Parts & Accessories > Engines > Kohler Command Pro 25hp PA-CV740 > Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A



Model Number: PA-CV742-3023

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Manufacturer: Kohler

Kohler 27hp Command Pro V-Twin Vertical Engine Electric Start PA-CV740-0011 PA-CV742-3023

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.

User-Friendly Maintenance.

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

High Power Performance.

Reliability and Long Life Design.

Quiet, Smooth Operation.

Easy Dependable Starts.

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Engine Type:

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

Model

Command PRO CV740

Max Power @3600 RPM hp (kW) 1
27 (20.1)

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Displacement cu in (cc)
44.0 (725)

Bore in (mm)
3.3 (83)

Stroke in (mm)
2.6 (67)

Max Torque lbs. ft (Nm)1
42 (56.9)

Compression Ratio
9.0:1

Dry Weight lbs (kg)
94 (43)

Oil Capacity U.S. quarts (L)
2 (1.9)

Lubrication
Full pressure w/full-flow filter

Dimensions L x W x H in
21.2 x 17.7 x 14.3

Backpressure Limit 2
50

J1995 Power hp (kW) 3
23.9 (17.8)

J1995 Torque lbs ft (Nm) 3

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

36.2 (49)

* Length is blower housing to air cleaner. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting feet.
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
-->

Standard Features:
• Overhead Valve Design
• Hydraulic Valve Lifters
• Electronic Ignition

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

• Cast-Iron Cylinder Liners
• PTO Sleeve Bearing (Side Load)
• Digital Spark Advance System (27 HP)
• Large Capacity Dual Element Air Cleaner
• Closed Breather System
• High Efficiency Grass Screen and Fan
• Stellite® Exhaust Valves
• Full Pressure Lubrication
• Large Capacity In-Line Fuel Filter
• Easy Access Fill Tube and Dipstick-Yellow
• Large Capacity Oil Filter
• Dual Oil Drain
• Oil Sentry™ (Switch Installed and Wired- Unconnected)
• Canister Muffler with Heat Shield, Oil Filter Side Outlet
• Variable Speed Governor
• High Performance Accelerator Pump Carburetor
• Fuel Shutdown Solenoid
• Smart-Choke™ Carburetor
• Pulse Fuel Pump
• High Performance Spark Plugs
• 12 Volt Solenoid Shift Starter
• 20 Amp Alternator, Regulated
•

Standard Features Plus:
• 3/16” Evaporative emissions connection

Overview
Kohler 27 HP Command Pro V-Twin OHV Vertical Engine. This 27 HP peak performer features a steel-forged vertical shaft and air-cooling in a V-Twin configuration. U.S.A.
Kohler 27hp Command Pro V-Twin Vertical Engine Electric Start 1-1/8in x 3.16in Shaft CV740S-0001-70270

Features + Benefits

- 12V solenoid shift starter
Aluminum block
- Spin-on oil filter

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Hydraulic valve lifters
• Oil Sentry
Includes muffler and exhaust manifold

Key Specs

Engine Displacement (cc)

725

Start Type

Electric

Engine Type

Command Pro V-Twin CV740 - OHV

Rated Power (HP)

27

Torque (ft./lbs.)

42

Displacement (cu. in.)

44

Shaft Output

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Vertical

Shaft Rotation (From PTO Shaft Side)

Counterclockwise

Cylinders (qty.)

2

Cylinder Bore

Cast iron

Bore x Stroke (in.)

3.30 x 2.60

Compression Ratio

9.0:1

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Cooling System

Air cooled

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

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Ignition System

Electronic

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.)

Steambrite Supply

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

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

EPA/CARB Approval (California Air Resource Board)

Yes

Manufacturer Warranty

24 months parts / 24 months labor

Ship Weight

108.0 lbs

Item#

Manufacturer Warranty: 24 months parts / 24 months labor

$2,299.99
https://arlingtonpower.com/products/kohler-pa-cv742-3023-1-1-8-x-3-34-crank-vertical-ele-start-25hp?srsltid=AfmBOops_tnAAm0QsR62u_VhUHSrtuJwm-An5mQwsdS2wfp7WKwSgCzX -->

Options available for Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A :

Steambrite Supply

Parts & Accessories > Engines > Kohler Command Pro 25hp PA-CV740 > Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Kohler PA-CV742-3023, 27hp Command Pro V-Twin Vertical Engine Electric Start, Replaces PA-CV740-0011, GTIN N/A

Shipping Surcharges

None Commercial Address Forklift / Loading Dock On Site No Appointment Provided, +Home Delivery Needs Liftgate Curb Service Because No Forklift On Site With Appointment Delivery Time, Commercial Address But Needs Liftgate Service Because No Forklift or Dock on Site No Appointment Provided, Residential Forklift Onsite Limited Access + Needs Appointment, Home Delivery Needs Liftgate Curb Service Because No Forklift On Site (Required) No Appointment Provided.

Availability: This product was added to our catalog on Friday 13 August, 2021

Steambrite Supply