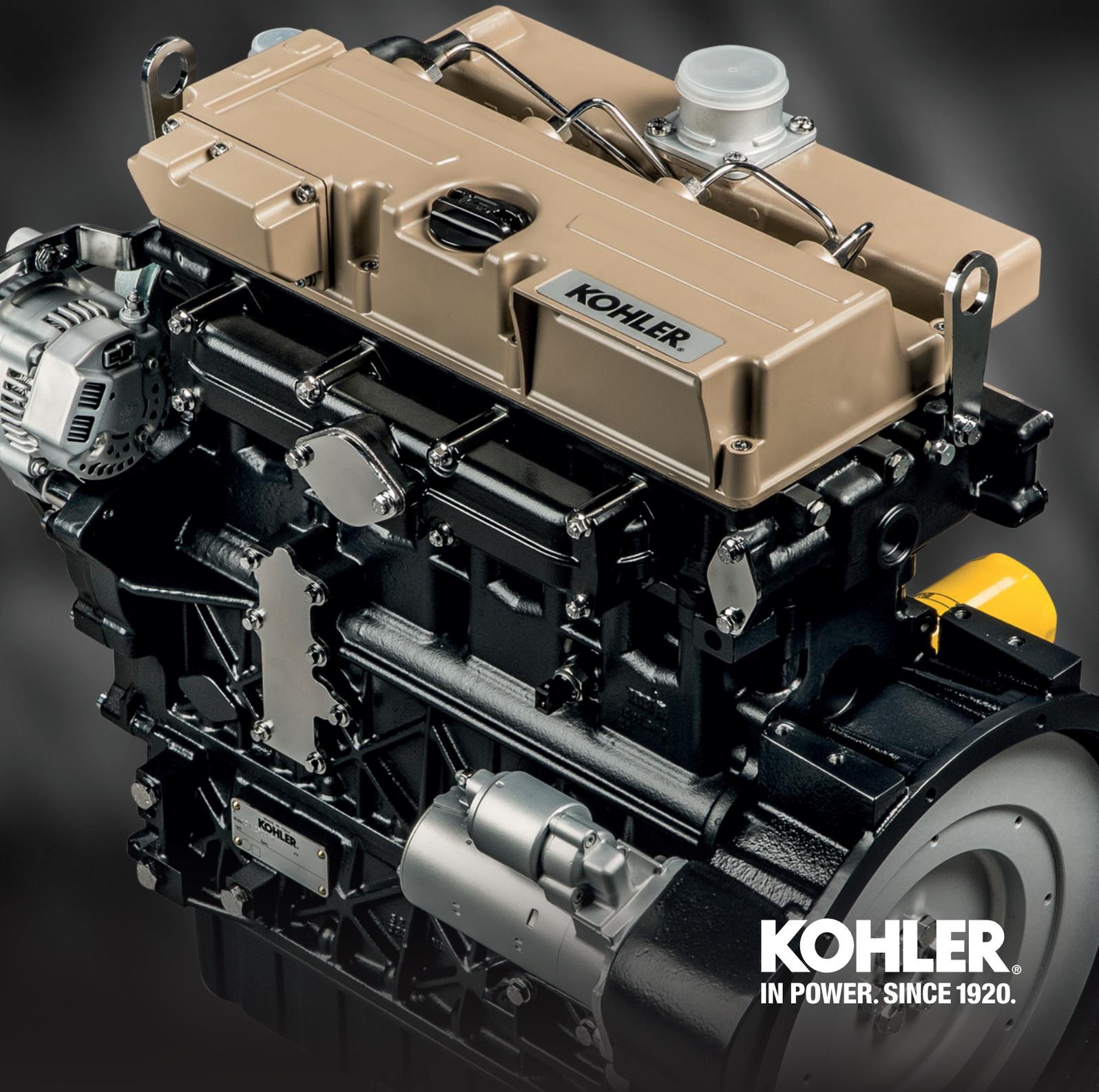


KOHLER® DIESEL KDI

Firefighting Pumps



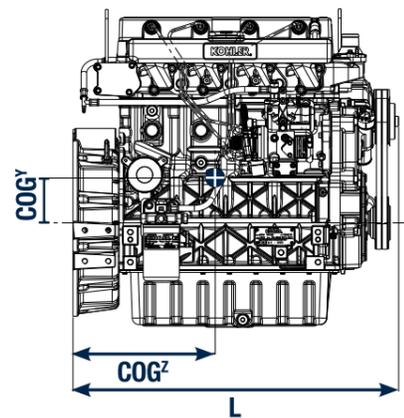
KOHLER®
IN POWER. SINCE 1920.

