

KOHLER®

PERFORMANCE
ENGINEERING

Every part, every component, every system on our engines is guided by Kohler's exclusive Performance Engineering. It's your assurance that every engine we produce will live up to and build upon the worldwide KOHLER® reputation for excellence.



KOHLER® Courage PRO® V-Twin Model Specifications

Engine Type:		Four-cycle, twin-cylinder, air-cooled, vertical shaft, gasoline, pressure lubrication with full-flow filter, aluminum head and crankcase with cast iron cylinder liner.			
Model:		SV810	SV820	SV830	SV840
*Power @ 3600 rpm	Maximum hp (kW)	20 (14.9)	23 (17.2)	25 (18.6)	27 (20.1)
Displacement	cu in (cc)	44 (725)			
Bore	in (mm)	3.3 (83)			
Stroke	in (mm)	2.6 (67)			
Peak Torque @ Maximum	ft lb (Nm)	38.4 (52.1) @ 2200 rpm	43.5 (59) @ 2200 rpm	44.8 (60.7) @ 2200 rpm	45.4 (61.5) @ 2400 rpm
Compression Ratio		9:1			
Dry Weight	lb (kg)	91 (41.3)			
Lubrication		Full-pressure lubrication with full-flow filter			
Oil Capacity w/Filters	U.S. qt (L)	2 (1.9)			
**Dimensions L x W x H	in (mm)	18.5 x 17.8 x 14.1 (471 x 451 x 358)			

*Horsepower ratings exceed Society of Automotive Engineers Small Engine Test Code J1940. Actual engine horsepower is lower and affected by, but not limited to, accessories (air cleaner, exhaust, charging, cooling, fuel pump, etc.), application, engine speed and ambient operating conditions (temperature, humidity and altitude). For more information, contact Kohler Co. Engine Engineering. Kohler reserves the right to change product specifications, designs and equipment without notice and without incurring obligation.

**Length is valve cover to end of blower housing. Width is air cleaner to opposite side. Height is mounting surface to grass screen.

Standard Features

- Overhead valve
- Electronic ignition
- Hardened crankshaft bearings
- Large filters (air, oil, fuel)
- EPA and CARB emissions-compliant
- Pressure lubrication with full-flow oil filter
- High-efficiency Gerotor™ oil pump
- High-efficiency cooling fan
- Extended oil fill
- Fast-response mechanical governor
- Foam pre-cleaner
- PTO size: 1" x 3.16"
- Aluminum alloy with cast iron liners
- Dual element/dual latch air filtration system
- Premium platinum spark plugs
- Stellite®-faced exhaust valve stems with seals
- Internally vented carburetor with Smart-Choke™
- Bendex drive starter
- Separate throttle/choke control
- In-line fuel filter
- Sound-deadening shroud and intake box
- Idle speed control
- Extended yellow dipstick handle

Popular Factory Options

- Meet EEC and Canadian RFI standards
- Oil Sentry™ automatic warning/shutdown system
- Alternate PTO's
- Unitized throttle/choke control
- Stationary guard
- Muffler

THE NEW KOHLER® Courage PRO® V-Twin 20-27 hp Engines



For more information, contact your KOHLER source of supply
Or call toll-free in the U.S. and Canada 1-800-544-2444.

Kohler Co., Kohler, Wisconsin 53044 Tel 920-457-4441 Fax 920-459-1570

KohlerEngines.com

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KOHLER®

Relentless Power.
Legendary Performance.

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KOHLER®

More features. More performance. More courage.

With their tough, commercial-duty, high-performance features, they're the Courage® engines gone PRO. And what a perfect time as consumers are demanding more from their equipment and seeking professional-grade performance on their full-featured high-end riders and ZTRs.



Large-capacity professional filters.

For longer life and better performance under tougher conditions. Serious, professional duty – 60 percent larger air and oil filters, 70 percent larger fuel filter.



Hardened crankshaft bearings.

Built extra-tough for extra protection under high-load, heavy-debris mowing conditions.



Platinum spark plugs.

For hotter, more reliable sparks; quicker starts; and less plug fouling.



Dual-latch air filtration system.

Error-proof cover won't close unless wire bale is locked in place to ensure filter is sealed correctly. Patented primary internal seal and secondary surface seal ensure air filter is sealed from all angles.



Internally vented carburetor.

Provides added protection in the dirtiest mowing conditions.

Emissions:

Certified for both EPA and California emissions standards. Precise air-to-fuel ratio for cleaner combustion with optimum horsepower and torque.

