

# **HADK-A120Q**

## **AIR HAMMER (QL120)**



### **Key features**

- QL120 Shank Design
- New Generation
- Superior Technology
- Standard bit diameters 12 1/2" - 18" / 318-457mm
- Delivers more energy per blow
- Hardened piston for extended life
- Innovative design for maximum performance with minimum maintenance

## Parts List (QL120)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-A12002
2	Washer – Top	1	HPDK-A12004
3	Top Sub O-Ring	1	See Sealkit
4	Check Valve	1	HPDK-A12007
5	C.V. Spring	1	HPDK-A12009
6	Choke Set	1	HPDK-A12007
7	Disc Spring Set	1	HPDK-A12006
8	Air Distributor	1	HPDK-A12010
9	Air Dis. O-Ring	1	See Sealkit
10	Cylinder	1	HPDK-A12012
11	Piston	1	HPDK-A12014
12	Wear Sleeve	1	HPDK-A12001
13	Snap Ring	2	HPDK-A12021
14	Bearing	1	HPDK-A12020
15	Bit Ret. Ring	1	HPDK-A12018
16	Bit Ret. Ring O-Ring	1	See Sealkit
17	Washer Bottom	1	HPDK-A12024
18	Drive Sub + Bushing	1	HPDK-A12022
19	Bushing	1	HPDK-A12025
	Sealkit (Items 3, 9, 16)	1	HPDK-A120QSEALKIT
	Complete Hammer		HADK-A120Q

### Dimensions & Weights

Top Sub	6 5/8" API REG PIN
OAL (in / mm)	67.5 / 1715
OD Range (in / mm)	11.25 / 286
Stroke (in / mm)	4.33 / 110
Weight w/o bit (lbs / Kg)	1433 / 650
Piston Weight (lbs / Kg)	309 / 140

### Drilling Parameters

Working Pressure (PSI / Bar)	150-250 / 10.3-17.2
Application Bit (in / mm)	12.5-18 / 318-457
Feed Force (FT-lbs / M-Kg)	4500-8000 / 622-1106
Rotation Speed (RPM)	15-25
Rotation Torque (FT-lbs / M-Kg)	5000-8000 / 691-1106
Frequency (blows / min)	1200

### Air Consumption

PSI	BAR	CFM	CuMtr/Min
150	10.3	880	25
200	13.9	1280	36
250	17.3	1790	51

## Exploded view

