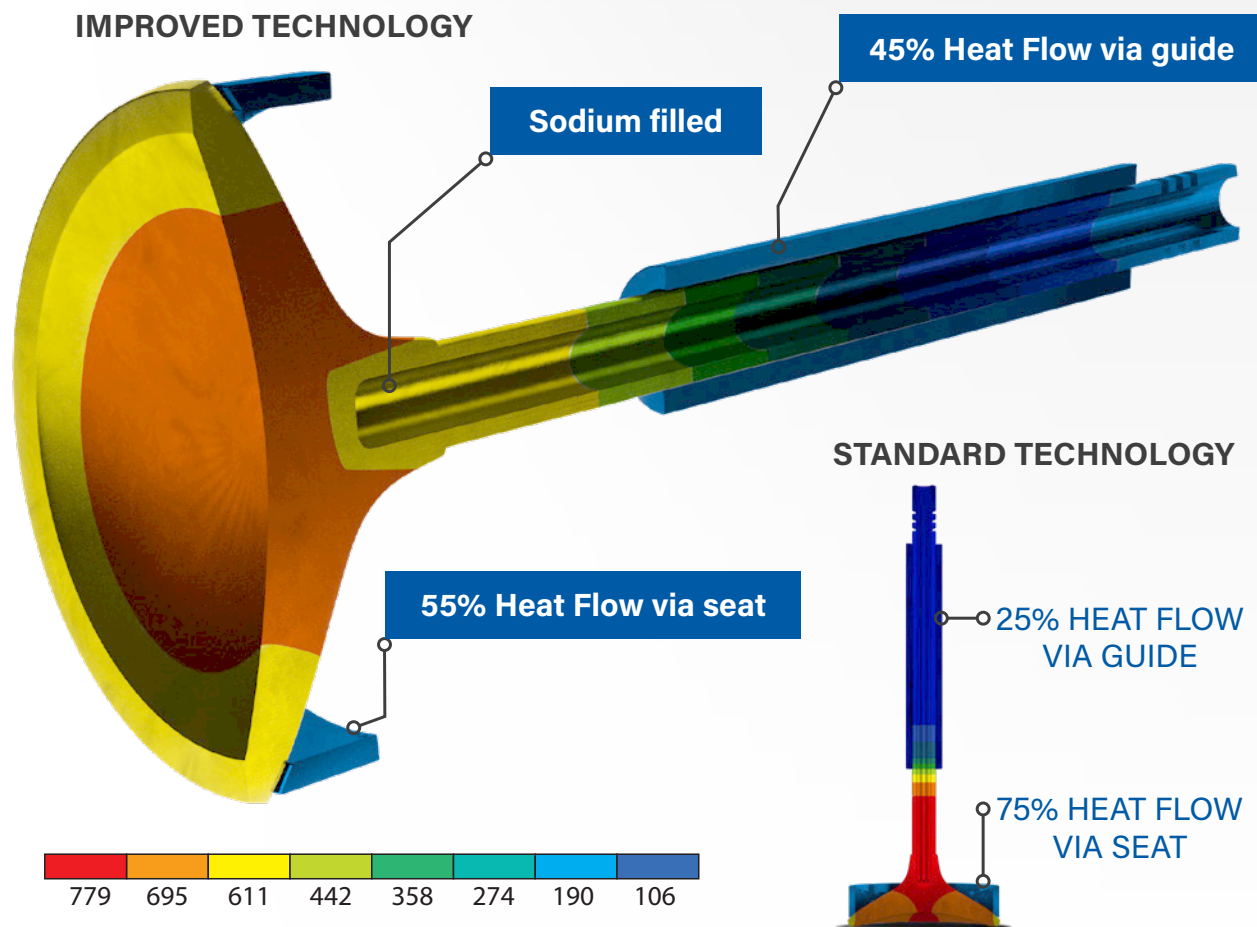




# SODIUM-FILLED HOLLOW VALVES



The heat dissipation via the valve guide is improved with sodium-filled valves, which helps to increase durability of the valve. Its hollow structure makes the valve lighter and helps reduce automotive emissions.

## TECHNOLOGY HIGHLIGHTS

- Temperature reduction in the underhead region between 80°C to 150°C
- Heat dissipation reduced from the seat and transferred through to the guide by 20%
- Weight reduction by up to 16%



ENGINE EXPERTISE

