

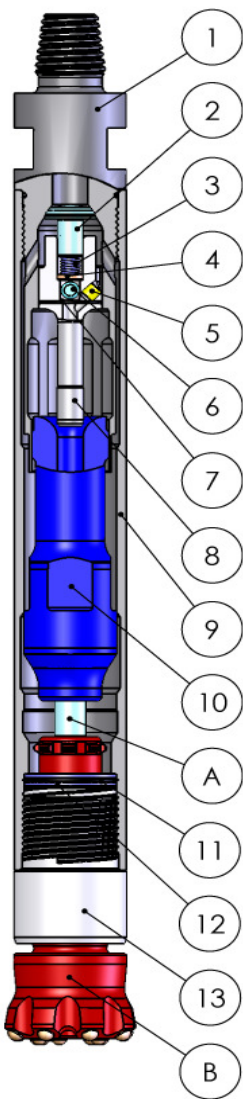


**R O C K M O R E**  
INTERNATIONAL  
*Rock Drilling Tools*



**Integrated SonicFlow  
Technology**

# ROK 300-001



Patented

## Parts List

Item	Part Number	Description
	ROK 300-001	DTH Hammer, 300, IR 3.5, 2-3/8" API Reg Pin
1	300TS-001	Top Sub, 2-3/8" API Reg Pin
2	CV-004	Check Valve
3	SP-001	Spring
4	SR-002	Spring Rest
5	CH-001	Choke
6	PN-006	Pin, 0.625" Dia, 2.40" L
7	R2-127	O-Ring, 1.424" X 0.103"
8	AG-004	Air Guide
9	300WS-001	Wear Sleeve
10	PT-009	Piston
A	BTIR35-1016	IR 3.5 Blow Tube
11	R2-135	O-Ring, 1.925" X 0.103"
12	BR-007	Bit Retainer Ring
13	300DS-001	Driver Sub
B	DTH Bit	IR 3.5 Shank

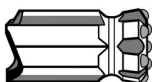
## Operating Parameters

Air Pressure	Air Consumption
10.4 Bar [150 PSI]	4.1 m3/min [145 SCFM]
17.2 Bar [250 PSI]	5.6 m3/min [199 SCFM]
24.1 Bar [350 PSI]	9.0 m3/min [318 SCFM]
Oil consumption at 24.1 Bar (350 PSI):	0.3 l/hr [0.08 gallon/hr]
Recommended rotation speed:	35 r/min to 95 r/min
Minimum diameter difference between wear sleeve and bit:	10 mm [0.39"]

## Technical Specifications

Standard Top Sub	2-3/8" API Reg Pin
Bit shank type	IR 3.5
Recommended bit diameter, mm [in]	88 to 105 [3.5 to 4.1]
Outside diameter, mm [in]	78 [3.1]
Wear sleeve discard diameter, mm [in]	71 [2.8]
Wrench flat size on Top Sub, mm [in]	64 [2.5]
Length without drill bit, mm [in]	818 [32.2]
Weight without drill bit, kg [lbs]	20.9 [46.0]

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