

LIQUID COOLED DIESEL ENGINES

8.6 – 47.0 kW | 11.5 – 63 hp



KOHLER®
IN POWER. SINCE 1920.

WATER COOLED DIESEL ENGINES

STANDARD EQUIPMENT

External spin-on type oil filter
Exhaust manifold
Intake manifold
Accelerator control
Electric starter motor and alternator 12V
Thermostat valve
Flywheel with ring gear
Fuel feeding mechanical pump
Coolant pump
Flanging backplate
Electric stop 12V
Glow Plug Control Unit 12V
Fuel filter engine mounted

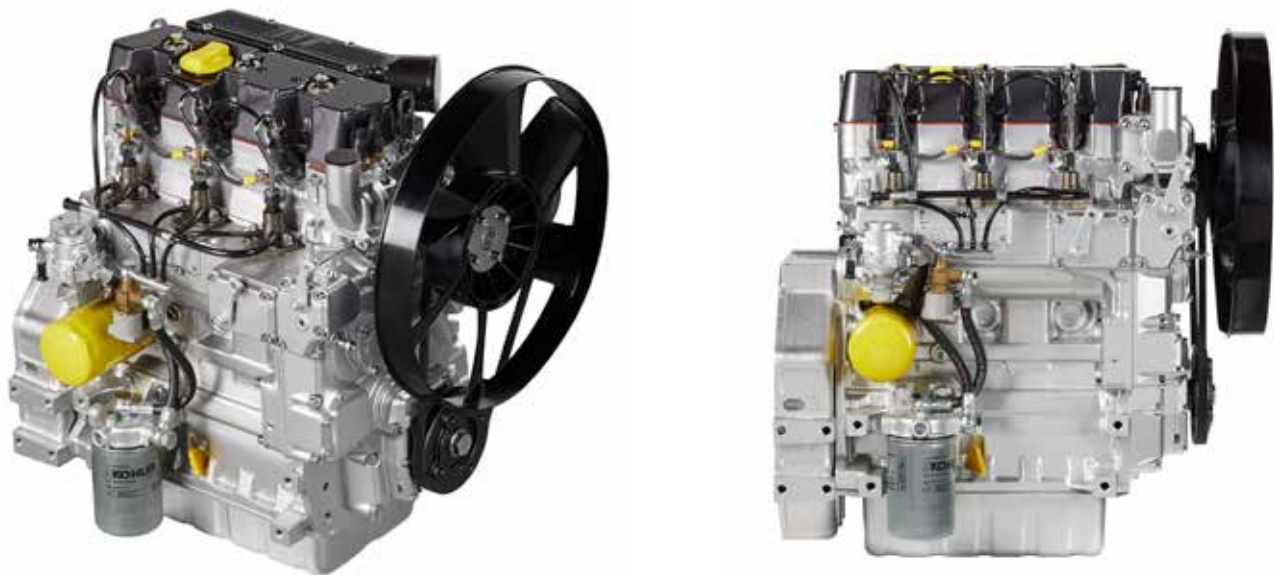


ACCESSORIES ON DEMAND

Fan guard	Silencers
Clutch flywheels	Dry type air cleaners (engine mounted or loose)
Bell housings and flywheels	Air intake cyclonic pre-cleaners
Transmission adapters	High capacity oil sumps*
Key panels 12V or 24V	Cab heating provision
Wiring harnesses	Hydraulic pump adaptors
Radiators	Vacuum pump adaptors
Pushing fan	Electric fuel feeding pump
Suction fan	24V starter motor, glow plugs and alternator
Engine feet	
Fuel tanks	

