

SECOROC KARISHMA 6 DOWN-THE-HOLE HAMMER



Designed specially for Water Well drilling application

Atlas Copco



SECOROC KARISHMA 6 DOWN-THE-HOLE HAMMER

The Karishma 6 DTH hammer is an application specific tool. This hammer offers good penetration rates, longer service life, and high level of reliability.

Design and function:

Designed to operate in 10 to 25 bar pressure range, the Karishma 6 hammer is primarily aimed for Waterwell drilling application. Three cross sectional piston provide this hammer a high level of reliability associated with longer service life.

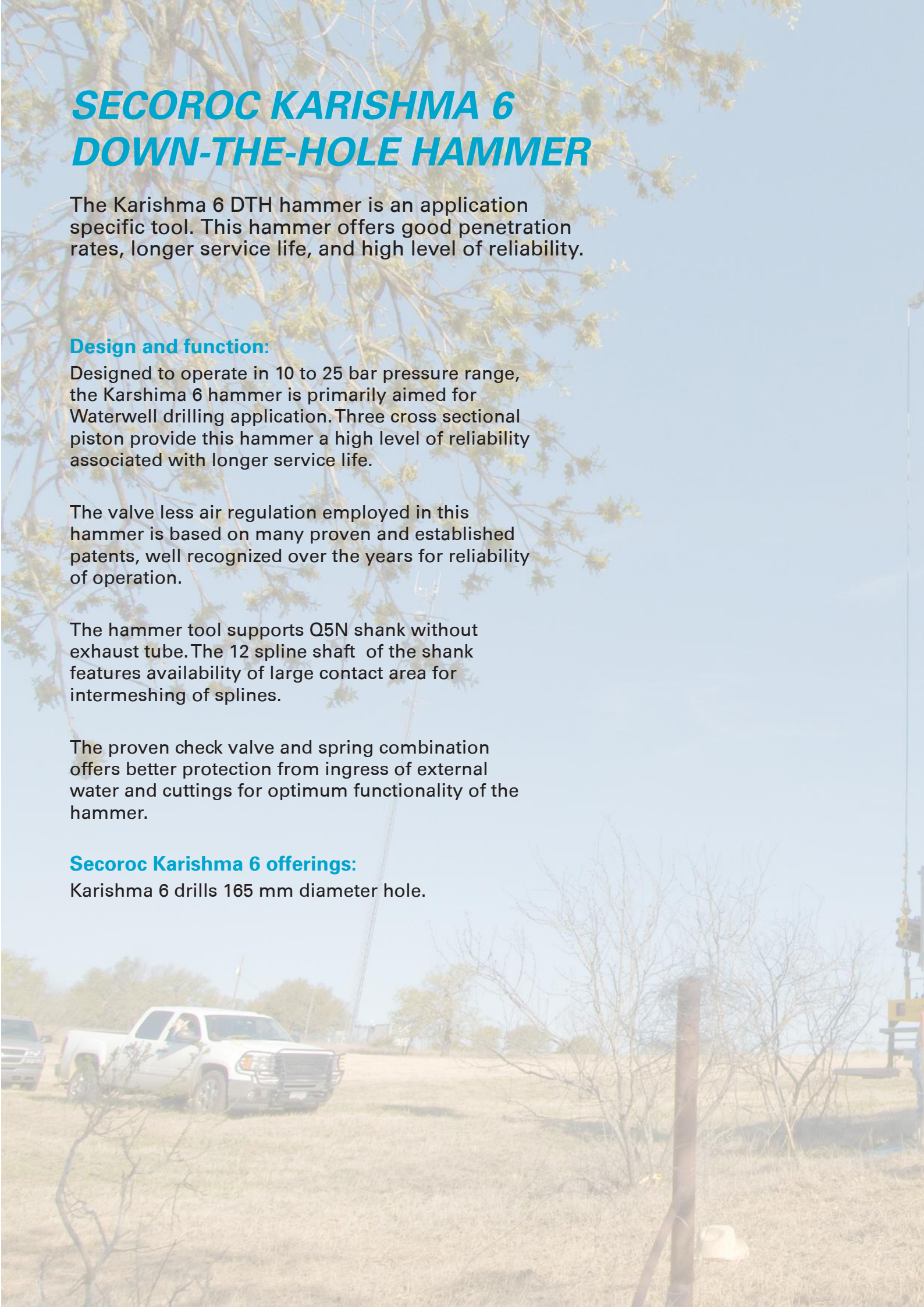
The valve less air regulation employed in this hammer is based on many proven and established patents, well recognized over the years for reliability of operation.

