



# 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 16-3/4" 5K

1	BOP Serial #	P-
2	Type	16-3/4" 5K GK Annular BOP
3	Manufacturer	Hydril
4	Height	61.250 / 1.556 m
5	Weight (Approximate -- varies with connectors)	20,835 lbs. / 9450.597 kilograms *
6	Clearance Diameter	59.50" / 1.511 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	<b>*Exclusive to P-05789:</b> (2) Open Ports (2) Close Ports	1-1/2" NPT
11	Open volume	20.5 U.S. Gallons / 77.601 Liters
12	Close volume	29.5 U.S. Gallons / 111.670 Liters
13	16-3/4" 5K Studded Top Bolts Diameter x Length	1-7/8" x 9-1/2" / 47.625 mm x 241.300 mm
14	Quantity	16 per studded flange
15	Bolt Torque	3,332 ft-lbs / 4,518 N'm
16	16-3/4" 5K Flanged Bottom Bolts Diameter x Length	1- 7/8" x 14-3/4" / 47.625 mm x 374.650 mm
17	Quantity	16 per flange
18	Bolt Torque	3,332 ft-lbs / 4,518 N'm
19	Flange Gasket (Open-faced Bottom Flange)	BX-162
20	Studded Flange Gasket	BX-162
21	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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## SPECIFICATIONS

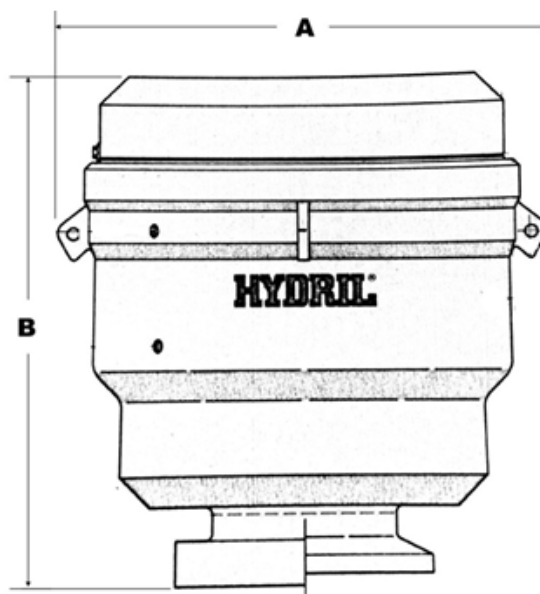
### DIMENSIONAL DATA

### Hydril GK Annular BOP 16-3/4" 5K

Size	Pressure rating (PSI)	Vertical Bore (inches)	Single Approx.* Weight
16.75"	5,000	16.75"	20,835.00

\*Approximate: Varies with connectors.

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



#### English Units (inches)

A (Clearance Diameter)	B (height)	English Units (lbs)
59.500	61.250	20,835.000

#### Metric Units ( m )

A (Clearance Diameter)	B (height)	Metric Units (kgs)
1.511	1.556	9,450.597

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