

## KD 441

- 1 cylinder
- 441 cm<sup>3</sup>
- 6.8 kW / 9.24 HP @ 3600 rpm
- 21 Nm @ 2200 rpm

### Feature

- Single cylinder silent DI engine
- Forced air-cooled
- Horizontal shaft
- Over-head valves

### Special highlights

- Aluminum crank case, hence lightweight but powerful engine
- Cast iron liner separable for easy maintenance
- External spin-on oil filter for easy maintenance
- Forced lubrication for better engine life
- Closed breather system, so no wastage of Lube Oil
- Higher power to weight ratio which makes the engine lightweight but still powerful
- Min-max governor enhanced accelerator response for quick pick-up
- Reduced vibrations due to balancer shaft for driving comfort due to less vibration
- Dust-protection for fly-wheel mounted alternator which leads to less maintenance cost
- Oil pressure sensor for better engine safety
- Lower rpm torque so lesser number of gear change during city drive
- BS III / BS IV Compliant Less Smoke



### Available homologation

- BS III / BS IV

### Main application

- Automotive 0.5 T equivalent
- LCV (Light Commercial Vehicle)

# KOHLER ENGINES

Relentless Power. Legendary Performance.

## KD 441

### Specifications

Cylinders	N.	1
Bore	mm	86
Stroke	mm	76
Swept volume	cm <sup>3</sup>	441
Compression ratio		20.5 : 1
Rpm		3600
Power kW -		
N 80/1269/EEC-ISO 1585		6.6
NB ISO 3046 - 1 IFN		6.6/9.0
NA ISO 3046 - 1 ICXN		6.2 (8.4)
Max. Torque*	Nm	21@2200
Fuel consumption**	g/kWh	273
Oil consumption	Ltr./h	0.0044
Capacity of standard oil sump	Ltr.	1.5
Recommended battery	V/Ah	12/44
Dry weight	kg	51
Combustion air volume at 3600 rpm	Ltr./min	580
Cooling air volume at 3600 rpm	Ltr./min	5500
Max. permissible driving shaft axial load in both directions	kg	200
Max. Inclination		
continuous service for up to 30 min.		25°
discontinuous service for about 1 min.		35°
performance service		***

\* Referred to N power

\*\* Referred to NB power

\*\*\* Depending on the application



# KOHLER®

## Kohler Engines

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