



# PATTERSON SERVICES, INC.

**Tubing**  
1" thru 4 1/2"

**Drill Pipe**  
2 3/8" thru 5 1/2"

**Heavy Weight Drill Pipe**  
2 7/8" thru  
6 5/8"

**Drill Collars**  
2 7/8" thru 10"

**Blow-Out Preventers**  
Annular Type  
2 9/16" 5M thru  
29 1/2" 500 PSI

**Hydraulic Ram Type**  
Single and Double  
3 1/16" 10M thru  
21 3/4" 5M

**Valves Manual & Hydraulic**  
12" Ball Valves  
2 1/16" 5M thru  
4 1/16" 15M

## BOP Information Sheet\*

## Axon Type 52 Annular BOP Bolted Cover 21-1/4" 2K

1	BOP Serial #	P-
2	Type	21-1/4" 2K Type 52 Flange Bottom x Studded Top, Bolted Cover
3	Manufacturer	AXON Pressure Products
4	Height	46.65" / 1.185 m
5	Weight (Standard)	12,000 lbs. / 5443.108
6	Clearance Diameter	49.00" / 1.245 m
7	Hydraulic operating pressure	≤ 1,500 PSI / 103.422 bar
8	Max hydraulic pressure	1,500 PSI / 103.422 bar
9	(1)Open port and (1)Close port size	1-1/2" NPT
10	Open volume	16.92 U.S. Gallons / 64.049 Liters
11	Close volume	32.59 U.S. Gallons / 123.367 Liters
12	21-1/4" 2K Studded Top Bolts Diameter x Length	1-5/8" x 8-3/8" / 41.275 mm x 212.725 mm
13	Quantity	24
14	Bolt Torque	1,635.00 ft-lbs / 2,216.733 N'm
15	21-1/4" 2K Flanged Bottom Bolts Diameter x Length	1-5/8" x 12-1/4" / 41.275 mm x 311.150 mm
16	Quantity	24
17	Bolt Torque	1,635.00 ft-lbs / 2,216.733 N'm
18	Flange Gasket (Open-faced Bottom Flange)	R / RX-73
19	Studded Flange Gasket	R / RX-73
20	Lifting Capacity	

\* Drawings and information contained herein are for general purposes and are for reference only. Dimensions may vary according to Manufacturer, Year Manufactured, Model or Type.

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## SPECIFICATIONS

### DIMENSIONAL DATA

### Axon Type 52 Annular BOP Bolted Cover 21-1/4" 2K

Size	Pressure rating (PSI)	Vertical Bore (inches)	Single Approx. Weight (lbs)
21 - 1/4"	2,000	21 - 1/4"	12,000 lbs 5,443.108 kg

The capital letters in the following designations refer to the BOP dimensional views and dimensional charts shown.

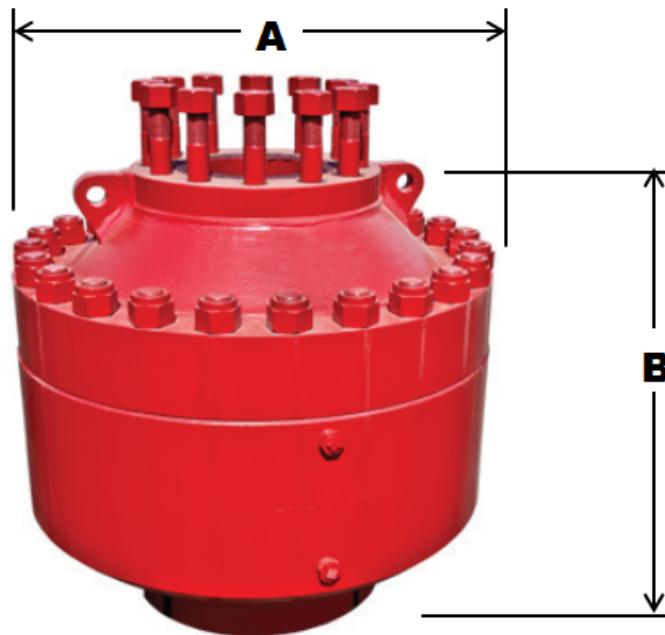


Image is for reference only.

English Units (inches)		English Units (lbs)
<b>A (Clearance Diameter)</b>	<b>B (height)</b>	
49.000	46.650	12,000.000
Metric Units ( m )		Metric Units (kgs)
<b>A (Clearance Diameter)</b>	<b>B (height)</b>	
1.245	1.185	5,443.108

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