The hammer tool supports Q5N shank without exhaust tube. The 12 spline shaft of the shank features availability of large contact area for intermeshing of splines.

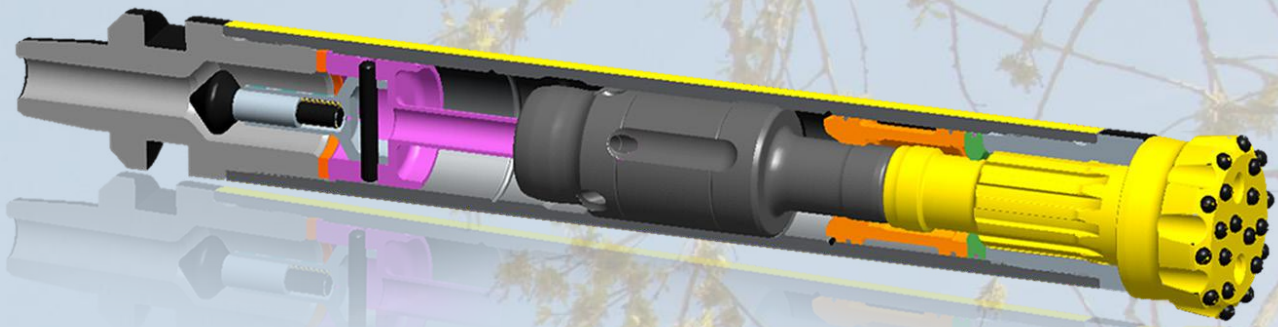
The proven check valve and spring combination offers better protection from ingress of external water and cuttings for optimum functionality of the hammer.

Secoroc Karishma 6 offerings:

Karishma 6 drills 165 mm diameter hole.



SECOROC KARISHMA 6 SPECIFICATIONS



General Specifications		
Drill pipe connection	2 7/8 in IF Pin	
Bit shank code / type	Q5N	
Length w/o bit shoulder to shoulder	998 mm	32.3 in
Length with bit extended	1131 mm	44.5 in
Length with bit retracted	1098 mm	43.2 in
Weight w/o bit	93.6 kg	206.3 lb
Backhead across flats	90 mm	3.5 in
Rec. bit size	165 mm & above	6.5 in & above
Outside diameter	148 mm	5.8 in
Piston weight	19.1 kg	42.1 lb
Maximum Operating Pressure	25 bar	362 psi

Karishma 6 Hammer		
Product no.	Product code	Connection
93501874	9706-05-79-00-H1520609	2 7/8 in IF Pin

Air Consumption	
Pressure	l/s (Scfm)
10 bar/145 psi	133 (281.8)
17 bar/246 psi	280.4 (594.1)
21 bar/304 psi	361 (764.9)
23 bar/333 psi	399 (845.4)
25 bar/362 psi	437.9 (927.9)

Bits	Product No.	Product Code	Number of button x button diameter, mm, shape	
			Gauge Buttons	Front Buttons
165 mm, Flat front	93501870	100-5165-77-1211,33-12-B1650479	10 x 16, Spherical	10 x 16, Spherical



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towards the environment and the people around us.
We make performance stand the test of time.
This is what we call – Sustainable Productivity.

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The Atlas Copco logo consists of the brand name 'Atlas Copco' in a stylized, italicized serif font. It is enclosed within a rectangular frame formed by two horizontal blue bars, one above and one below the text.