* Not on KDW502 model

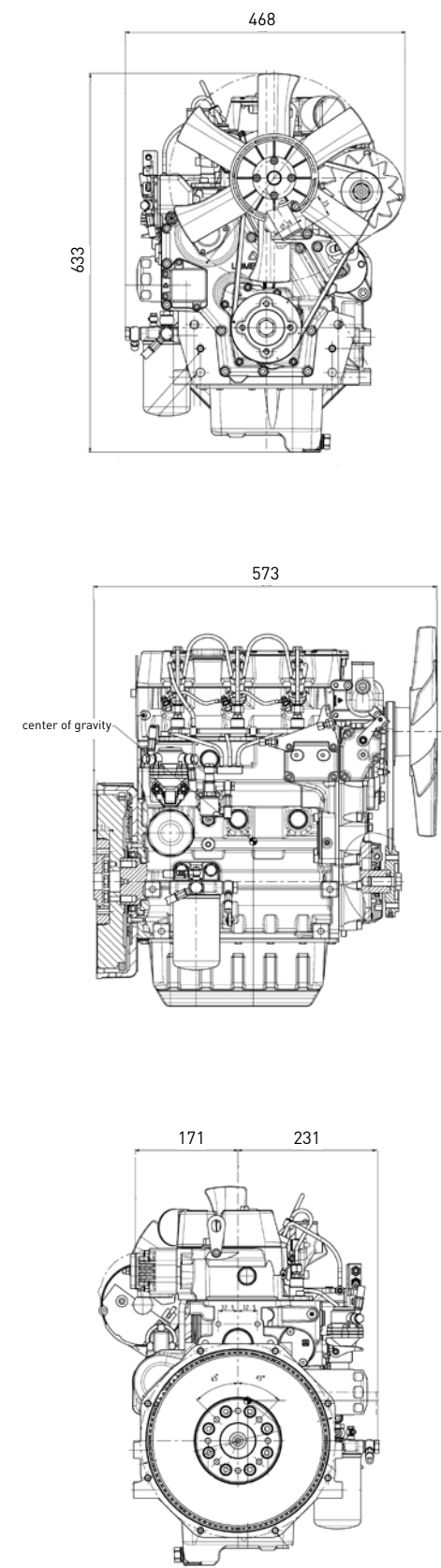
KDW
1603



Quick specifications	KDW1603 ECE R 24	KDW1603 UI30	KDW1603 E536
CYLINDERS	3	3	3
MAX POWER kW (hp)@rpm	27.6 (37.0) @ 3000	29 (38.9) @ 3000	18.8 (25.2) @ 2600
MAX TORQUE Nm@rpm	103 @ 1650	104 @ 1650	100 @ 1600
EMISSION COMPLIANCE	ECE R 24	US TIER 4 INTERIM	EU STAGE V

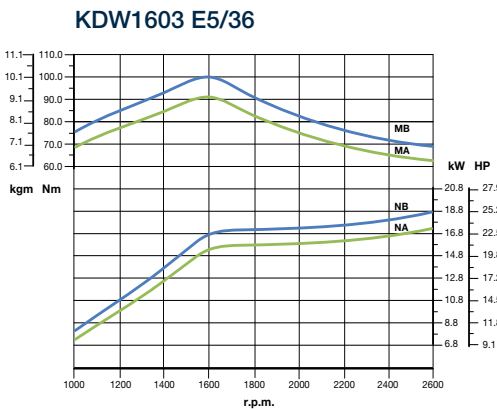
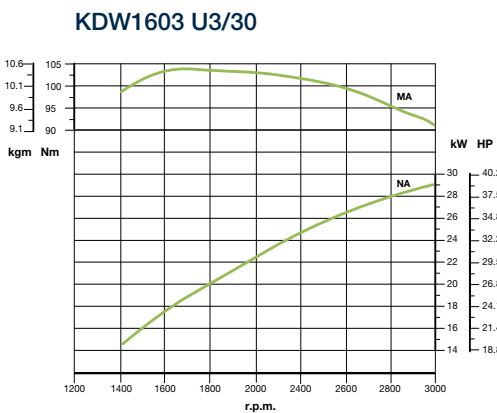
DATA

Dimensions (mm)



PERFORMANCE CURVES

(IFN-ACCORDING TO ISO 3046 and ISO14396)



- N - Power curve - 80/1269/CE E-ISO 1585
- NB - Power curve - ISO 3046/1 - IFN
- NA - Power curve - ISO 3046/1 - ICXN
- M - Torque curve- (N curve)
- MB - Torque curve - (NB curve)
- MA - Torque curve - (NA curve)

Power ratings refer to engines equipped with air filter, standard muffler, after running-in period at ambient conditions of +25°C, relative humidity 30% and 1 bar. Power drops by 1% every 100 m altitude and by 2% every 5°C above +25°C.

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