Service:

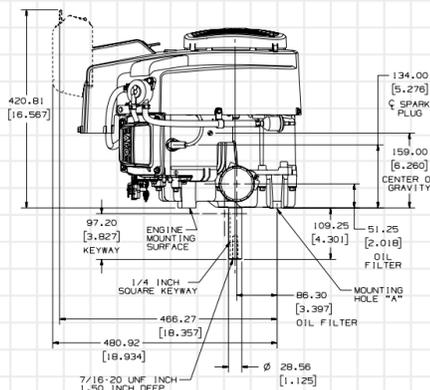
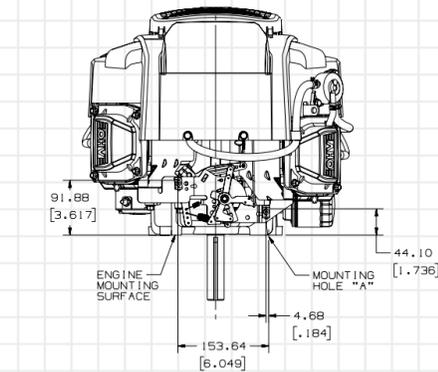
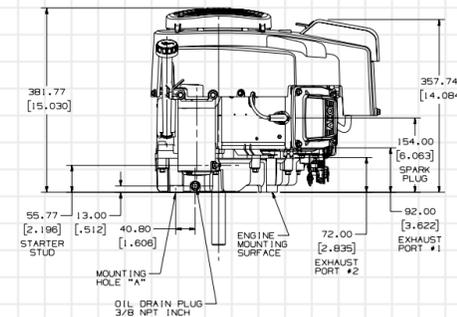
Backed by more than 13,000 dealers and distributors worldwide.

Warranty:

Two-year limited warranty covering consumer and one-year on commercial applications.

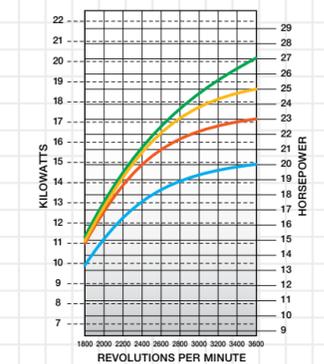
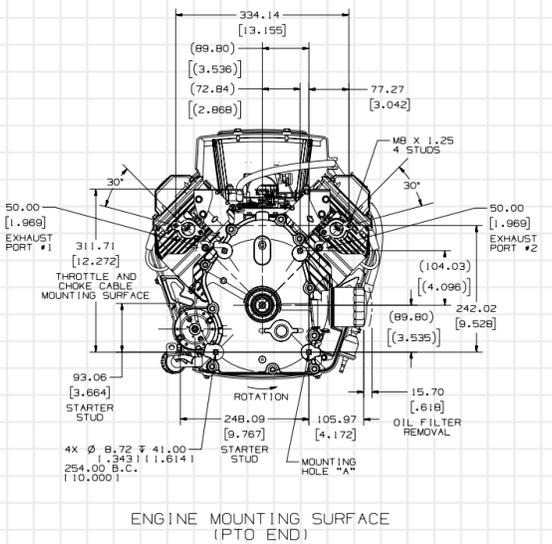
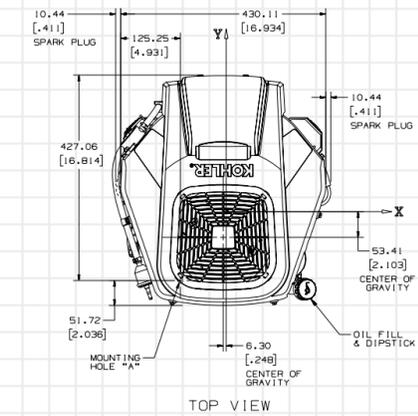
KOHLER® COURAGE® ENGINE ARCHITECTURE

20, 23, 25 and 27 hp vertical shaft engines

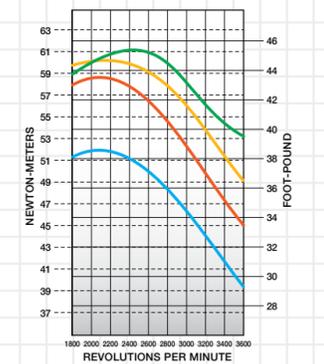


All engine views shown with optional stationary guard.

20, 23, 25 and 27 hp vertical shaft engines



Maximum Power*



Maximum Torque*

*Preliminary