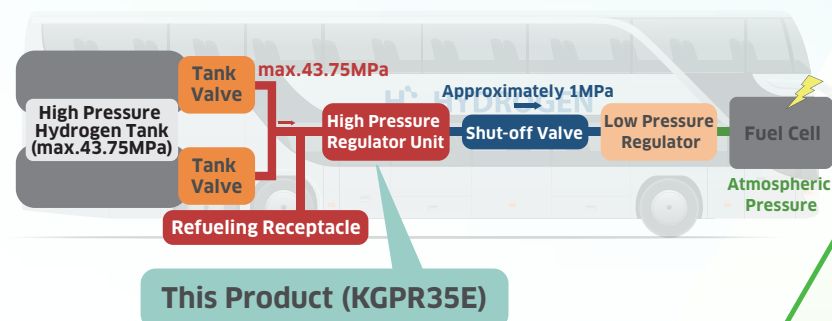


High Pressure Regulator Unit for hydrogen gas

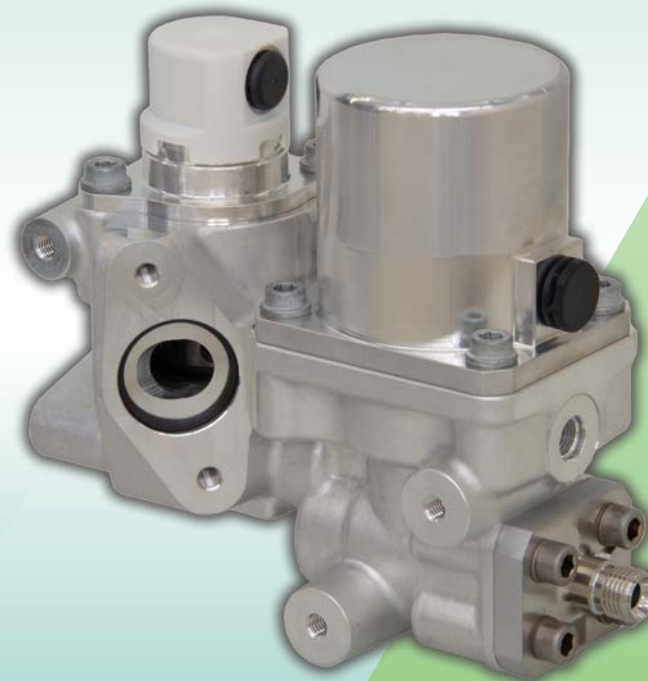
KGPR35E contributes to the achievement of Fuel Cell Buses with Zero Emissions

KGPR35E supplies the hydrogen gas to the fuel cell properly by reducing the high-pressure hydrogen gas stored in the tank to a predetermined pressure during the driving.



2024
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Kawasaki Heavy Industries, Ltd.



Product Description

KGPR35E can reduce the high-pressure hydrogen gas (maximum 700 atm) stored in the tank mounted on the FCV to a pressure close to that available for use in the fuel cell.

*fuel cell: a device that uses a chemical reaction between hydrogen and oxygen to generate electricity

Features

- Compliant with the European Chemical Substance Regulation "REACH" and the European End-of-Life Vehicle Directive "ELV"
- Space-saving and improved energy utilization efficiency contribute to longer cruising range of fuel cell vehicles
- High reliability that passes 20 year durability tests