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Rheinmetall books 100-million-euro order for divert-air valves from leading Asian automaker

An existing prior customer has extended a contract with Rheinmetall to produce divert-air valves for various engine types. The Düsseldorf-based tech group has been supplying the automaker – one of the largest in Asia – with serially produced divert-air valves ever since 2019. The customer has now seamlessly extended the contract through to 2032, representing additional sales volume for Rheinmetall of around €100 million without value added tax.

This is the largest-single order ever booked by the Group for divert-air valves. The automaker chose a 5th generation product for its fleet of vehicles. The divert-air valves are characterised by low leakage and low weight. They can be produced at Group locations worldwide. A strong working relationship means that further orders from the automaker in this product area can be expected in future.

By briefly opening a bypass at the compressor during overrun operation, electric divert-air valves help to assure optimum performance of engines with turbochargers. This way, the turbocharger can be held at a specific rotational speed, an effective means of preventing so-called ‘pumping’, resulting in sustained improvement in noise behaviour, engine dynamics and the longevity of adjacent engine components. Back in 2004, Rheinmetall subsidiary Pierburg was the first company to market electric divert-air valves, more than a hundred million of which have since been installed in engines worldwide. In the meantime, a 6th generation of the component is available. In the face of steadily higher requirements, continuous optimization keeps valves from Rheinmetall smaller, lighter and more efficient than their market rivals.



These orders underscore Rheinmetall’s expertise as a competent partner of the global automotive industry throughout the entire technology chain, and not just in the e-vehicle realm but for conventionally powered cars and trucks, too. The Group’s multifaceted portfolio reflects the far-reaching technological transformation underway in different drive systems throughout the entire value-added chain. These also include stationary applications for hydrogen technology, balance-of-plant products for fuel cell vehicles, high-efficiency components for battery-operated vehicles and conventional engine technologies, as well as lightweight parts and metal-plastic composites.

► Key facts

- ▷ One of Asia’s biggest automakers extends contract with Rheinmetall
- ▷ Contract extension worth around €100 million
- ▷ Divert-air valves ordered for manufacturer’s fleet
- ▷ Largest-ever divert-air valve order

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