

KOHLER® Command PRO®

7-14 hp Engines



KOHLER®

KOHLER®

PERFORMANCE
ENGINEERING

Engineered to perform in the harshest environments, our patented all-season four-stage cyclonic air filter – a standard on Command PRO® 7-14 hp engines - protects the engine from airborne contaminants that can easily clog traditional air filters. Since the Quad-Clean air filter assembly isn't any heavier or bulkier than a conventional air filter, the engine's ergonomics and fuel economy aren't compromised.

How does Quad-Clean™ work?



- ① The mesh screen at the air intake port provides first step of protection.
- ② As air enters the air-cleaning chamber, it is circulated in a rapid, cyclonic motion that forces the large contaminants out of the engine.
- ③ The reusable, eco-friendly foam pre-cleaner traps midsize contaminants.
- ④ Metal mesh enforced, pleated air-filter traps the finest contaminants ensuring that only clean air enters the engine for maximum power and life of the engine.

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:

Three-year limited warranty covering all commercial applications.

What it takes to be a PRO.

KOHLER Command PRO® small horizontal engines build upon the legendary features of our Command PRO engine series like oversized mufflers, steel-forged crankshafts and advanced ignition systems. It's no wonder KOHLER® Command PRO engines are the professional standard for power and performance.



Designed for Quiet Operation.

A fully integrated system, including oversized muffler, sound-deadening alloy crankcase and silenced air intake, combine to create a smoother, quieter performance.



Engineered for Enhanced Durability.

KOHLER Command PRO engines feature steel-forged crankshafts, cast iron cylinder bores, tough Stellite®-faced exhaust valves with Tuftride®-coated stems and dual main ball bearings for maximum side load characteristics. Oil Sentry™ protects engine in low oil conditions by automatically shutting the engine down.



Efficient Ignition and Fuel System.

The KOHLER advanced ignition system reduces fuel consumption, while the large-capacity fuel tank allows for longer runs between fill-ups. Combined, these two features will save you money and time.



Dependable All-Season Operation.

In colder months the Quad-Clean™ air filter can be reconfigured, without tools and in a matter of seconds, to recycle engine heat. Along with the advanced electronic ignition, automatic compression release and dual ball bearings the Command PRO provides effortless starts in all weather and conditions.



Industry Standard Dimensions and Interchangability.

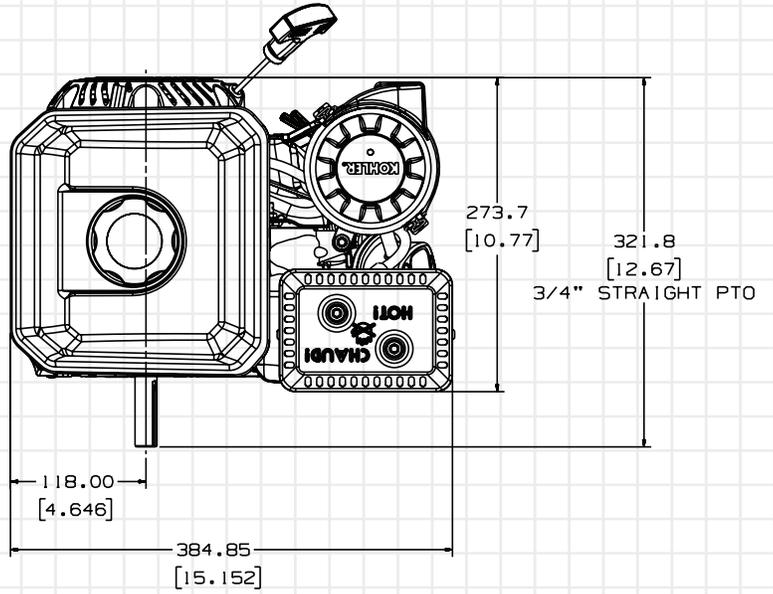
Provides flexibility to power any new equipment or repower existing equipment without modifications.



