



# 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\*

## Hydril GK Annular BOP 11" 5K

1	BOP Serial #	P-
2	Type	GK 11" 5K Annular BOP
3	Manufacturer	Hydril
4	Height	47.8125" / 1.214 m
5	Weight (Approximate -- varies with connectors)	8,200 lbs. / 3,720 kilograms
6	Clearance Diameter	44.250" / 1.120 m
7	Hydraulic operating pressure	≤ 1,500 PSI / 103.422 bar
8	Max hydraulic pressure	1,500 PSI / 103.422 bar
9	Open port and Close port size	1" NPT
10	Open volume	7.98 U.S. Gallons / 30.208 Liters
11	Close volume	9.81 U.S. Gallons / 37.324 Liters
12	11" 5K Studded Top Bolts Diameter x Length	1-7/8" x 9-5/8" / 47.625 mm x 244.475 mm
13	Quantity	12 per studded flange
14	Bolt Torque	3,332 ft-lbs / 4,518 N'm
15	11" 5K Flanged Bottom Bolts Diameter x Length	1-7/8" x 14-1/4" / 47.625 mm x 374.650 mm
16	Quantity	12 per flange
17	Bolt Torque	3,332 ft-lbs / 4,518 N'm
18	Flange Gasket (Open-faced Bottom Flange)	R-54/RX-54
19	Studded Flange Gasket	R-54/RX-54
20	Lifting Capacity B.O.P. Lugs	

\* 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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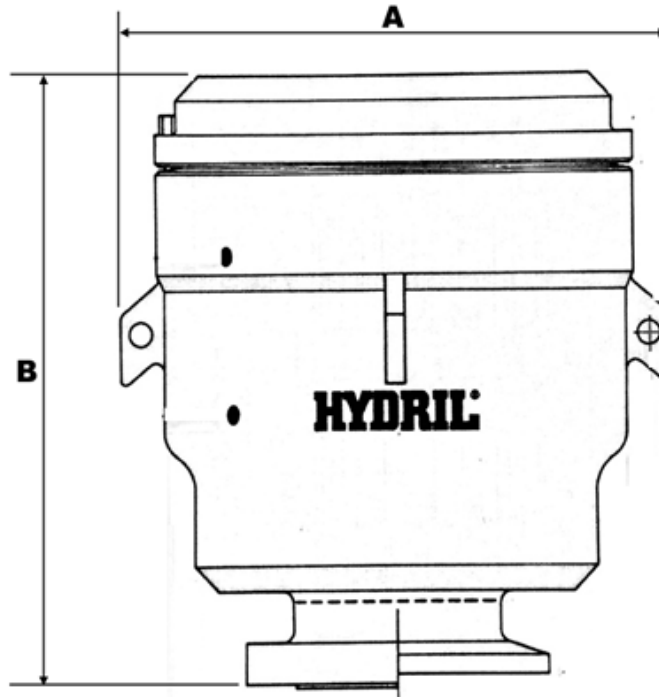
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## SPECIFICATIONS

DIMENSIONAL DATA			Hydril GK Annular BOP 11" 5K
Size	Pressure rating (PSI)	Vertical Bore (inches)	Single Approx.* Weight (lbs)
11"	5,000	11"	8,200.00

\*Approximate: Varies with connectors.

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



English Units (inches)		English Units (lbs)
A (Clearance Diameter)	B (height)	
44.250	47.813	8,200.000
Metric Units (m)		Metric Units (kgs)
A (Clearance Diameter)	B (height)	
1.124	1.214	3,720.000