

# KOHLER® Courage

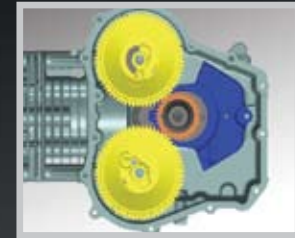
15-27 hp Engines



# KOHLER®

# KOHLER® Courage Singles

The engine that's taking the consumer lawn and garden market by storm. The KOHLER Courage® single-cylinder engine delivers more horsepower and greater displacement than any engine in its class. With patented features like a crossflow cylinder head, a dual-reciprocating balance valve, an inverted crankcase and a twin-cam design, Courage gives consumers the power and response that makes KOHLER the brand of choice for professionals.



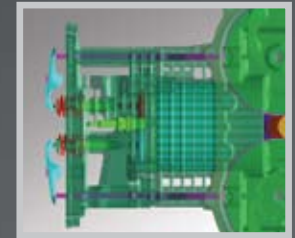
## Twin-Cam Design\*

Delivers responsive power and opens the cylinder head for superior cooling, resulting in longer life and reliability.



## Dual-Reciprocating Balance System\*

An advanced KOHLER balance system provides smooth, comfortable operation.



### Crossflow Cylinder Head\*

The twin cam separates the valve assembly, opening up the head for greater airflow and a cooler running engine. A cooler engine – with less bore distortion – offers lower oil consumption, longer life and more useable power.



### Inverted Crankcase\*

This unique configuration ensures leakproof operation.

Emissions:

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

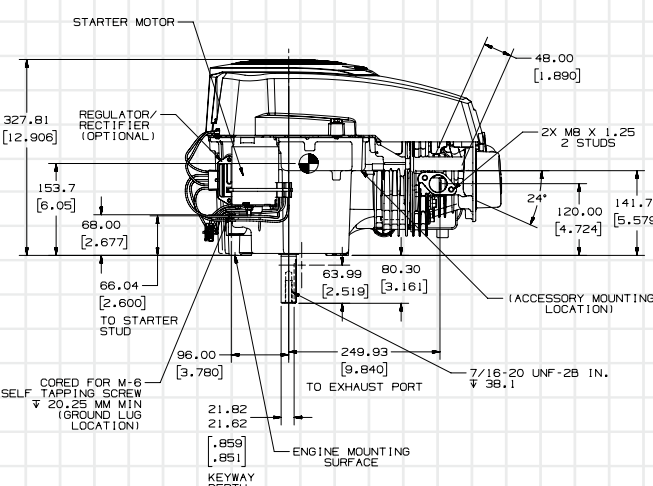
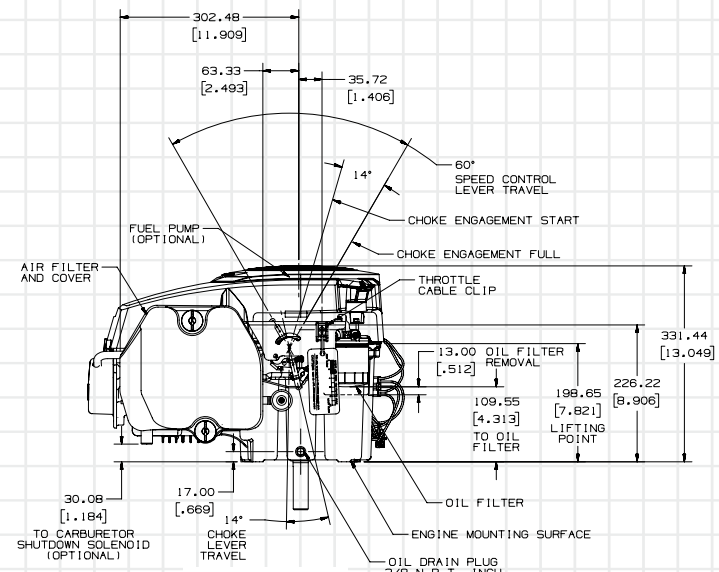
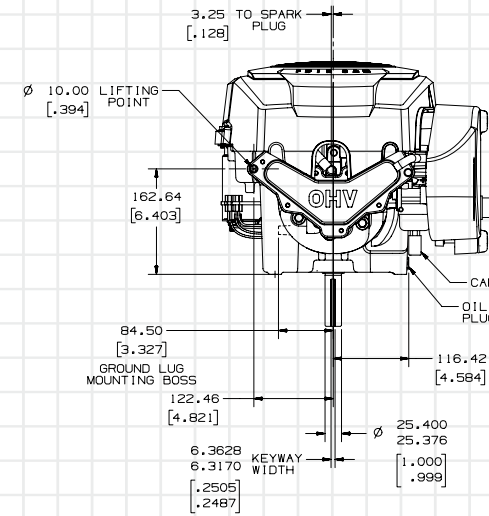
Service:

