



## **DK-20 HAMMER**

- ✓ **BR 2 DESIGN**
- ✓ **NEW GENERATION**
- ✓ **VALVED FOR LOW PRESSURE**
- ✓ **SUPERIOR TECHNOLOGY**
- ✓ **STANDARD BIT DIAMETERS, 2.75" – 3.5"**
- ✓ **DELIVERS MORE ENERGY PER BLOW**
- ✓ **HARDENED PISTON FOR EXTENDED LIFE**
- ✓ **INNOVATIVE DESIGN FOR MAXIMUM PERFORMANCE WITH MINIMUM MAINTENANCE**

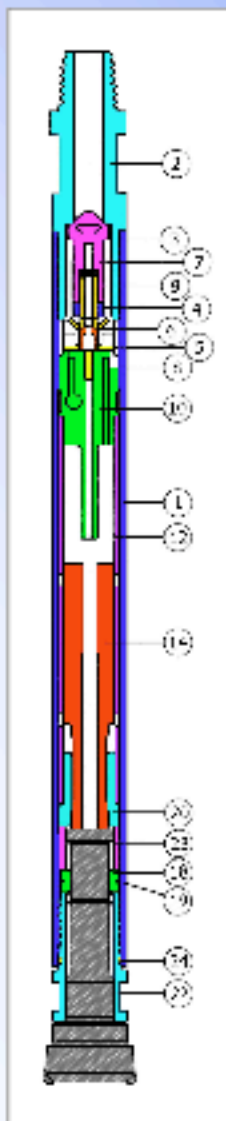
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**[www.drillking.net](http://www.drillking.net)**

*The newest generation of Drill King Hammers means faster penetration, longer life, and less down time due to down hole failures.*



| No.                    | NOMENCLATURE         | Qty           | Part Number |
|------------------------|----------------------|---------------|-------------|
| <b>HAMMER ASSEMBLY</b> |                      | <b>HADK20</b> |             |
| 1                      | WEAR SLEEVE          | 1             | HPDK02001   |
| 2                      | TOP SUB              | 1             | PDK002002   |
| 3                      | TOP SUB O-RING       | 1             | HPDK02003   |
| 4                      | GUIDE                | 1             | HPDK02004   |
| 5                      | DISK VALVE           | 1             | HPDK02005   |
| 6                      | CENTRALIZER          | 1             | HPDK02006   |
| 7                      | CHECK VALVE          | 1             | HPDK02007   |
| 8                      | CHOKE SET            | 1             | HPDK02008   |
| 9                      | C.V. SPRING          | 1             | HPDK02009   |
| 10                     | AIR DISTRIBUTOR      | 1             | HPDK02010   |
| 12                     | CYLINDER             | 1             | HPDK02012   |
| 14                     | PISTON               | 1             | HPDK02014   |
| 18                     | BIT RET. RING        | 1             | HPDK02018   |
| 19                     | BIT RET. RING O-RING | 1             | HPDK02019   |
| 20                     | BIT BEARING          | 1             | HPDK02020   |
| 22                     | CHUCK                | 1             | HPDK02022   |
| 23                     | SPACER               | 1             | HPDK02023   |
| 24                     | CHUCK SEAL           | 1             | HPDK02024   |

### Drilling Parameters

|                   |            |
|-------------------|------------|
| Working Pressure  | 100-250    |
| Application Bit   | 2.75"-3.5" |
| Feed Force (lbs.) | 300-800    |

### Air Consumption at Different Working Pressures

|                |     |
|----------------|-----|
| 100 psi (scfm) | 70  |
| 250 psi (scfm) | 270 |

### Dimensions & Weights

|                               |      |
|-------------------------------|------|
| <b>Top Sub: W/H Taper Pin</b> |      |
| Tool Length (in)              | 32.6 |
| Outside Dia. (in)             | 2.44 |
| Piston Diameter (in)          | 1.69 |
| Stroke (in)                   | 3.00 |
| Weight w/o Bit (lbs)          | 29   |
| Piston Weight (lbs)           | 4    |