### Kohler® Diesel Model KDW1404

High Speed Open Power Unit

4 Cylinders » 1372 cc » 26 kW/34.9 HP » 3600 RPM » 62 ft. lbs. @ 2000 RPM

### Certification

EPA Interim TIER 4 97/68/CE

Aluminum Cylinder Head

### **Features**

4-Stroke Diesel Engine with In-Line Cylinders
Liquid-Cooled with Axial Fan
Overhead Camshaft
Indirect Fuel Injection by Unit Injectors
Double PTO on Crankshaft
Counter-Clockwise Rotation (From PTO Side)
Full-Pressure Lubrication
Full Flow Oil Filter
Water Pump Driven by Timing Belt
Automatic Extra Fuel Starting Device
Variable Speed Governor
Cast Iron Crankcase with Re-Borable Cylinders

## Applications Excavator

Power Buggy
Roller
Access Platform
Generator
Sweeper
Lawn Mower
Ride-On Concrete Trowel

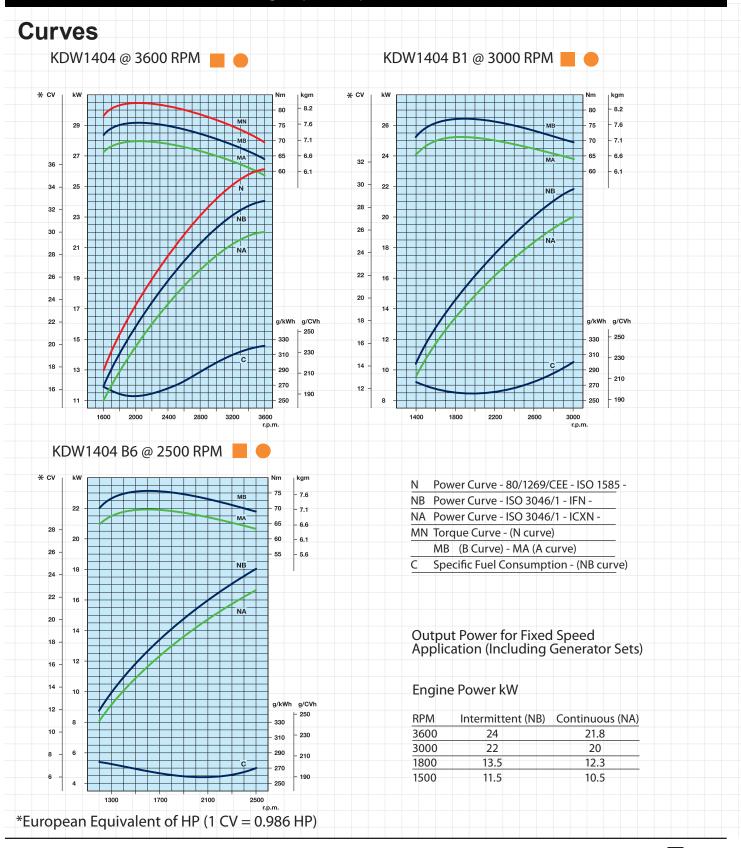


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- Cylinders - Cyli	No. of Cylinders	4
Displacement	cc/cu. in.	1372/83.7
Bore	mm/in.	75/3
itroke	mm/in.	77.6/3.1
Compression Ratio		22.8:1
Rating kW/HP	N (80/1269/CEE) ISO 1585	26/34.9
	NB ISO 3046 IFN	24.5/32.9
	NA ISO 3046 ICXN	22.4/30
Лах. Torque	N·m/ft. lbs. @ 2000 RPM	84/62
Max. Torque 3 PTO	N·m/ft. lbs.	37/27
Minimum Idling Speed RPM		900
Vater Pump Delivery @ 3600 RPM	liters/min/gpm	70/18 (~)
Dil Consumption	kgh/lbh	0.019/0.042
Dil Capacity	liters/quarts	3.3/3.5
Min. Allowable Oil Pressure	bar/psi	1.5/21.8
Max. Allowable Angle of Operation (Peak Values)		25° (35°)
/olume of Air Required for Correct Combustion @ 3600 RPM	liters/min/cfm	2470/87
/olume of Air Required for Correct Cooling @ 3600 RPM	m³/min/cfm	88/3108
Dry Weight Dry Weight	kg/lbs	140/308.6
Recommended Battery	V/Ah	12/44
	pen Field at 7 Meters - No Load dB (A) unning Engine.	
Males a All Ri	unning Engine. 80	
A D B C C  (Belt D (mm) $\geq$ 110 [L (mm) + 101] $\frac{N \text{ (kW)}}{n \text{ (RPM)}}$ Cogged D (mm) $\geq$ 72 [L (mm) + 101] $\frac{N \text{ (kW)}}{n \text{ (RPM)}}$	unning Engine.	
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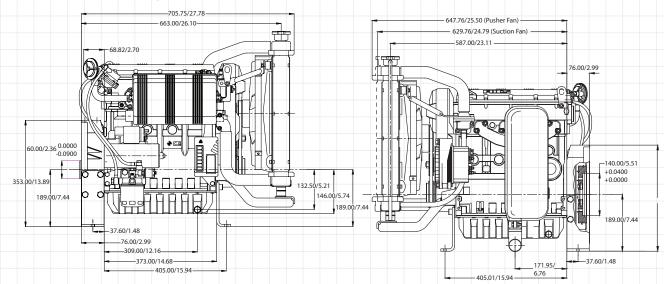
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### **Technical Drawings**

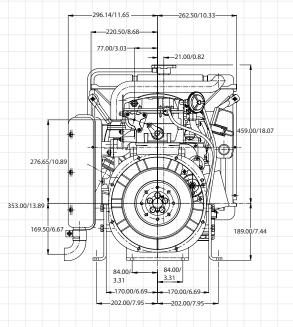


### Standard Features (Open Power Unit)

**Base Engine** Mounted Top Tank Radiator Radiator Fan Guard Suction Fan Mounted Air Cleaner Muffler and Guard 12 V Electric Starter Fuel Filter with Valve 45 Amp External Alternator Mounting Feet **Mounted Control Panel Group 8 Interchange Housing** 3600 RPM Safety Shutdown for Low Oil Pressure and High Coolant Temperature

#### **Accessories**

**SAE Housings and Drives** Shaft Extensions Hydraulic Drives **Dry Air Cleaners** Various Mufflers and Manifolds Various Muffler Guards and Flanges Remote Oil Filter Top Tank and Cross-Flow Radiators Suction and Pusher Fans High-Capacity Oil Sump Wiring Harness Extension 2nd PTO Two-Groove Pulley





**Extended Dipstick**