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

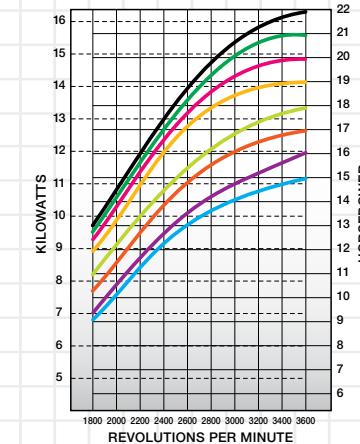
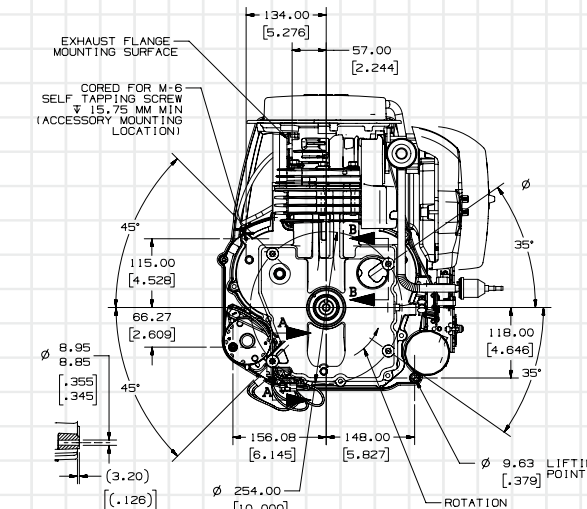
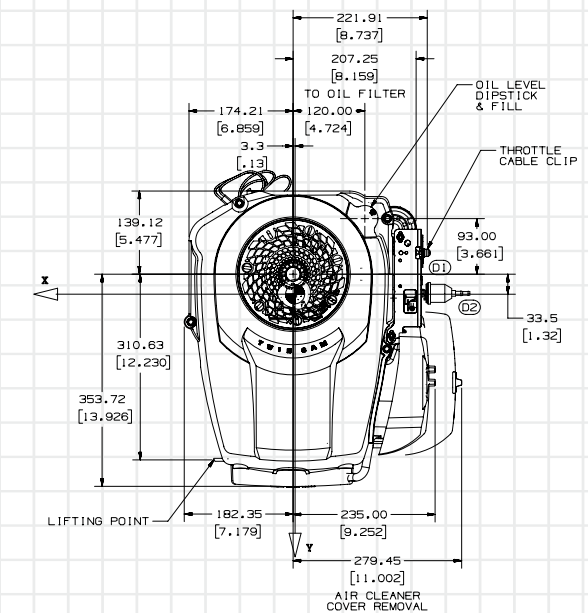
**Warranty:**

Two-year limited warranty  
covering all consumer and  
commercial applications.

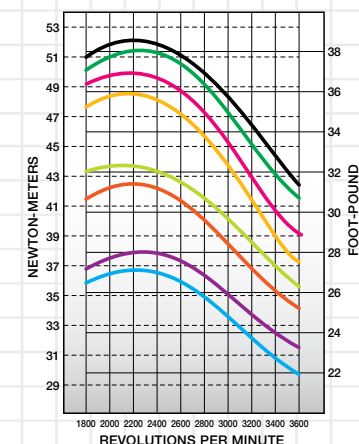
## 15 - 22 hp verticle shaft engines



## 15 - 22 hp verticle shaft engines



MAXIMUM POWER



MAXIMUM TORQUE

Engines that set the standard.





# KOHLER® Courage Twins

KOHLER – the power more professionals demand – delivers even more power for the consumer lawn and garden market. The KOHLER Courage® twin-cylinder, vertical-shaft, OHV engines from 20 to 27 hp. Power. Performance. Convenience. Just what you expect from Kohler.



Modulated cooling fan.

Delivers responsive power and opens the cylinder head for superior cooling, resulting in longer life and reliability.



High-torque inertia drive starter.

Start easy. Finish faster. KOHLER Courage twins make quick work of the most demanding tasks.



Top-mount air filter.

