

HADK-A30I-XT

AIR HAMMER (IR3.5)



Key features

- Repair & Rebuild kits available for easy and cost effective maintenance
- High frequency design for fastest penetration rates
- Customizable options for open hole or cased hole projects
- Premium alloys & treatment used for longer lasting tools

Parts List (IR3.5)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-A3002-XT
2	Top Sub O-Ring	1	HPDK-A3003-XT
3	Disc Spring	2	HPDK-A3006-XT
4	Spacer Ring	1	HPDK-A3005-XT
5	Choke Set	1	HPDK-A3008
6	Check Valve	1	HPDK-A3007
7	C.V. Spring	1	HPDK-A3009-XT
8	Air Distributor	1	HPDK-A3010-XT
9	Cylinder Ret. Ring	1	HPDK-A3013-XT
10	Cylinder	1	HPDK-A3012-XT
11	Piston	1	HPDK-A3014-XT
12	Wear Sleeve	1	HPDK-A3001-XT
13	Piston Ret. Ring	1	HPDK-A3017-XT
14	Bit Bearing	1	HPDK-A3020-XT
15	Bit Ret. Ring	1	HPDK-A3018-XT
16	Bit Ret. Ring O-Ring	1	HPDK-A3019-XT
17	Drive Sub	1	HPDK-A3022-XT
	Sealkit (Items 2, 9, 16)	1	HPDK-A30SEALKIT
	Complete Hammer		HADK-A30I-XT

Dimensions & Weights

Top Sub Connection	2 3/8 API REG PIN
Eff. Length (in / mm)	33.00 / 838.2
OD (in / mm)	3.11 / 79
Hammer Weight (lbs / Kg)	52.9 / 23.9
Piston Weight (lbs / Kg)	8 / 3.6

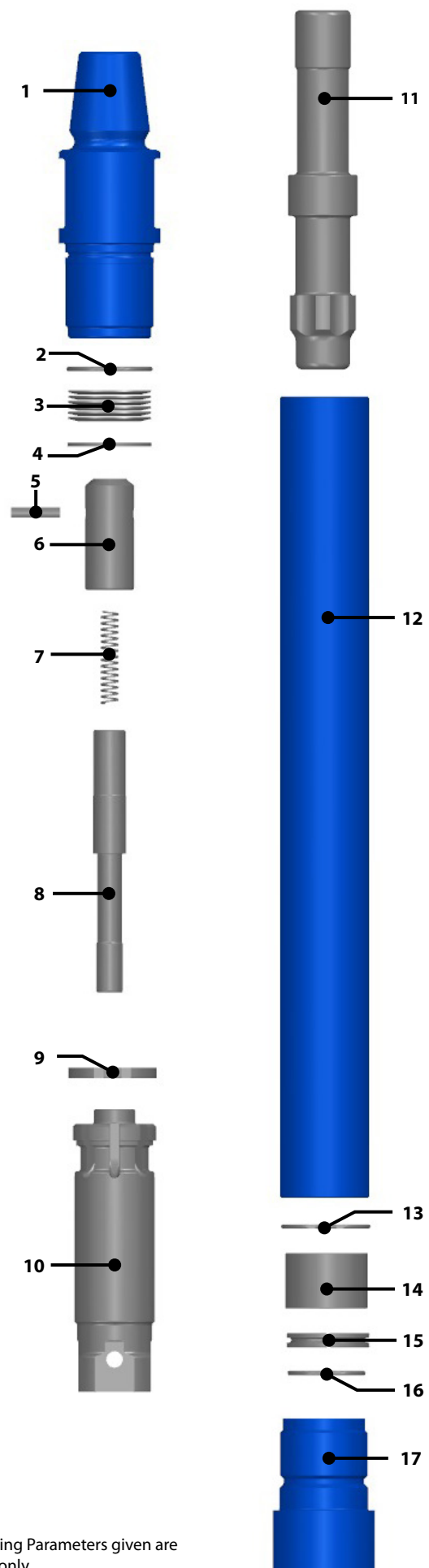
Drilling Parameters

Working Pressure (PSI / Bar)	150-350 / 10.3-24.1
Application Bit (in / mm)	3.35-4 / 85-101
Rotation Speed (RPM)	20-60
Assembly Make-Up Torque (lb·Ft / N·m)	2000 / 2712
Rotation Torque (lb·Ft / N·m)	500 / 687
Frequency (blows / min)	1450

Air Consumption

PSI	BAR	CFM	M ³ /Min
150	10.3	215	6.09
250	17.2	359	9.91
350	24.1	480	13.59

Exploded view



Note: Drilling Parameters given are guideline only