



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 7-1/16" 5K

| | | |
|----|---|---|
| 1 | BOP Serial # | P- |
| 2 | Type | GK 7-1/16" 5K Annular BOP |
| 3 | Manufacturer | Hydril |
| 4 | Height | 36.875" / 0.937 m |
| 5 | Weight (Approximate -- varies with connectors) | 4,000 lbs. / 1814.369 kilograms |
| 6 | Clearance Diameter | 35.75" / 0.908 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 | 3.34 U.S. Gallons / 12.643 Liters |
| 11 | Close volume | 3.9 U.S. Gallons / 14.763 Liters |
| 12 | 7-1/16" 5K Studded Top Bolts Diameter x Length | 1-3/8" x 7-1/2" / 34.925 mm x 190.500 mm |
| 13 | Quantity | 12 per studded flange |
| 14 | Bolt Torque | 4,061 ft-lbs / 5,506 N'm |
| 15 | 7-1/16" 5K Flanged Bottom Bolts Diameter x Length | 1-3/8" x 11-1/4" / 34.925 mm x 285.750 mm |
| 16 | Quantity | 12 per flange |
| 17 | Bolt Torque | 1,281 ft-lbs / 1,736.780 N'm |
| 18 | Flange Gasket (Open-faced Bottom Flange) | R/RX46 |
| 19 | Studded Flange Gasket | R/RX46 |
| 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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SPECIFICATIONS

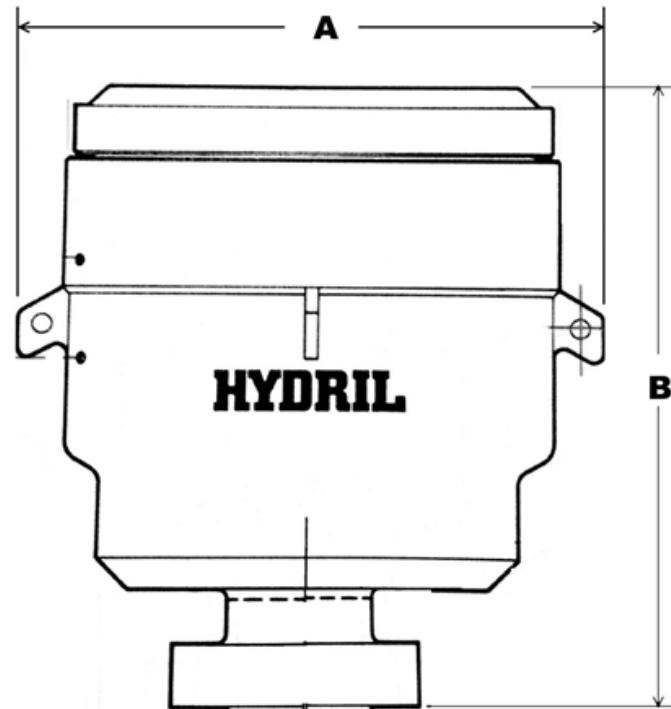
DIMENSIONAL DATA

Hydril GK Annular BOP 7-1/16" 5K

| Size | Pressure rating (PSI) | Vertical Bore (inches) | Single Approx.* Weight (lbs) |
|---------|-----------------------|------------------------|------------------------------|
| 7.0625* | 5,000 | 7.0625* | 4,000.00 |

*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) |
|------------------------|------------|---------------------|
| 35.750 | 36.875 | 4,000.000 |

Metric Units (m)

| A (Clearance Diameter) | B (height) | Metric Units (kgs) |
|------------------------|------------|--------------------|
| 0.908 | 0.937 | 1,814.369 |

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