

## S36 IR Pneumatic Rock Drill

### DRILLING DEPTH GUIDELINES

The figures in these tables have been calculated, based on field experience, and may be reasonably expected.

Actual drilling capacity will depend on in-hole tools and conditions, drilling techniques and equipment used.

	METRIC SYSTEM	U.S. CUSTOMARY SYSTEM
<b>HOLE SIZE</b>		
<b>Nominal Diameter</b>	35 - 89 mm	1.38 - 3.5 in
<b>Nominal Length</b>	up to 46 m	up to 150 ft
<b>Reamed Diameter</b>	up to 127 mm	up to 5 in
<b>AIR REQUIREMENTS</b>		
	212 L/sec @ 7 bar	450 cfm @ 100 psi
<b>WATER REQUIREMENTS</b>		
<b>Minimum Flow (flushing)</b>	37 L/min @ 5 bar max.	10 gpm @ 70 psi max.
<b>PERCUSSION</b>		
<b>Frequency</b>	27 Hz @ 500 kPa	
<b>Bore</b>	114 mm	4.49 in
<b>Stroke</b>	86 mm	3.39 in
<b>ROTATION TORQUE (@ 120 rpm)</b>		
	320 Nm @ 500 kPa	236 ft lbs @ 73 psi
<b>SHANK OPTIONS</b>		
<b>Male</b>	R32, HM38	
<b>WEIGHT</b>		
	120 kg	265 lb

## S36 IR Pneumatic Rock Drill

	METRIC SYSTEM	U.S. CUSTOMARY SYSTEM
<b>HOSE SIZES</b>		
<b>Percussion</b>	38.1 mm	1.5 in
<b>Rotation</b>	25.4 mm	1.0 in
<b>Water</b>	19.05 mm	0.75 in

