

HADK-A80Q

AIR HAMMER (QL80)



Key features

- Innovative & simple design for easy eco kit maintenance
- High frequency design for fastest penetration rates
- Available for common bits shanks IR/QL/SD
- Customizable options for open hole or cased hole projects
- Premium alloys & treatment used for longer lasting tools

Parts List (QL80)

| NO | Part Name | Qty | Part Number |
|----|--------------------------|-----|-----------------|
| 1 | Top Sub | 1 | HPDK-A8002 |
| 2 | Top Sub O-Ring | 1 | HPDK-A8003 |
| 3 | Check Valve | 1 | HPDK-A8007 |
| 4 | C.V. Spring | 1 | HPDK-A8009 |
| 5 | Choke Set | 1 | HPDK-A8008 |
| 6 | Make Up Ring | 1 | HPDK-A8006 |
| 7 | Press Ring | 1 | HPDK-A8023 |
| 8 | Air Distributor | 1 | HPDK-A8010-Q |
| 9 | Air Dis. O-Ring | 1 | HPDK-A8011 |
| 10 | Cylinder | 1 | HPDK-A8012-Q |
| 11 | Piston | 1 | HPDK-A8014-Q |
| 12 | Wear Sleeve | 1 | HPDK-A8001-Q |
| 13 | Snap Ring | 2 | HPDK-A8021 |
| 14 | Bit Bearing | 1 | HPDK-A8020-Q |
| 15 | Bit Ret. Ring | 1 | HPDK-A8018-Q |
| 16 | Bit Ret. Ring O-Ring | 1 | HPDK-A8019 |
| 17 | Drive Sub | 1 | HPDK-A8022-Q |
| | Sealkit (Items 2, 9, 16) | 1 | HPDK-A80SEALKIT |
| | Complete Hammer | | HADK-A80Q |

Dimensions & Weights

| | |
|---------------------------|--------------------|
| Top Sub | 4 1/2" API REG PIN |
| OAL (in / mm) | 55.1 / 1400 |
| OD Range (in / mm) | 7.16 / 182 |
| Stroke (in / mm) | 4.00 / 101.6 |
| Weight w/o bit (lbs / Kg) | 405 / 184 |
| Piston Weight (lbs / Kg) | 84 / 38 |

Drilling Parameters

| | |
|---------------------------------|----------------------|
| Working Pressure (PSI / Bar) | 150-350 / 10.3-24.1 |
| Application Bit (in / mm) | 7.87-10.63 / 200-270 |
| Feed Force (FT-lbs / M-Kg) | 2000-5000 / 277-691 |
| Rotation Speed (RPM) | 10-30 |
| Rotation Torque (FT-lbs / M-Kg) | 4600 / 636 |
| Frequency (blows / min) | 1425 |

Air Consumption

| PSI | BAR | CFM | CuMtr/Min |
|-----|------|------|-----------|
| 150 | 10.3 | 548 | 15.5 |
| 250 | 17.2 | 842 | 24 |
| 350 | 24.1 | 1124 | 32 |

Exploded view

