Kohler PA-CV980-2013 38hp Command Pro V-Twin Vertical Engine Electric Start CV38 Toro PA-ECV980-3012 GTIN N/A



Model Number: CV980-2013

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Manufacturer: Kohler

Kohler 38hp Command Pro V-Twin Vertical Engine Electric Start KOHLER ENGINE CV980-2013 TORO

Durable, Long Life Design.

Hydraulic valve lifters are oil pressurized, ensuring that push rods stay in constant contact with the rocker arms. Requiring no adjustment, the valve train is virtually maintenance-free. In addition, full-pressure lubrication delivers continuous lube to critical engine components, even at 25-degree angle of operation and optional oil cooler regulates the oil temperature extending oil-change intervals. Large capacity, in-line fuel filter provides extra protection against dirt particles that can clog fuel lines.

High Power Performance.

Overhead valve technology provides greater volumetric efficiency and a higher compression ratio. This produces more power, improved fuel economy and cooling and reduces oil consumption. In addition, there is virtually no carbon buildup, reducing overall maintenance costs. The variable speed, mechanical governor promises smooth performance, regardless of application or fluctuating demands for power.

Reliable Starting.

Kohler Command PRO® electronic ignition system generates a stronger spark at low cranking speed and Automatic Compression Release (ACR) allows compression to escape during cranking to reduce pull force.

Steambrite Supply

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User-Friendly Maintenance.

High Power Performance.

Reliability and Long Life Design.

Quiet, Smooth Operation.

Steambrite Supply

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Easy Dependable Starts.

Engine Type:

4-cycle, gasoline, OHV, cast iron cylinder liners, aluminum block

Model

Command PRO CV980

Steambrite Supply

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Max Power @3600 RPM hp (kW) 1
38 (18.7)

Displacement cu in (cc)
61 (999)

Bore in (mm)
3.5 (90)

Stroke in (mm)
3.1 (78.5)

Max Torque lbs. ft (Nm)1
59.4 (80.5)

Compression Ratio
8.8:1

Dry Weight lbs (kg)
127 (57)

Oil Capacity U.S. quarts (L)
3.1 (2.9)

Lubrication
Full pressure w/full-flow filter

Dimensions L x W x H in
25.2 x 19 x 18.5

Backpressure Limit 2
40

J1995 Power hp (kW) 3

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34.2 (25.5)

J1995 Torque lbs ft (Nm) 3
52.4 (71)

* Length is blower housing to heavy duty air cleaner. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.
1 Max Power (hp) and Max Torque (lbs ft) specifications for Kohler general purpose engines are rated pursuant to Society of Automotive Engineers (SAE) J1940 based on gross output testing performed according to SAE J1995 without the air cleaner and muffler. Actual engine power and torque are lower and affected by accessories (air cleaner, exhaust, charging, cooling, fuel pump, etc.), application, engine speed, ambient operating conditions (temperature, humidity and altitude) and other factors. This J1940 / J1995 rating provides consistent measurement to customers who may want to control the intake and exhaust features of the engine. For more information, contact Kohler Co. Engine Engineering Department. Kohler Co. reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligation.

