



KOHLER®

KDH

Kohler Direct Injection Hydrogen

| Alternative Fuels

55.4 kW | 75 hp

Kohler Hydrogen Engine: where decarbonization meets boundless performance in a drop-in solution. Embrace an off-road energy revolution with the new KDH.

The only *zero* that truly matters: carbon footprint.

Kohler is developing a diesel derivative hydrogen internal combustion engine for off-road applications.

The DI hydrogen technology is being applied for the first time to the KDI 2504 TCR derivative engine, providing the same performance and design as the original diesel engine but zeroing out the carbon footprint.

Innovations and benefits

READY FOR THE FUTURE

- Zero CO₂
- Near-zero emissions with ATS

MAINTAIN DIESEL PERFORMANCE

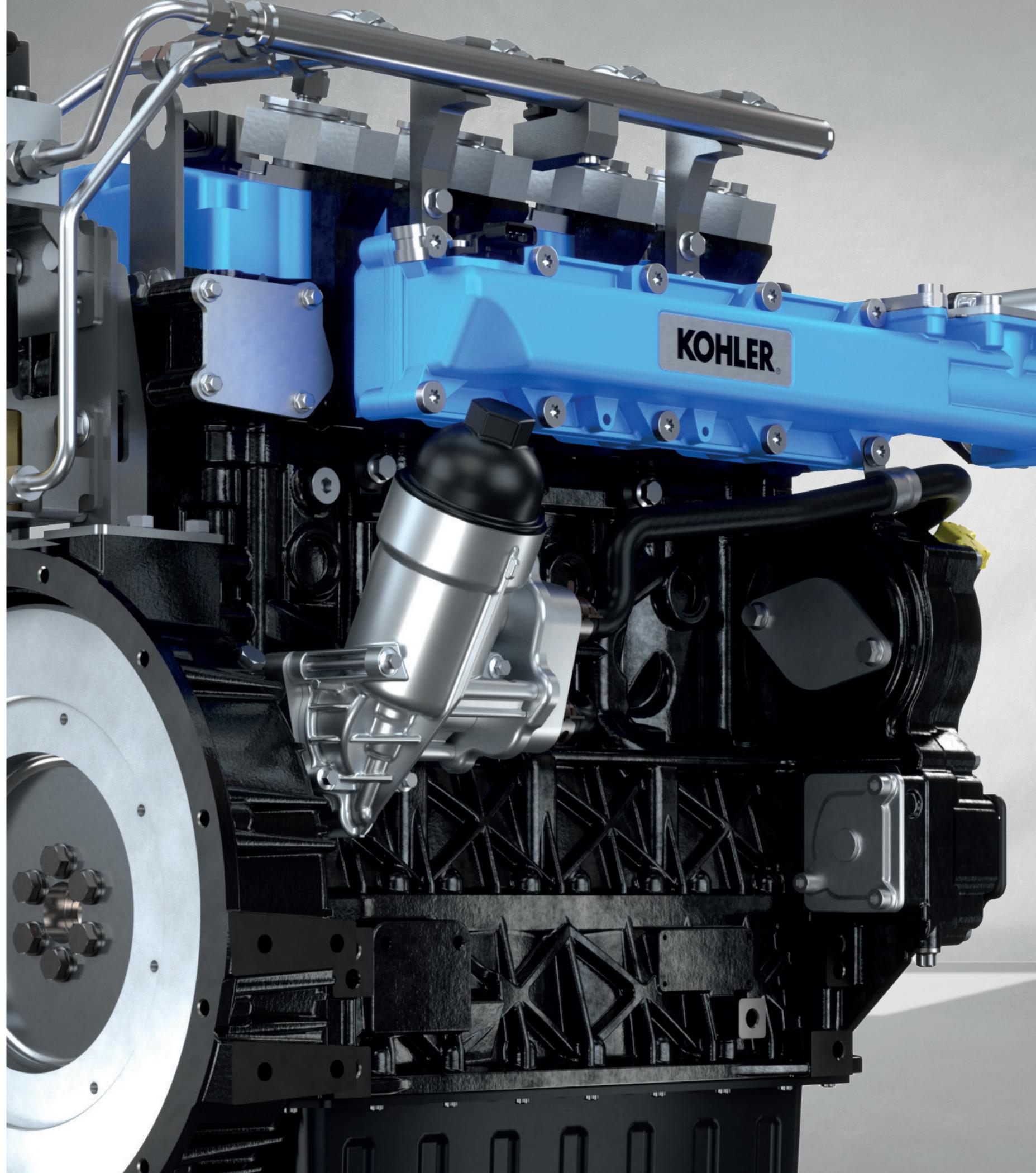
- Same max power
- Same peak and low-end torque
- Same transient response
- Same drivability

