

P100 RAM BOP

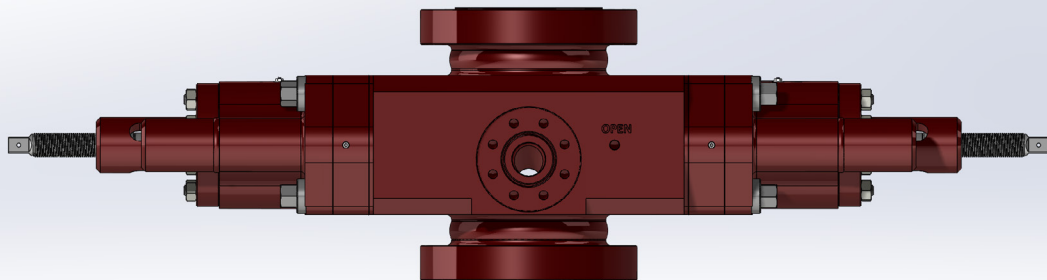
SINGLE OR DOUBLE

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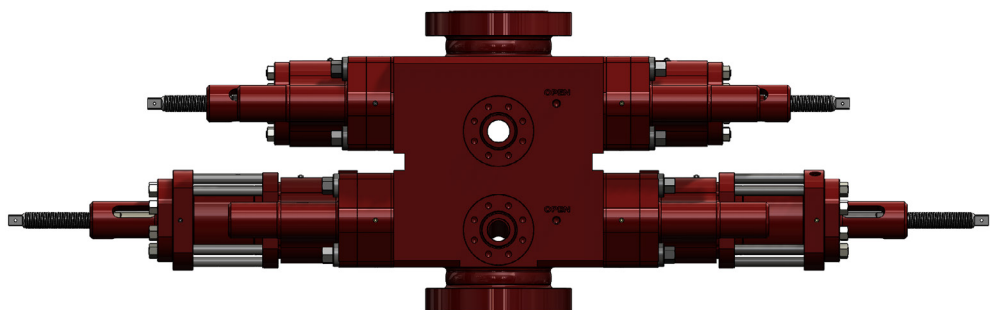
P100

Ram BOP

SINGLE



DOUBLE

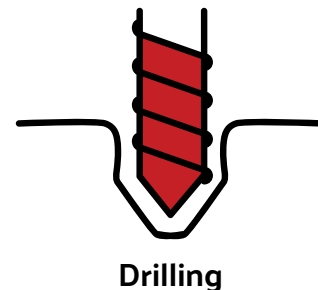
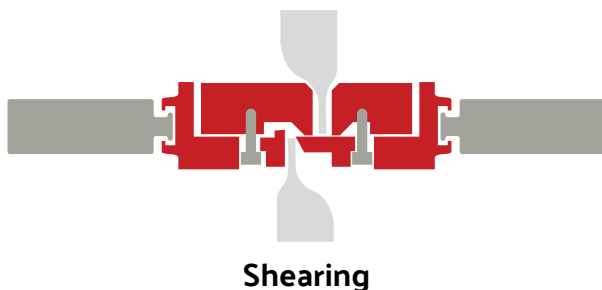
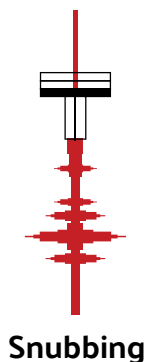


The P100 Ram BOP is a tried and true design capable of defending your assets in the required pressure environments. Available in a Single or Double, the P100 provides a quick and dependable closure to assist with any drilling activity.

SPECS

- ◆ Designed and Manufactured to API 16A
- ◆ API 16A Monogram available
- ◆ Forged 4130 material
- ◆ **Configurations:**
Studded and Flanged options
- ◆ **Outlet Options:**
Studded, Flanged, None
- ◆ Suitable for use in H₂S environments
- ◆ **Standard Operating Pressure:** 1,500 PSI
- ◆ **Maximum Operating Pressure:** 3,000 PSI
- ◆ **Bore Sizes:** 7 1/16" - 26 3/4"
- ◆ **Pressures:** 2,000-15,000 PSI
- ◆ **Ring Groove Inlay:**
4130 (steel)/316 (stainless steel)/625 (Inconel)
- ◆ **Internal coating available:**
Xylan, Everslick, & Phosphate
- ◆ **Temperature Rating:**
-20 degrees F to 250 degrees F
- ◆ **Bonnet Options:**
Standard
Large Bore Shear
Large Bore w/ Booster

APPLICATIONS



P100 RAM BOP



PRESSURE RATING :: PSI

Size	2,000	3,000	5,000	10,000	15,000
7 1/16		◆	◆	◆	◆
11		◆	◆	◆	◆
13 5/8		◆	◆	◆	◆
16 3/4		◆	◆		
20 3/4		◆			
21 1/4	◆		◆	◆	
26 3/4		◆			

**COMMON SIZES, WEIGHTS AND DIMS
SINGLE FLANGE BY FLANGE**

Size	PSI	Height (IN)	Width (IN) body	Length Standard Doors (IN)	Length (IN) Standard Doors open	Approx. Weight (LBS)
7 1/16	3,000	25.26	20.00	74.00	109.50	2700
	5,000	27.53	20.00	74.00	109.50	3000
	10,000	30.49	20.00	74.00	109.50	3760
11	3,000	29.04	20.12	96.25	146.88	5350
	5,000	34.36	25.12	96.25	146.88	5700
	10,000	35.64	25.75	96.25	146.88	6500
13 5/8	5,000	33.85	29.25	112.12	171.50	7850
	10,000	41.65	30.25	112.12	172.75	10400