2 Inches of H20 @ 3600 RPM WOT

3 J1995 power and torque certified by 3rd Party Witness

Kohler Videos

Owners Manual

Service Manual

http://www.smallenginesuppliers.com/shop/agora.cgi
$849
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Standard Features:
• Overhead Valve Design
• Hydraulic Valve Lifters
• Nylon Cam Gear
• Cast-Iron Cylinder Liners
• Stellite® Exhaust Valves
• Flywheel and PTO Sleeve Bearings
• Electronic Ignition
• High Performance Spark Plugs RFI and EMC Compliant
• Full Pressure Lubrication
• Top Mount Spin-On Large Capacity Oil Filter
• Large Dual Oil Drains
• Heavy Duty Canister Air Cleaner System
• High Efficiency Grass Screen and Fan
• Fixed Grass Screen Guard
• Blower Housing with Removable Cylinder Access Covers
• Easy Access Dipstick and Oil Fill-Yellow
• Oil Sentry™ (Switch Installed but Unconnected)
• Variable Speed Governor
• Top Mounted Remote Controls (for boden wire connection)
• Closed Breather System
• Two-Barrel Carburetor
• Fuel Shutdown Solenoid
• Smart-Choke™ Carburetor
• Pulse Fuel Pump
• Large Capacity In-Line Fuel Filter
• 12 Volt Solenoid Shift Starter
• 20 Amp Alternator, Regulated
• Crankshaft-1.125" (28.5 mm) Diameter x 3.16" (80 mm) PTO Length, 0.25" (6 mm) Keyway, Drilled and Tapped 1.5" (38 mm) Deep, 7/16-20 UNF
• PTO Face-10" (254 mm) Diameter, (4 Holes) M8 x 1.25
• Canister Muffler with Heat Shield, Opposite Starter Side Outlet
• Color-Black with Cast Aluminum

Steambrite Supply

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Standard Features Plus
• 3/16” Evaporative emissions connection
• SAI
• Muffler (starter side exhaust outlet)

Overview
Kohler 23hp Command Pro V-Twin Vertical Engine Electric Start 1in x 4in Shaft CV23S-75565-70231
Kohler 23 HP Command Pro V-Twin OHV Vertical Engine. Replacement for Great Dane Zero Turn Radius mower. This 23 HP peak performer features a steel-forged vertical shaft and air-cooling in a V-Twin configuration. U.S.A.

Features + Benefits

• 12V solenoid shift starter
Aluminum block
• Spin-on oil filter
Oil Sentry
• Includes muffler and exhaust manifold

Key Specs

Engine Displacement (cc)

674

Start Type

Electric

Steambrite Supply

Kohler PA-CV980-2013 38hp Command Pro V-Twin Vertical Engine Electric Start CV38 Toro PA-ECV980-3012 GTIN N/A

Application

Great Dane Zero turn radius mower

Engine Type

Command Pro V-Twin CV23 - OHV

Rated Power (HP)

23

Torque (ft./lbs.)

40.2

Displacement (cu. in.)

41.1

Shaft Output

Vertical

Shaft Diameter (in.)

1

Shaft Length (in.)

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4

Shaft End Tapped (Diameter (in.)/Threads per inch)

7/16 - 20

Shaft Rotation (From PTO Shaft Side)

Counterclockwise

Cylinders (qty.)

2

Cylinder Bore

Cast iron

Bore x Stroke (in.)

3.15 x 2.64

Compression Ratio

8.5:1

Cooling System

Air cooled

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Air Cleaner Type

Dual element air filter with foam pre-cleaner

Fuel Tank

Not included

Fuel Type

Gasoline

Fuel Pump

Pulse

Fuel Filter

In line

Oil Capacity (qt.)

2

Lubrication System

Full pressure

Ignition System

Electronic

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Kohler PA-CV980-2013 38hp Command Pro V-Twin Vertical Engine Electric Start CV38 Toro PA-ECV980-3012 GTIN N/A

Carburetor

Fuel injection

Max. RPM

3,600

Charging System Amps

20

Muffler Included

Yes

Auto Compression Release

Yes

Bolt Circle (in.)

10

Dimensions L x W x H (in.)

21 3/16 x 17 11/16 x 14 5/16

EPA/CARB Approval (California Air Resource Board)

Steambrite Supply

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Yes

Manufacturer Warranty

24 months parts / 24 months labor

Ship Weight

108.0 lbs

Item#

70231

Manufacturer Warranty: 24 months parts / 24 months labor

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Options available for Kohler PA-CV980-2013 38hp Command Pro V-Twin Vertical Engine Electric Start CV38 Toro PA-ECV980-3012 GTIN N/A :

Shipping Surcharges

Home Delivery Needs Liftgate Curb Service Because No Forklift On Site (Required) No Appointment Provided, None Commercial Address Forklift / Loading Dock On Site No Appointment Provided, Commercial Address But Needs Liftgate Service Because No Forklift or Dock on Site No Appointment Provided.

Availability: This product was added to our catalog on Saturday 27 July, 2013