DROP-IN SOLUTION

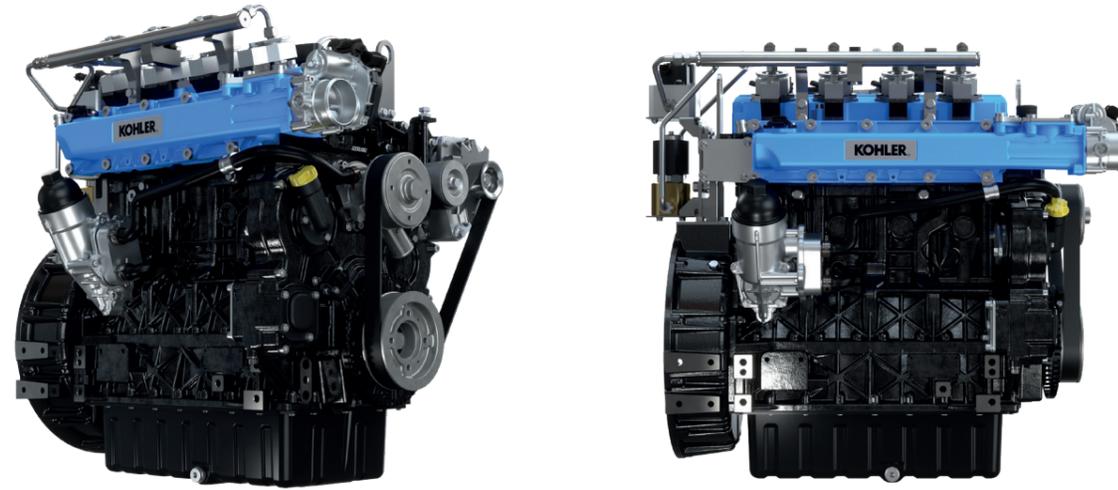
- Same diesel engine envelope
- Same in-machine installation

H₂ DIRECT INJECTION TECHNOLOGY

- Maximizes performance, thereby achieving higher productivity
- Avoids backfire problem

