Drill King International

HADK-A120Q

AIR HAMMER (QL120)



Key features

- Robust QL Shank Design
- Standard bit diameters 12.5" - 18" (318 - 457mm)
- Repair & Rebuild kits available for easy and cost effective maintenance

TECHNICAL BROCHURE

Parts List (QL120)

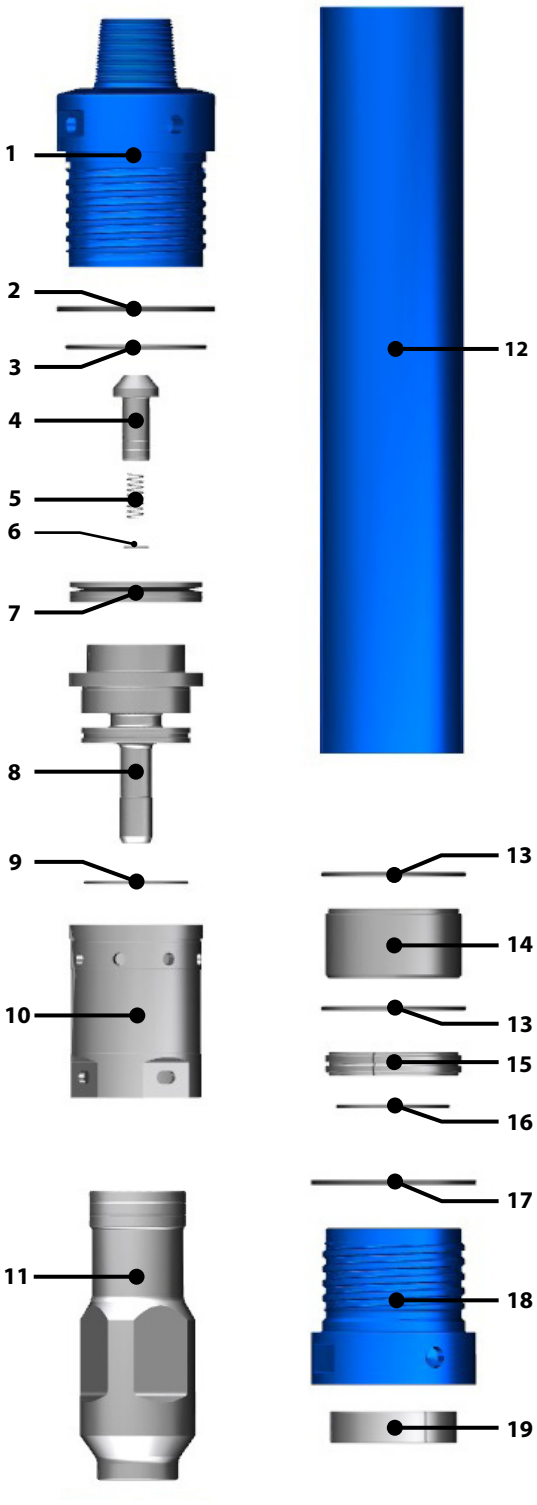
NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-A12002
2	Washer – Top	1	HPDK-A12004
3	Top Sub O-Ring	1	See Sealkit
4	Check Valve	1	HPDK-A12007
5	C.V. Spring	1	HPDK-A12009
6	Choke Set	1	HPDK-A12007
7	Disc Spring Set	1	HPDK-A12006
8	Air Distributor	1	HPDK-A12010
9	Air Dis. O-Ring	1	See Sealkit
10	Cylinder	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)		HPDK-A120QSEALKIT
	Complete Hammer		**HADK-A120Q**

Dimensions & Weights	
Top Sub Connection	6 ⅝" API REG PIN
Eff. Length (in / mm)	67.5 / 1715
OD (in / mm)	11.25 / 286
Hammer Weight (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
Rotation Speed (RPM)	15-25
Assembly Make-Up Torque (lb·Ft / N·m)	12000 / 16272
Rotation Torque (lb·Ft / N·m)	6500 / 8814
Frequency (blows / min)	1200

Air Consumption			
PSI	BAR	CFM	M^3/Min
150	10.3	880	25
200	13.9	1280	36
250	17.3	1790	51

Exploded view



Note: Drilling Parameters given are guideline only

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