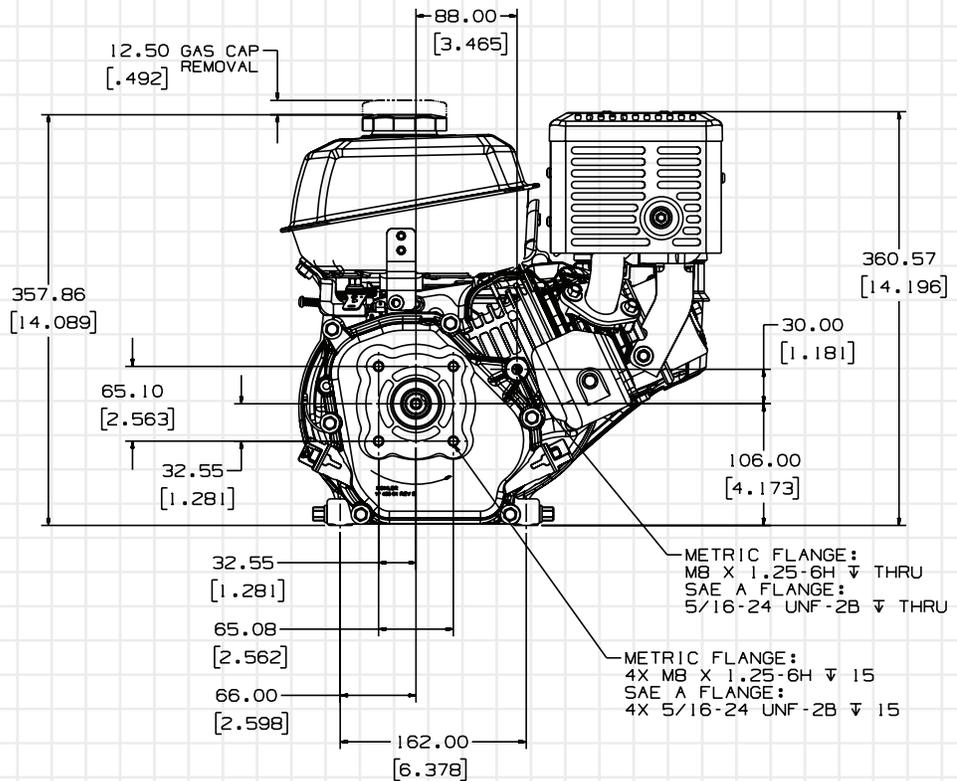
7 hp engines (CH270)

