

HADK-150

AIR HAMMER (SD15)



Key features

- SD15 Shank Design
- New Generation
- Superior Technology
- Standard bit diameters, 17" - 22" (457 - 559mm)
- Delivers more energy per blow
- Hardened piston for extended life
- Innovative design for maximum performance with minimum maintenance

Parts List (SD15)

NO	Part Name	Qty	Part Number
1	Top Sub	1	HPDK15002
2	Wear Spacer (Top)	1	HPDK15004
3	Top Sub O-Ring	1	See Sealkit
4	Check Valve	1	HPDK15007
5	C.V. Spring	1	HPDK15009
6	Choke Set	1	HPDK15008
7	Spring Washer	1	HPDK15005
8	Makeup Ring	1	HPDK15006
9	Air Distributor	1	HPDK15010
10	Air Dis. O-Ring	1	See Sealkit
11	Cylinder	1	HPDK15012
12	Piston	1	HPDK15014
13	Wear Sleeve	1	HPDK15001
14	Piston Ret. Ring	1	HPDK15017
15	Snap Ring	1	HPDK15021
16	Bit Ret. Ring	1	HPDK15018
17	Bit Ret. O Ring	1	See Sealkit
18	Bearing	1	HPDK15020
19	Wear Spacer (BTM)	1	HPDK15023
20	Chuck	1	HPDK15022
	Sealkit (Items 3, 10, 17)	1	HPDK150SEALKIT
	Complete Hammer		HADK150

Dimensions & Weights

Top Sub	8 5/8" API REG PIN
OAL (in / mm)	72 / 1829
OD Range (in / mm)	14.8 / 376
Piston Diameter (in / mm)	11.22 / 285
Stroke (in / mm)	5 / 127
Weight w/o bit (lbs / Kg)	2769 / 1256
Piston Weight (lbs / Kg)	528 / 240

Drilling Parameters

Working Pressure (PSI / Bar)	150-250 / 10.3-17.2
Application Bit (in / mm)	17-20 / 432-508
Feed Force (FT-lbs / M-Kg)	6000-10000 / 830-1383
Rotation Speed (RPM)	5-15
Rotation Torque (FT-lbs / M-Kg)	7500-9000 / 1037-1244
Frequency (blows / min)	1140

Air Consumption

PSI	BAR	CFM	CuMtr/Min
100	6.9	1050	30
150	10.3	1350	38
200	13.9	1800	51
250	17.3	2500	71

Exploded view