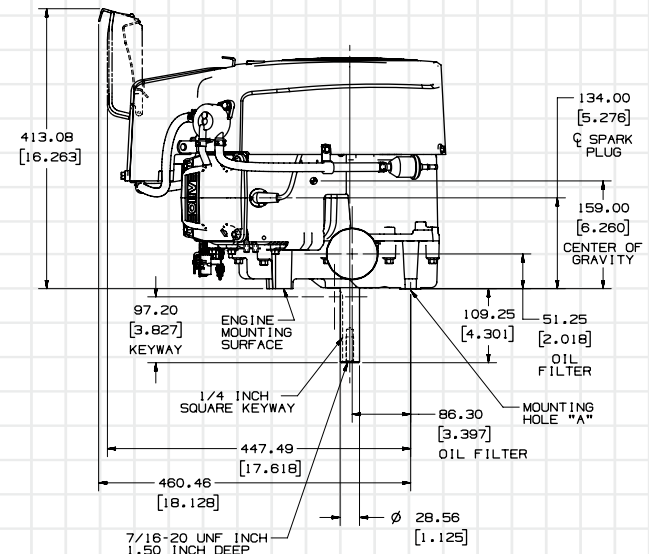
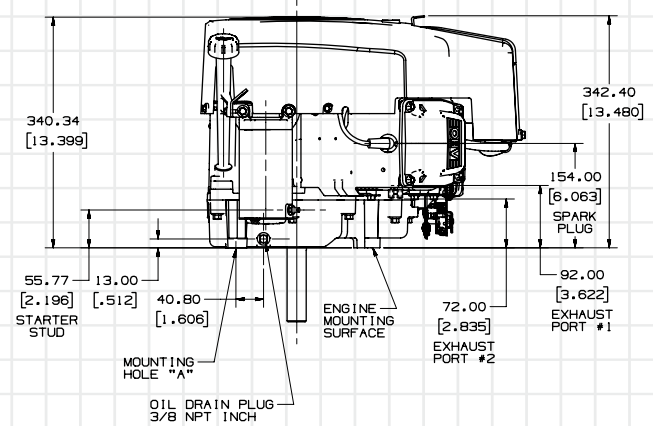
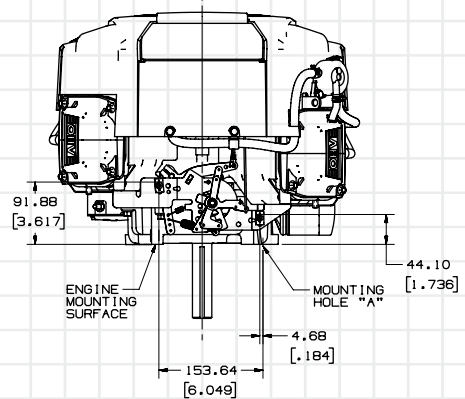
Easy-access air filter allows for quick inspection and changes.



Easy oil fill.

The oil fill and dipstick are designed with an extra wide opening for fast, no mess oil fills.

## 20, 22 - 27 hp verticle shaft engines



VALVE COVER VIEW

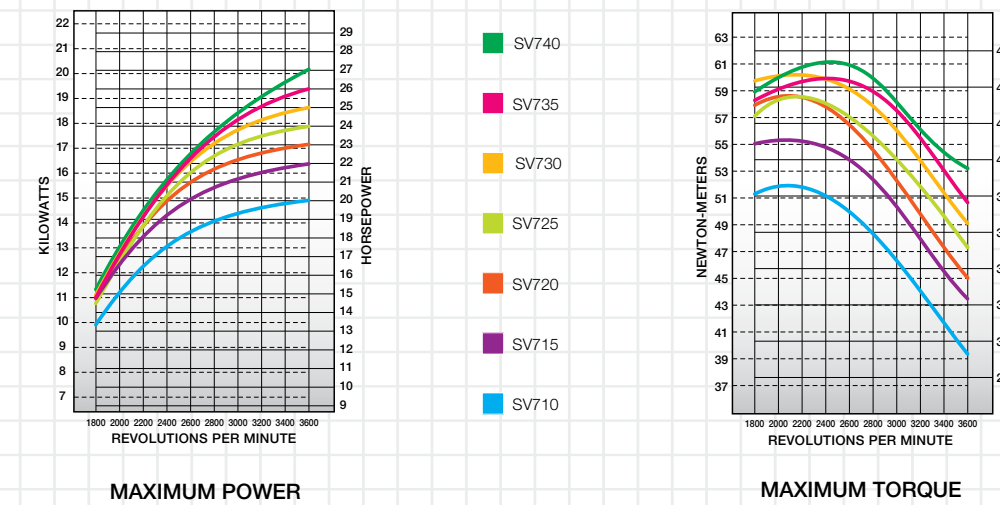
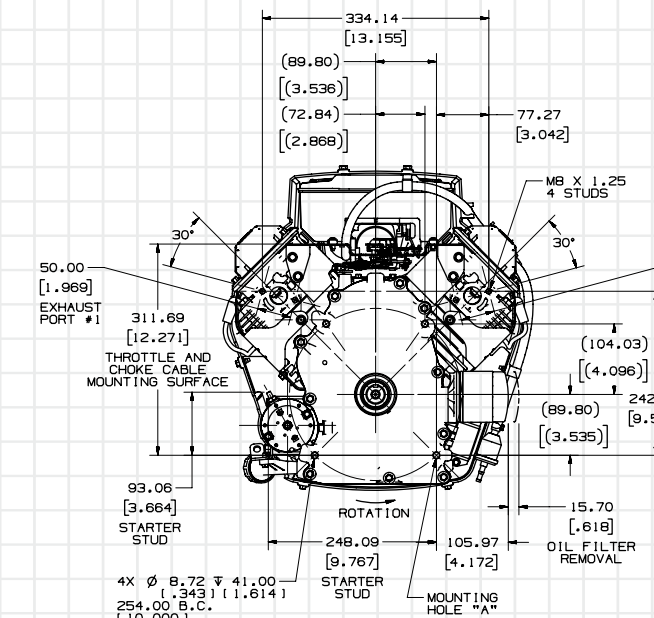
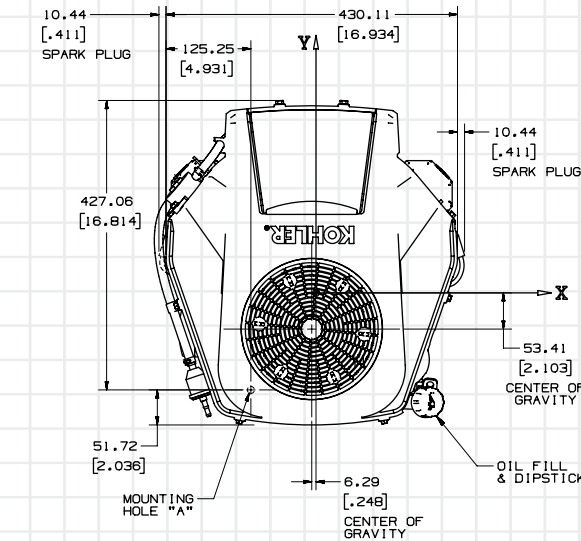
TOP VIEW

