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Model Number: ECH740-3003

Kohler PA-ECH740-3003 Command Pro EFI Horizontal Engine GTIN N/A

Manufacturer: Kohler

Kohler ECH740-3003 Command Pro EFI Horizontal Engine

27HP LPAC 1 7/16 BASIC

Overhead Valve Design

Hydraulic Valve Lifters

Cast-Iron Cylinder Liners

PTO Sleeve Bearing (Side Load)

Electronic Ignition

Large Capacity Dual Element Air Cleaner

High Efficiency Grass Screen and Fan

Closed Breather System

Stellite® Exhaust Valves

Full Pressure Lubrication

In-Line Fuel Filter

Easy Access Valve Cover Oil Fill-Yellow

Oil Level Dipstick-Yellow

Large Capacity Oil Filter, Dual Oil Drain

Oil Sentry®

Variable Speed Governor

Mechanical Fuel Pump

High Performance Spark Plugs

12 Volt Solenoid Shift Starter

Crankshaft-1.437" (36.5 mm) Diameter x

4.46" (113 mm) PTO Length, 0.375" (9.5 mm)

Keyway, Drilled and Tapped 1.5" (38 mm) Deep, 5/8-18 UNF

PTO Face-5.625" (143 mm) Diameter, (4 Holes) 3/8-16 x 0.67" (17 mm) Deep, 7.75" (197 mm) Diameter, (4 Holes) 7/16-14 x 0.83" (21 mm) Deep

7" (178 mm) Diameter Pilot

Color-Black with Cast Aluminum

Engine Controls-Key Switch and Throttle Control

Fixed Grass Screen Guard

20 Amp Alternator, Regulated

3/16" Evaporative emissions connection

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.

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Reliable Starting.  
Kohler Command PRO®; electronic ignition system generates a stronger spark at low cranking speed.  
Easy Dependable Starts.

Increased Efficiency.

Lowest Operating Cost.

Engine Type:  
4-cycle, gasoline, OHV, cast iron cylinder liners, aluminum block, electronic fuel injection

Model
Command PRO EFI ECH740
J1940 Power hp(kW) 1 25 (18.6)
Displacement cu in (cc) 45 (747)
Bore in (mm) 3.3 (83)
Stroke in (mm) 2.7 (69)
Peak Torque lbs. ft (Nm) 38.8 (52.6)

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Compression Ratio  
9.1:1

Dry Weight lbs (kg)  
108 (49)

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

Lubrication  
Full pressure w/full-flow filter

Dimensions L x W x H in  
14.8 x 18.9 x 24.5

Backpressure Limit 2  
50

J1995 Power hp (kW) 3  
24.5 (18.2)

J1995 Rated Speed (RPM)  
3600

\* Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Factory Installed on

MasterBlend: El Diablo HE Truckmount - Heat Exchanger

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*Availability: This product was added to our catalog on Friday 16 January, 2015*