Additional Sizes and Pressures available upon request

**COMMON SIZES, WEIGHTS AND DIMS
DOUBLE FLANGE BY FLANGE**

Size	PSI	Height (IN)	Width (IN) body	Length Standard Doors (IN)	Length (IN) Standard Doors open	Approx. Weight (LBS)
7 1/16	3,000	42.03	20.00	74.00	109.50	5150
	5,000	44.16	20.00	74.00	109.50	5250
	10,000	48.65	20.00	74.00	109.50	6450
11	3,000	49.23	20.12	96.25	146.88	9850
	5,000	54.58	25.12	96.25	146.88	10350
	10,000	55.84	25.75	96.25	146.88	11400
13 5/8	5,000	55.90	29.25	112.12	171.50	14800
	10,000	66.60	30.25	112.12	172.75	18550

Additional Sizes and Pressures available upon request

STANDARD BONNET HYDRAULIC FLUID REQUIREMENTS

Size	PSI	Standard Continuous Rated Operating PSI	Gallons (USA) to OPEN Rams	Gallons (USA) to CLOSE Rams	Locking Screw Turns (each end)	Closing Ratio	Opening Ratio	Hydraulic Ports
7 1/16	3,000	1,500	1.3	1.3	18	6.9:1	2.2:1	1" NPT
	5,000	1,500	1.3	1.3	18	6.9:1	2.2:1	1" NPT
	10,000	1,500	1.3	1.3	18	6.9:1	2.2:1	1" NPT
	15,000	1,500	1.3	1.3	18	6.9:1	2.2:1	1" NPT
11	3,000	1,500	3.4	3.5	27	7.3:1	2.5:1	1" NPT
	5,000	1,500	3.4	3.5	27	7.3:1	2.5:1	1" NPT
	10,000	1,500	3.4	3.5	27	7.3:1	2.5:1	1" NPT
	15,000	1,500	5.7	5.8	32	9.8:1	2.2:1	1" NPT
13 5/8	5,000	1,500	5.5	5.8	32	7.0:1	2.3:1	1" NPT
	10,000	1,500	5.5	5.8	32	7.0:1	2.3:1	1" NPT
	15,000	1,500	10.4	10.6	45	10.6:1	3.7:1	1" NPT

LARGE BORE SHEAR BONNET HYDRAULIC FLUID REQUIREMENTS

Size	PSI	Standard Continuous Rated Operating PSI	Gallons (USA) to OPEN Rams	Gallons (USA) to CLOSE Rams	Locking Screw Turns (each end)	Closing Ratio	Opening Ratio	Hydraulic Ports
7 1/16	3,000	1,500	2.4	2.5	18	10.4:1	3.4:1	1" NPT
	5,000	1,500	2.4	2.5	18	10.4:2	3.4:2	1" NPT
	10,000	1,500	2.4	2.5	18	10.4:3	3.4:3	1" NPT
	15,000	1,500	2.4	2.5	18	10.4:4	3.4:4	1" NPT
11	3,000	1,500	6.8	6.9	27	12.0:1	4.3:1	1" NPT
	5,000	1,500	6.8	6.9	27	12.0:1	4.3:1	1" NPT
	10,000	1,500	6.8	6.9	27	12.0:1	4.3:1	1" NPT
	15,000	1,500	8.9	9	32	15.2:1	3.4:1	1" NPT
13 5/8	5,000	1,500	10.5	10.9	32	10.8:1	3.7:1	1" NPT
	10,000	1,500	10.5	10.9	32	10.8:1	3.7:1	1" NPT

**LARGE BORE SHEAR BONNETS
WITH BOOSTERS
HYDRUALIC FLUID REQUIREMENT**

Size	PSI	Standard Continous Rated Operating PSI	Gallons (USA) to OPEN Rams	Gallons (USA) to CLOSE Rams	Locking Screw Turns (each end)	Closing Ratio	Opening Ratio	Hydraulic Ports
7 1/16	3,000	1,500	2.4	4.2	18	10.4:1	3.4:1	1" NPT
	5,000	1,500	2.4	4.2	18	10.4:1	3.4:1	1" NPT
	10,000	1,500	2.4	4.2	18	10.4:1	3.4:1	1" NPT
	15,000	1,500	2.4	4.2	18	10.4:1	3.4:1	1" NPT
11	3,000	1,500	6.8	12.2	27	12.0:1	4.3:1	1" NPT
	5,000	1,500	6.8	12.2	27	12.0:1	4.3:1	1" NPT
	10,000	1,500	6.8	12.2	27	12.0:1	4.3:1	1" NPT
	15,000	1,500	8.9	15.6	32	15.2:1	3.4:1	1" NPT
13 5/8	5,000	1,500	10.5	17.5	32	10.8:1	3.7:1	1" NPT
	10,000	1,500	10.5	17.5	32	10.8:1	3.7:1	1" NPT
	15,000	1,500	16	23.2	45	16.2:1	5.6:1	1" NPT



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