STARTER SIDE VIEW

PTO VIEW 

OIL FILTER VIEW ▲

## 20, 22 - 27 hp verticle shaft engines



The performance advantage gets bigger.



## KOHLER® Courage® Single-Cylinder Model Specifications

Engine Type		Four-cycle, single-cylinder, air-cooled, vertical shaft, gasoline, full-pressure lubrication with full-flow filter, aluminum head and crankcase with cast iron cylinder liner.							
Model		SV470	SV480	SV530	SV540	SV590	SV600	SV610	SV620
*Power @ 3600 RPM	Maximum hp (kW)	15 (11.2)	16 (11.9)	17 (12.7)	18 (13.4)	19 (14.2)	20 (14.9)	21 (15.7)	22 (16.4)
Displacement	cu in (cc)	32.6 (535)				36.4 (597)			
Bore	in (mm)	3.5 (89)				3.7 (94)			
Stroke	in (mm)	3.4 (86)							
Peak Torque @ Maximum	ft lb	27(36.6) @ 2200 rpm	27.9 (37.8) @ 2200 rpm	31.5 (42.7) @ 2200 rpm	32.1 (43.5) @ 2200 rpm	36 (48.8) @ 2200 rpm	36.9 (50.0) @ 2200 rpm	38.1 (51.6) @ 2200 rpm	38.8 (52.6) @ 2200 rpm
Compression Ratio		9.4:1				8.5:1			
Dry Weight	lb (kg)	79 (35.8)							
Oil Capacity w/Filters	U.S. qt (L)	1.6 (1.5)							
Lubrication		Full-pressure lubrication with full-flow filter							
**Dimensions L x W x H	in (mm)	19.4 x 16.4 x 12.9 (493 x 417 x 328)							

## KOHLER® Courage® Twin-Cylinder 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		SV710	SV715	SV720	SV725	SV730	SV735	SV740
*Power @ 3600 RPM	Maximum hp (kW)	20 (14.9)	22 (16.4)	23 (17.2)	24 (17.9)	25 (18.6)	26 (19.4)	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 (52.0) @ 2200 rpm	41.0 (55.6) @ 2200 rpm	43.5 (59.0) @ 2200 rpm	43.3 (58.7) @ 2200 rpm	44.8 (60.7) @ 2200 rpm	44.4 (60.2) @ 2400 rpm	45.4 (61.5) @ 2400 rpm
Compression Ratio		9:1						
Dry Weight	lb (kg)	91 (41.3)						
Oil Capacity w/Filters	U.S. qt (L)	2 (1.9)						
Lubrication		Pressure lubrication with full-flow filter						
***Dimensions L x W x H	in (mm)	18.5 x 17.8 x 13.4 (471 x 451 x 340)						

Preliminary info, subject to change.

\*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.

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



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](http://KohlerEngines.com)

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Relentless Power.  
Legendary Performance.

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