Drill King International

HADK-A600S

DTH HAMMER (SD6)



Key features

- Repair & Rebuild kits available for easy and cost effective maintenance
- High frequency design for fastest penetration rates
- Available for other common bits shanks IR and QL
- Customizable options for open hole or cased hole projects

TECHNICAL BROCHURE

Parts List (SD6)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK-A6002
2	Top Sub O-Ring	1	See Sealkit
3	Choke Set	1	HPDK-A6008
4	Check Valve	1	HPDK-A6007
5	C.V. Spring	1	HPDK-A6009
6	Spring Washer	1	HPDK-A6005
7	Make Up Ring	1	HPDK-A6006
8	Air Distributor	1	HPDK-A6010-LYT-WGT
9	Air Dis. O-Ring	1	See Sealkit
10	Cylinder	1	HPDK-A6012-LYT-WGT
11	Piston	1	HPDK-A6014-S-LYT-WGT
12	Wear Sleeve	1	HPDK-A6001
13	Snap Ring	1	HPDK-A6021
14	Bit Ret. Ring	1	HPDK-A6018-S
15	Bit Ret. O-Ring	1	See Sealkit
16	Bit Bearing	1	HPDK-A6020-S
17	Drive Sub	1	HPDK-A6022-S
	Sealkit (items 2, 9, 16)		HPDK-A60SEALKIT
	Complete Hammer		**HADK-A600S**

Dimensions & Weights

Top Sub Connection	3 ½" API REG PIN
Eff. Length (in / mm)	44.84 / 1140
OD (in / mm)	5.59 / 142
Hammer Weight (lbs / Kg)	198 / 90
Piston Weight (lbs / Kg)	41.6 / 18.7

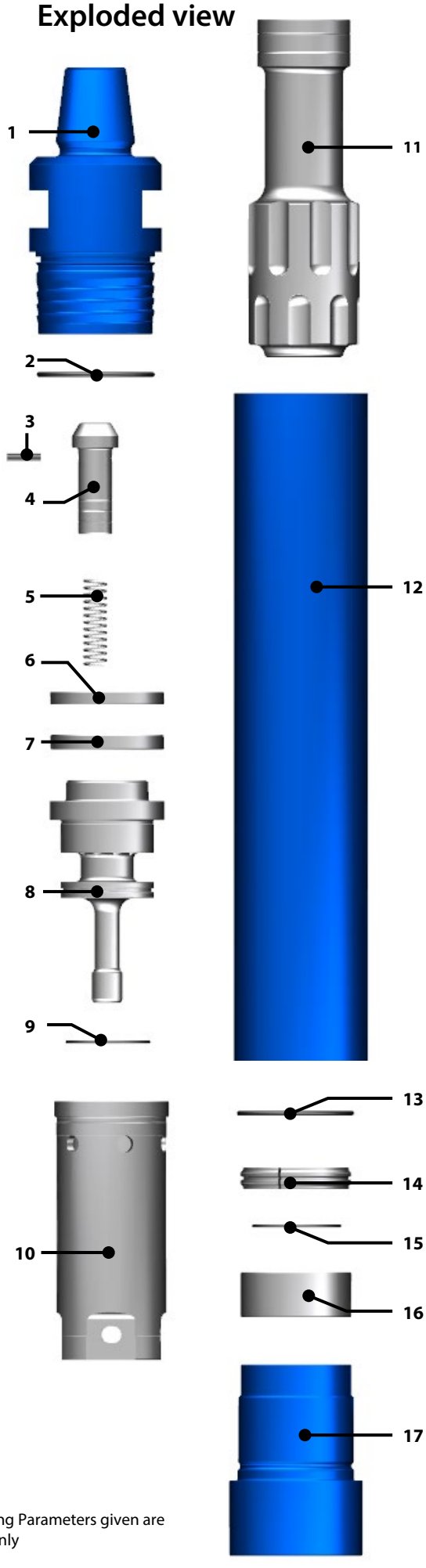
Drilling Parameters

Working Pressure (PSI / Bar)	150-350 / 10.3-24
Application Bit (in / mm)	5.87-6.75 / 149-171
Rotation Speed (RPM)	12-40
Assembly Make-Up Torque (lb·Ft / N·m)	4500/ 6100
Rotation Torque (lb·Ft / N·m)	1200 / 1630
Frequency (blows / min)	1455

Air Consumption

PSI	BAR	CFM	M^3/Min
150	10.3	348	9.84
250	17.2	532	15.04
350	24.1	720	20.4

Exploded view



Note: Drilling Parameters given are guideline only

Drill King International

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