000 (31751 kg)/LUG.