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Model Number: PA-CH680-3122

Kohler 23Hp Command Pro Horizontal Engine CH23S PA-CH680-3063 Medart KS Bid-Well Corp  
Paving PA-CH680-3122 GTIN N/A

Manufacturer: Kohler

Kohler 23Hp Command V-Twin Engine Electric Start CH22.5S CH680-3063 Medart  
(KS) Bid-Well Corp. Paving

Air Intake Group 10-24-295 CH18-750

Blower Housing Group 6-24-1 (TP-2439-C)

Crankcase Group 2-24-275

Crankshaft Group 1-24-10

Cylinder Head/ Breather Group 4-24-381 CH18-750

Engine Controls Group 9-24-136 CH18-750

Exhaust Group 11-24-1

Fuel System Group 8-24-501

Identification Group 12-24-617

Ignition/ Charging Group 5-24-1248

Lubrication Group 3-24-219

Starting Group 7-24-5 CH18-750

Supersedes CH23S-76604 aka CH23-76604 23 HP CH23S Bid-Well Corp Concrete  
Paving Equipment

Kohler 23 HP PA-76604 - Uses 24 522 250 short block

Twin Cylinder, Horizontal Shaft

Cast Iron Sleeve

Cylinder Head Style: OHV

Uses 24 014 114-S Crankshaft

1-1/2" x 1/2" Splined Crankshaft, Spline has 9 Teeth

12 Volt Electric Starter with 15 Amp Stator

Oil Filter

Dual Element Air Cleaner

No muffler

No fuel tank

No Fuel Pump

Controls: Remote

Engine Mounted Key Switch

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

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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.

High Power Performance.

Reliability and Long Life Design.

Quiet, Smooth Operation.

Easy Dependable Starts.

Full pressure lubrication. 20 Amp alternator. Pulse fuel pump. Satellite exhaust valves with seat inserts and rotators. 1 7/16" X 4 29/64" shaft is drilled and tapped 5/8"-18: has 3/8" keyway. Two limited warranty.

Overhead Valve Design OHV

- Hydraulic Valve Lifters

- Cast-Iron Cylinder Liners

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- &bull; Electronic Ignition
- &bull; Large Capacity Dual Element Air Cleaner
- &bull; High Efficiency Grass Screen and Fan
- &bull; Closed Breather System
- &bull; Stellite® Exhaust Valves
- &bull; Full Pressure Lubrication
- &bull; Large Capacity In-Line Fuel Filter
- &bull; Easy Access Valve Cover Oil Fill-Yellow
- &bull; Oil Level Dipstick-Yellow
- &bull; Large Capacity Oil Filter, Dual Oil Drain
- &bull; Oil Sentry® (Switch Installed and Wired but Unconnected)
- &bull; Variable Speed Governor
- &bull; Fuel Shutdown Solenoid, Smart-Choke® Carburetor
- &bull; Mechanical Fuel Pump
- &bull; High Performance Spark Plugs
- &bull; 12 Volt Solenoid Shift Starter
- &bull; 20 Amp Alternator, Regulated
- &bull; Crankshaft-1.437" (36 mm) Diameter x 4.453" (113 mm) PTO Length, 0.375" (9.5 mm) Keyway, Drilled and Tapped 1.5" (38 mm) Deep, 5/8-18 UNF
- &bull; 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

Color Black with Cast Aluminum  
7" (178mm) Diameter Pilot  
Exact Specifications Subject To Change Without Notice  
HP rating on sticker also marketed as 22.5 Hp.

#### Standard Features Plus:

- &bull; 3/16" Evaporative Emissions Connection

#### Engine Type:

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

#### Model

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Command PRO CH680

Max Power @3600 RPM hp (kW) 1  
22.5 (16.8)

Displacement cu in (cc)  
41.1 (674)

Bore in (mm)  
3.2 (80)

Stroke in (mm)  
2.6 (67)

Max Torque lbs. ft (Nm)1  
36.8 (49.9)

Compression Ratio  
8.5:1

Dry Weight lbs (kg)  
90 (41)

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

Lubrication  
Full pressure w/full-flow filter

Dimensions L x W x H in  
14 x 17.7 x 19.0

Backpressure Limit 2

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J1995 Power hp (kW) 3  
21.5 (16)

Service Manual

Sales Brochure

Quick Reference Parts Guide

Kohler Warranty

Owners Manual

106 lbs

Kohler 22.5-23Hp Command V-Twin Engine Electric Start CH22.5S CH680-3063  
Medart (KS) Bid-Well Corp. Paving

Availability: This product was added to our catalog on Monday 02 June, 2014