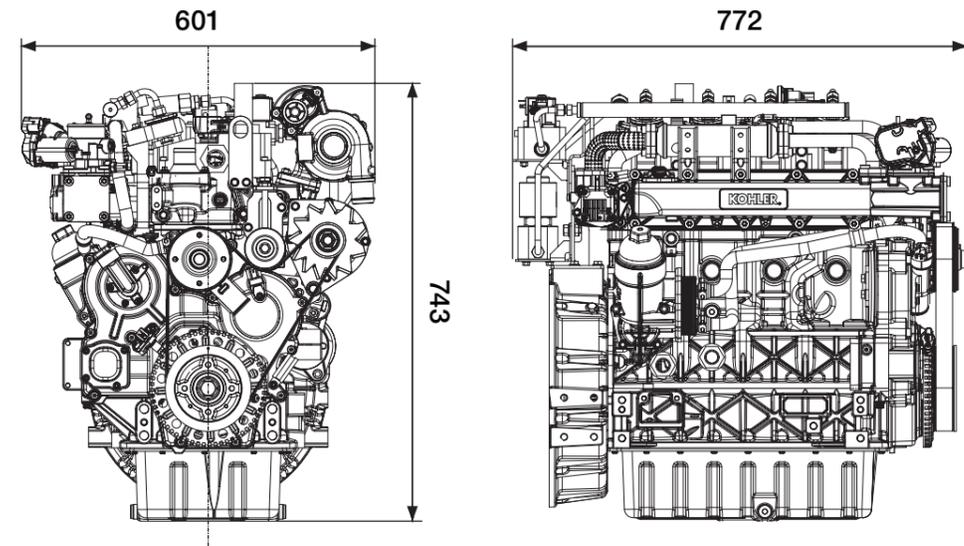


KDI 2504 Hydrogen



Data

Dimensions (mm)



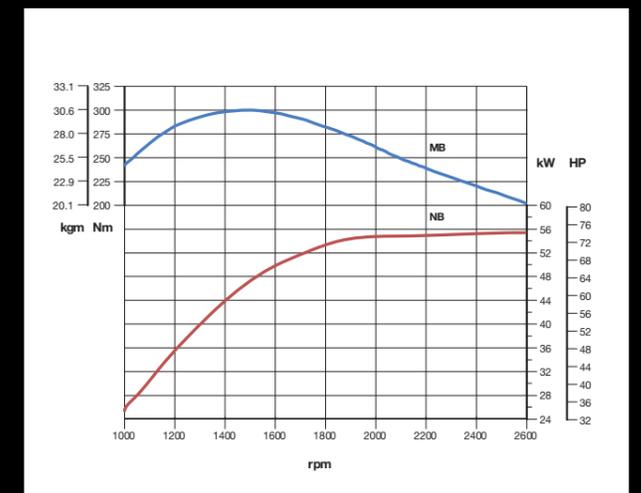
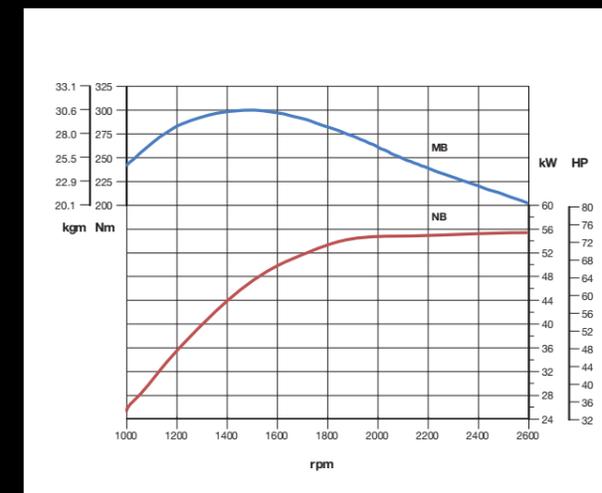
QUICK SPECIFICATIONS	KDH - HYDROGEN
CYLINDERS / FIE	4 / TURBO COMMON RAIL
MAX POWER kW (HP) @ rpm	55.4 (74) @ 2600
MAX TORQUE Nm @ rpm	315 @ 1500
EMISSION COMPLIANCE	EU STAGE V
KOHLER FLEX EMISSIONS MANAGEMENT SYSTEM	NO AFTERTREATMENT
AFTERCooler	•

Performance curves comparison

55kW @ 2600rpm

KDI 2504 TCR - Diesel Engine

KDH - Hydrogen Engine



— MB - Torque curve
— NB - Power curve

Performances measured according to ISO 14396 without final intake and exhaust line. Actual engine performances may be affected by accessories (intake and exhaust line, charging, cooling fan, etc.), application, ambient operating conditions (temperature, humidity, and altitude) and other factors.

* BASED ON THE FUTURE EMISSION NORMS

For more information, contact your KOHLER source of supply.
Kohler Co. reserves the right to make modifications without prior notice.

KOHLER®

kohlerengines.com

KOHLER CO.