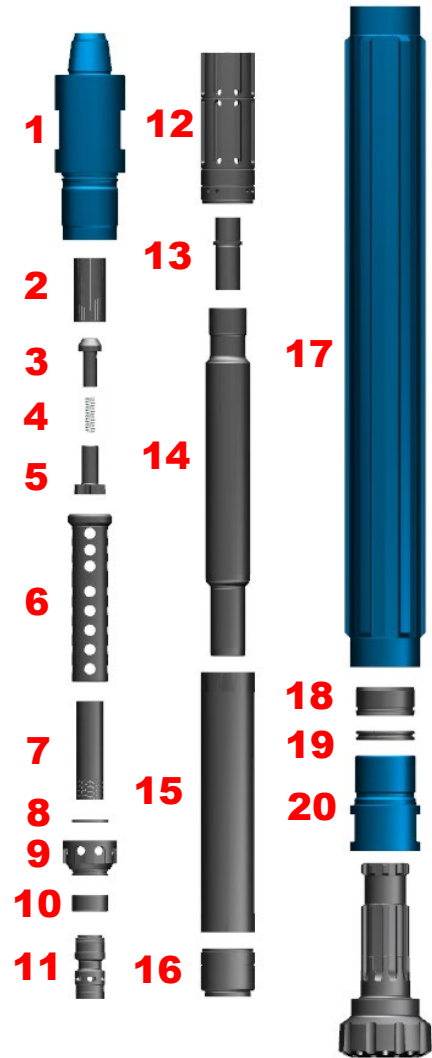


WAI 380 FLUID HAMMER OPTIONAL SIZES: (210, 251MM)

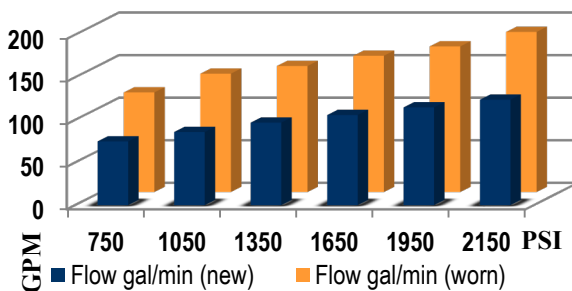
PARTS LIST

No.	NOMENCLATURE	Qty	Part Number
HAMMER ASSEMBLY (WAI-380)			HADK-W80I
1	TOP SUB	1	HPDK-W8002
2	TOP FILTER	1	HPDK-W8026-2
3	CHECK VALVE	1	HPDK-W8004
4	C.V. SPRING	1	HPDK-W8003
5	C.V. SEAT	1	HPDK-W8005
6	FILTER CAGE	1	HPDK-W8027
7	BOTTOM FILTER	1	HPDK-W8026-1
8	SPACER	1	HPDK-W8028
9	VALVE CAP	1	HPDK-W8025
10	WEAR BEARING	1	HPDK-W8024
11	VALVE	1	HPDK-W8007
12	VALVE HOUSING	1	HPDK-W8010
13	INNER TUBE	1	HPDK-W8009
14	PISTON	1	HPDK-W8014
15	CYLINDER	1	HPDK-W8012
16	PISTON BEARING	1	HPDK-W8021
17	WEAR SLEEVE	1	HPDK-W8001
18	BIT BEARING	1	HPDK-W8020
19	BIT RETAINING RING	1	HPDK-W8018
20	DRIVE SUB	1	HPDK-W8022
	SEAL KIT	1	HPDK-W80SEALKIT

SCHEMATIC



FLUID CONSUMPTION



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WAI 380 FLUID HAMMER

TECHNICAL SPECIFICATIONS

Drilling Parameters		Dimensions & Weights	
Working Pressure	750 – 2150 (PSI)	TOP SUB : 4.5" API REG PIN	
Application Bit	8.5- 10.5 (IN) (215.9266.7MM)	OAL(IN-MM)	81.92(2080.77)
Feed Force	6770 (FT-LBS)	OD RANGE (MM)	210 OR 251
Rotation Speed	25 – 50 RPM	Weight w/o Bit (lbs.)	781
Rotation Torque	2250-3700 (FT-LBS)	Piston Weight (lbs.)	114
Frequency	1780 blows/min	Consumption at Min - Max PSI	
		NEW	WORN
		75 - 125 gal/min	120 - 200 gal/min

KEY FEATURES

- 4000 Series Alloy developed using a proprietary chemistry for the longest lasting tools in the market
- Low maintenance; simple service ECO Kits for self service schedules
- Integrated stabilizing ribs for minimized hole deviation.
- Hi-frequency drilling for fastest penetration rates
- Customizable to optimize performance in open hole or cased hole projects
- Optional smooth wear sleeve or with integrated stabilizing ribs

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