



PATTERSON SERVICES, INC.

BOP Information Sheet*

Axon Type 58 BOP Single 3-1/16" 20K

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

1	BOP Serial #	P-
2	Type	Type 58 Single Ram BOP 3-1/16" 20K
3	Manufacturer	Axon
4	Height	32.12" / 0.816 m
5	Weight (Standard)	2,050 lbs. / 929.864 kg
6	Length (bonnets closed)	70.57" / 1.792 m
7	Length (bonnets opened)	91.05" / 2.313 m
8	Bonnet bolt torque (API lube)	3,600 ft.lbs. / 4,881 N'm
9	Bonnet bolt (impact socket size)	2-1/4" / 57.150 mm
10	Bonnet bolt (striking wrench size)	2-3/8" Hex / 60.325 mm
11	Hydraulic operating pressure	1,500 PSI / 103.422 bar
12	Max hydraulic pressure	3,000 PSI / 206.844 bar
13	Open and Close port size	3/4" NPT
14	Open volume (operation)	0.74 gal. / 2.801 liters
15	Close volume (operation)	0.69 gal. / 2.612 liters
16	Ram Change rod open faced wrench size	1-1/4"
17	(2)3-1/16" 20K Flange-Bolt Diameter x Length	1-3/8" x 10-1/4" / 34.925 mm x 260.350 mm
18	Quantity	8 per flg.
19	Bolt Torque	1,281 ft.lbs. / 1,736.780 N'm
20	(2)2-1/16" 20K Studded Outlet-Bolt Diameter x Length	1-1/8" x 5-3/4" / 28.575 mm x 146.050 mm
21	Quantity	8 per flg.
22	Bolt Torque	686 ft.lbs. / 930 N'm
23	Flange Gasket	BX-154
24	Outlet Gasket	BX-152

* 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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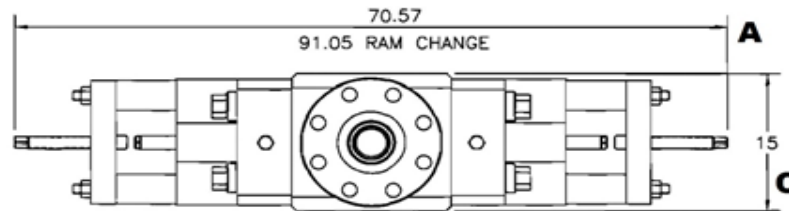


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1" thru 4 1/2"
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- Heavy Weight Drill Pipe**
2 7/8" thru 6 5/8"
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- Valves Manual & Hydraulic**
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SPECIFICATIONS

DIMENSIONAL DATA			Axon Type 58 BOP Single 3-1/16" 20K
Size	Pressure rating (PSI)	Vertical Bore (inches)	Single Approx. Weight (lbs)
3 - 1/16"	20,000	3 - 1/16"	2,050.00



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

A-1 Length - bonnets closed, locking screws locked

A-2 Length - bonnets opened, locking screws unlocked .

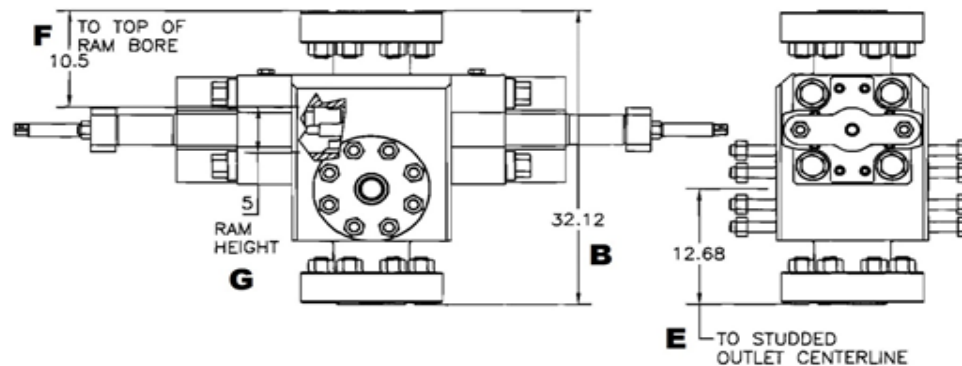
B Height - flanged

C Width - studded side outlets

E Centerline of side outlet to bottom flange face

F Top of ram to top flange face

G Ram height



English Units (inches)

A-1	A-2	B	C	E	F	G	Approx. Weight (lbs)				
70.570	91.050	32.120	15.000	12.680	10.500	5.000					2,050.000

Metric Units (m)

Metric Units (mm)

A-1	A-2	B-1	C	E	F	G	Approx. Weight (kg)				
1.792	2.313	0.816	381.000	322.072	266.700	127.000					929.864