



PATTERSON SERVICES, INC.

BOP Information Sheet*

BOWEN-NOV BOP Single 4-1/16" 15K

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	BOWEN-NOV BOP Single 4-1/16 15K
3	Manufacturer	BOWEN-NOV
4	Height	28.25" / 0.718 m (717.550 mm)
5	Weight (Standard)	2050 lbs. / 929.864 kg
6	Length (bonnets closed)	79.760" / 102.240 m
7	Length (bonnets opened)	102.240" / 2.597 m
8	Bonnet bolt torque (API lube)	1,800 - 2,300 ft.lbs. / 2,440 - 3,118 N'm
9	Bonnet bolt torque (Moly Lube)	N/A
10	Bonnet bolt (impact socket size)	2-1/4" / 57.150 mm
11	Bonnet bolt (striking wrench size)	2-3/8" / 60.325 mm
12	Hydraulic operating pressure	1,500 PSI / 103.422 bar
13	Max hydraulic pressure	3,000 PSI / 206.844 bar
14	Open and Close port size	3/4" NPT
15	Open volume w/ standard bonnets	0.848 gal. / 3.210 liter (per set of rams)
16	Close volume w/ standard bonnets	0.858 gal. / 3.248 liter (per set of rams)
17	Open volume (25:1 Shear)	1.465 gal. / 5.546 liters
18	Close volume (25:1 Shear)	1.475 gal / 5.583 liters
19	Ram Change rod open faced wrench size	1-1/4" / 31.750 mm
20	(2)4-1/16" 15K Flange-Bolts Diameter x Length	1-3/8" x 9-3/4" / 34.925 mm x 247.650 mm
21	Quantity	8 per flg.
22	Bolt Torque	1,281 ft.lbs. / 581 N'm
23	(2)2-1/16" 15K Studded Outlet Bolts Diameter x Length	7/8" x 4-3/8" / 22.225 mm x 111.125 mm
24	Quantity	8 per flg.
25	Bolt Torque	319 ft.lbs. / 428 N'm
26	Flange Gasket	BX-155
27	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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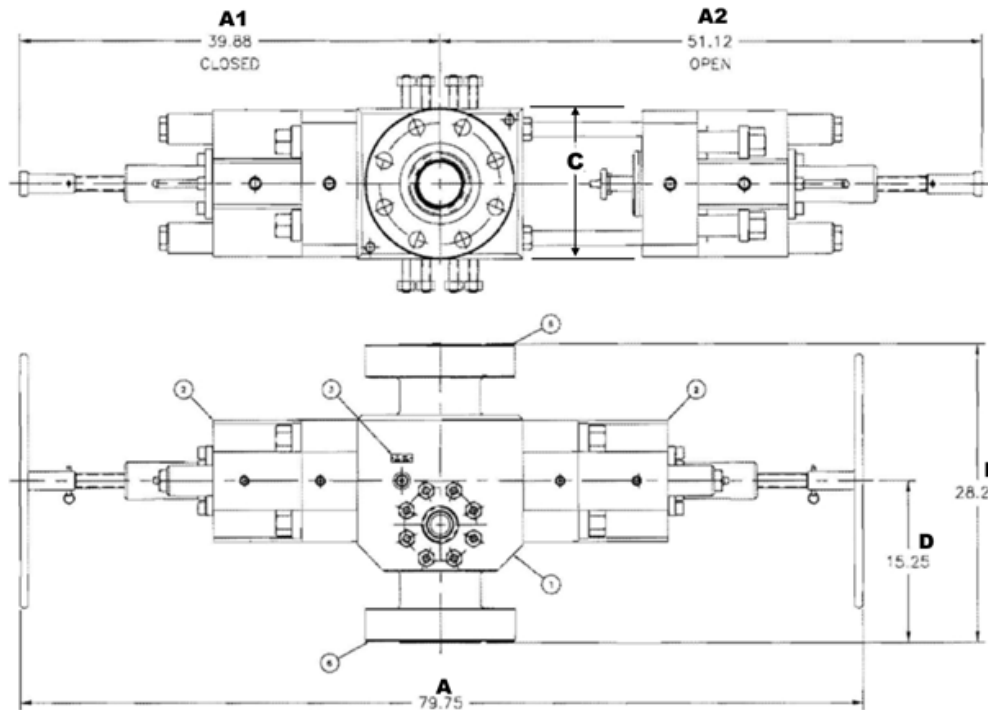
PATTERSON SERVICES, INC.

SPECIFICATIONS

DIMENSIONAL DATA

BOWEN-NOV BOP Single 4-1/16" 15K

Size	Pressure rating (PSI)	Vertical Bore (inches)
4 - 1/16"	15,000	4 - 1/16"



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

- A-1 Length (total)- bonnets closed, locking screws locked
- A-2 Length (total) - bonnets opened, locking screws unlocked
- B Height
- C Width - no side outlets
- D Centerline of bonnet to bottom flange face

English Units (inches)

A-1	A-2	B	C	D
79.760	102.240	28.250	14.000	15.250

English Units (lbs)

Approx. Weight (lb)
2,050.000

Metric Units (m)

A-1	A-2	B	C
2.026	2.597	0.718	355.600

Metric Units (mm)

C
387.350

Metric Units (kg)

Approx. Weight (kg)
929.864

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