



RH560 HAMMER, NOW IN 3.5" TO 9" WHEN YOU NEED A BIGGER BANG

SANDVIK RH560 SERIES OF DTH HAMMERS



A GREAT PERFORMER

The premium Sandvik hammer arrived to the market to meet the continued demand for increased productivity through cutting edge solutions.

The mining industry continues to demand even higher levels of productivity. Performance takes president thanks to reduced handling and less downtime of the RH560 hammer.

WHY RH560?

UP TO 15% INCREASE IN PENETRATION RATE

With its enhanced air cycle and piston design, the RH560 delivers higher striking power leading to more power output. With less inside parts this hammer provides outstanding reliability.

We have simply combined the reliability of our RH460 yet keeping the simplicity of RH510. RH560 is here to stay.

NO FOOT VALVE FOR TROUBLE-FREE PERFORMANCE

In almost any ground conditions RH560 will give you higher productivity, improved reliability and better drilling economy through less air consumption. Delivers the high impact and energy transfer needed to keep you going on and on.

GREAT START WITH SMOOTH COLLARING

With an ability to build up pressure gradually, the RH560 hammer starts up smoothly allowing better and quicker collaring in any rock condition, even in complex rock formations and against uneven surfaces. Exact collaring and straight holes are prerequisites for productive drilling with maximum advance, and lower overall costs. This saves overall drilling time and reduced frustration for the driller.

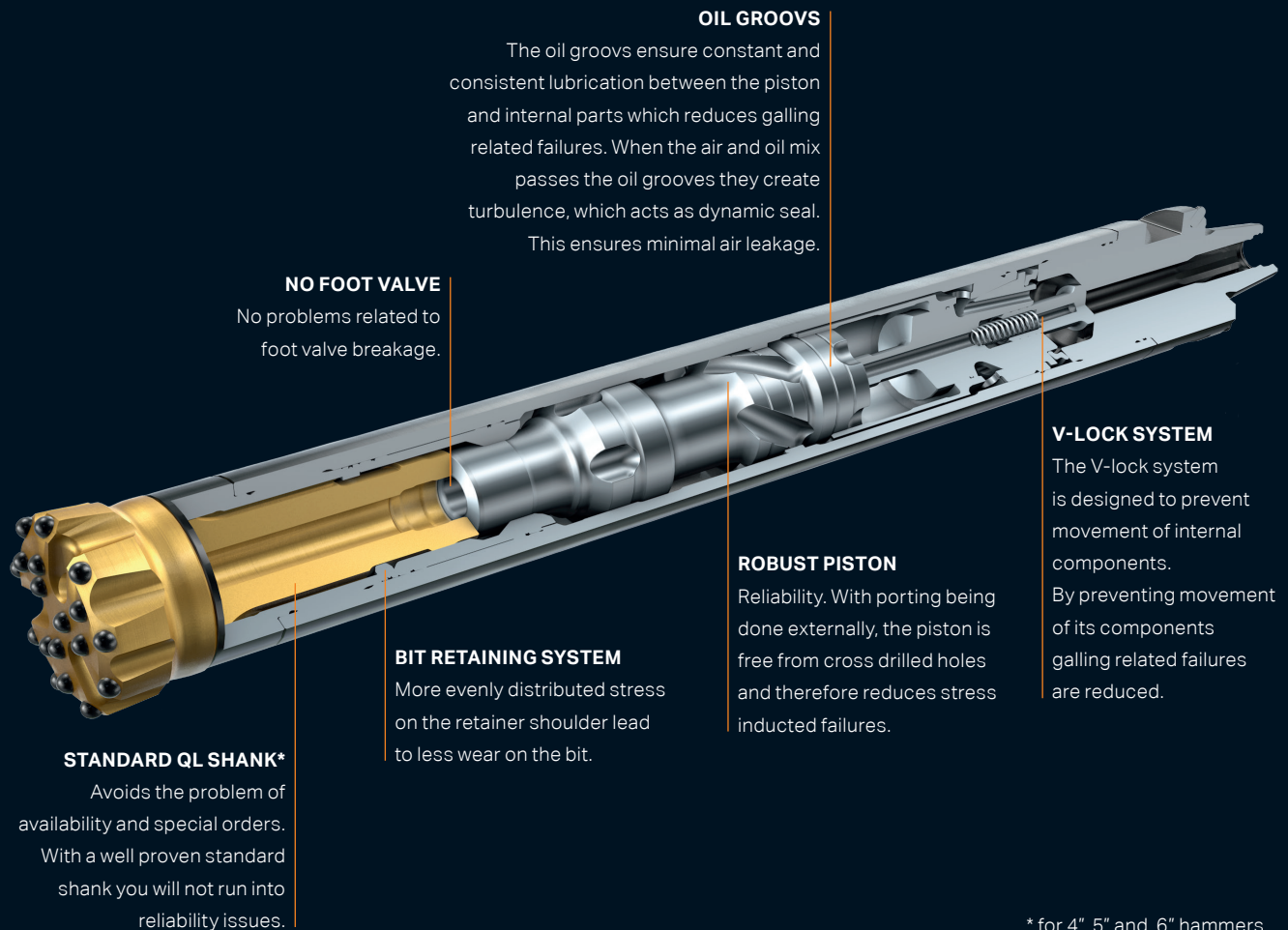
HIGHER POWER OUTPUT FOR THE SAME AIR CONSUMPTION

With a focus on optimized air cycle, the hammer improves reliability and economy through cutting air consumption, increasing power and improving lubrication. This allows for drilling bigger sized holes at the same speed as a smaller hole with a standard hammer, giving high productivity in variable ground conditions.

FEATURE	VALUE ADDED	BENEFIT
Optimized air cycle	Lower fuel consumption	Low air consumption (15% less than before)
	More responsive drilling	Faster building up of air pressure
	Up to 15% higher penetration rate	Higher frequency means more impact/minute
	Less prone of breakage	Increased power output

SUPERIOR DRILLING ACCURACY

The RH560 delivers high performance and added value to most drilling applications, thanks to the mechanical efficiency between the piston and drill bit that optimizes impact energy transmission to boost penetration rates.



OIL GROOVS

The oil grooves ensure constant and consistent lubrication between the piston and internal parts which reduces galling related failures. When the air and oil mix passes the oil grooves they create turbulence, which acts as dynamic seal. This ensures minimal air leakage.

NO FOOT VALVE

No problems related to foot valve breakage.

BIT RETAINING SYSTEM

More evenly distributed stress on the retainer shoulder lead to less wear on the bit.

STANDARD QL SHANK*

Avoids the problem of availability and special orders. With a well proven standard shank you will not run into reliability issues.

ROBUST PISTON

Reliability. With porting being done externally, the piston is free from cross drilled holes and therefore reduces stress induced failures.

V-LOCK SYSTEM

The V-lock system is designed to prevent movement of internal components. By preventing movement of its components galling related failures are reduced.

* for 4", 5" and 6" hammers

A BIG HAMMER WITH BIGGER ADVANTAGES

- ✓ Simple overall design minimizes failures
- ✓ No foot valve meaning no small parts causing unnecessary breakdowns
- ✓ Optimized piston and bit design maximizes energy transfer efficiency
- ✓ Less downtime means less handling of the hammer means less risk for injuries
- ✓ Higher penetration rate up to 15%
- ✓ Low air consumption meaning less fuel consumption yet more power

Test results and calculations are to be considered as results reached under certain and controlled conditions. These test results and calculations should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results or calculations in any or all circumstances.