KDI POWER PACK

KDI1903M - KDI2504M

STANDARD EQUIPMENT BASE ENGINE*

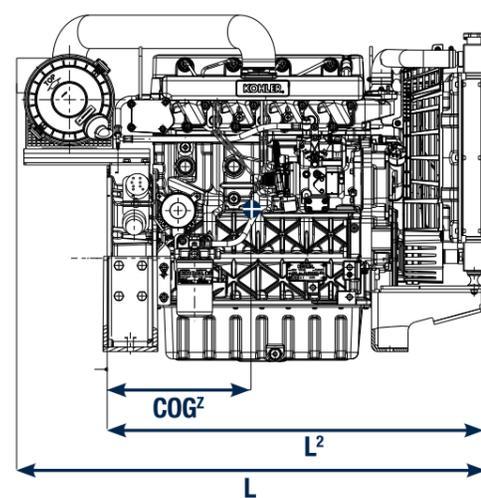
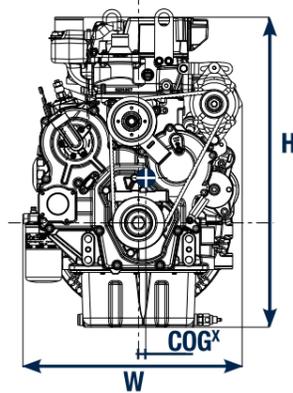
- Electrical Starter
- Reverse Electrostop valve (ETS - energyze to stop)
- Oil filter fitted on the engine
- Oil pressure switch + sender VDO
- Oil temperature sensor in the oil sump as loose
- Coolant hot temperature switch + sender VDO
- Exhaust counter-flange
- Fireproof fuel pipes
- Specific firefighting fuel filter - Fitted



BASE ENGINE*

STANDARD EQUIPMENT FOR POWER PACK VERSION

- In addition to all base engine equipment:
- Blower cooling fan
 - Fan guard - Fitted
 - Radiator - Fitted on the engine
 - Engine mounting feet on radiator side
 - Engine mounting feet on flywheel side
 - Heavy duty air cleaner - Fitted on the bell housing



POWER PACK

* Necessary version for applications where heat exchanger is required.

TECHNICAL DATA	BASE ENGINE*		POWER PACK	
	KDI1903M	KDI2504M	KDI1903M	KDI2504M
ENGINE TYPE	KDI1903M	KDI2504M	KDI1903M	KDI2504M
ENGINE SPEC.	-	-	ED466005SG00000-01	ED469006SG00000-01
N. OF CILINDER	3	4	3	4
AIR INTAKE	Natural	Natural	Natural	Natural
BORE (mm)	88	88	88	88
STROKE (mm)	102	102	102	102
ENGINE DISPL. (cm ³)	1861	2482	1861	2482
TOTAL LUBRICATION SYSTEM CAPACITY (l)	8.9	11.5	8.9	11.5
TOTAL COOLANT CAPACITY (l)	4.2	5.2	6.8	7.8
WEIGHT (incl.cooling syst.) (kg)	218	253	252	287
FLYWHEEL AND HOUSING	SAE 4/7" 1/2 flywheel housing with engine speed sensor threaded provision			
POWER				
STAND-BY POWER GROSS (kW @ rpm)**	28 @ 2.950	41 @ 2.950	28 @ 2.950	41 @ 2950
PRIME POWER GROSS (kW @ rpm)	25.2 @ 2.950	36.9 @ 2.950	25.2 @ 2.950	36.9 @ 2.950
FAN POWER CONSUMPTION (kW)	-	-	1.4	1.4
DIMENSIONS				
L - LENGHT (mm)	598	704	918	1024
L2 - LENGHT W/O AIR FILTER (mm)	-	-	720	826
H - HEIGHT (mm)	670	670	757	757
W - WIDTH (mm)	474	474	566	566
COG Center of Gravity [x,y,z] (mm)	1.4 - 104 - 252	1.9 - 109 - 305	6.5 - 100 - 262	6.5 - 105 - 315

* Necessary version for applications where heat exchanger is required.

**Engine power rated according to ISO 14396 rules, after running period in ambient conditions of 20°C and 1 Bar. Power levels drop by 1% every 100 m altitude and by 2% every 5°C above +25°C. Fuel specification EN590.

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

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