KOHLER® COMMAND PRO® ENGINE ARCHITECTURE

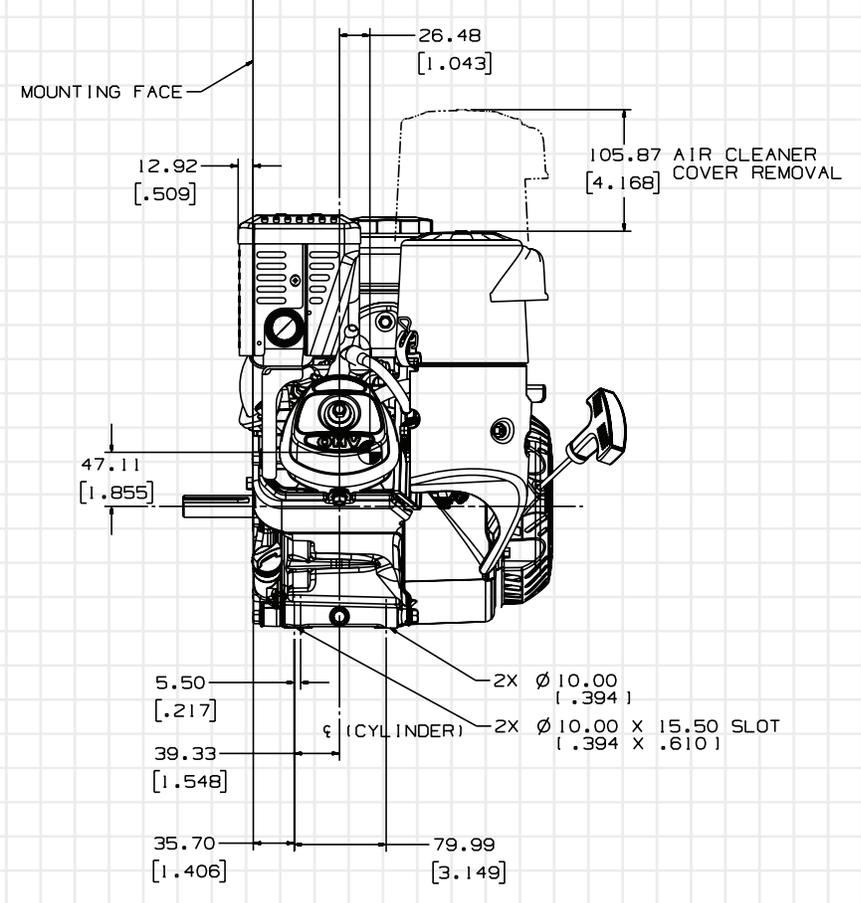
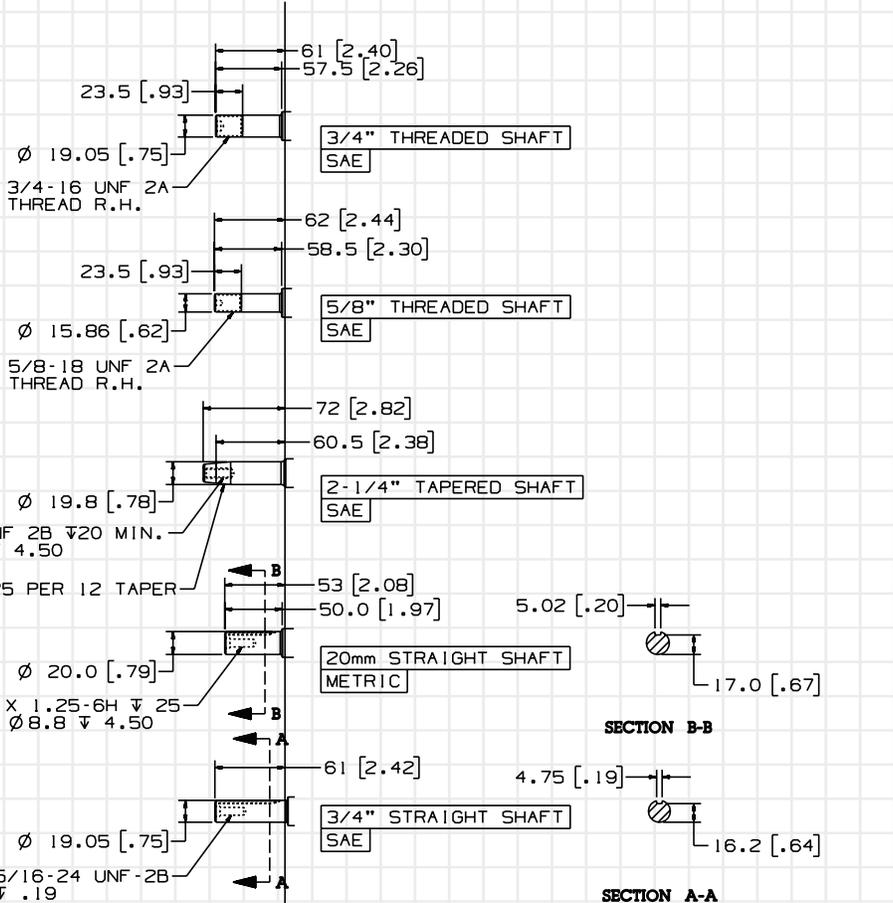
TOP VIEW ▼



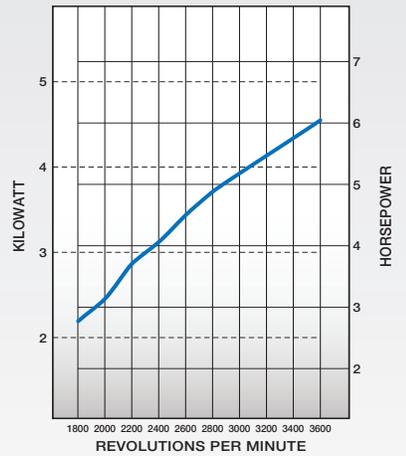
PTO VIEW ▼



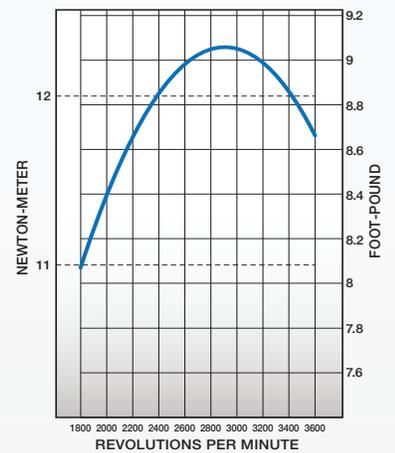
7 hp engines (CH270)



SHAFT VARIATIONS



Net Power



Net Torque

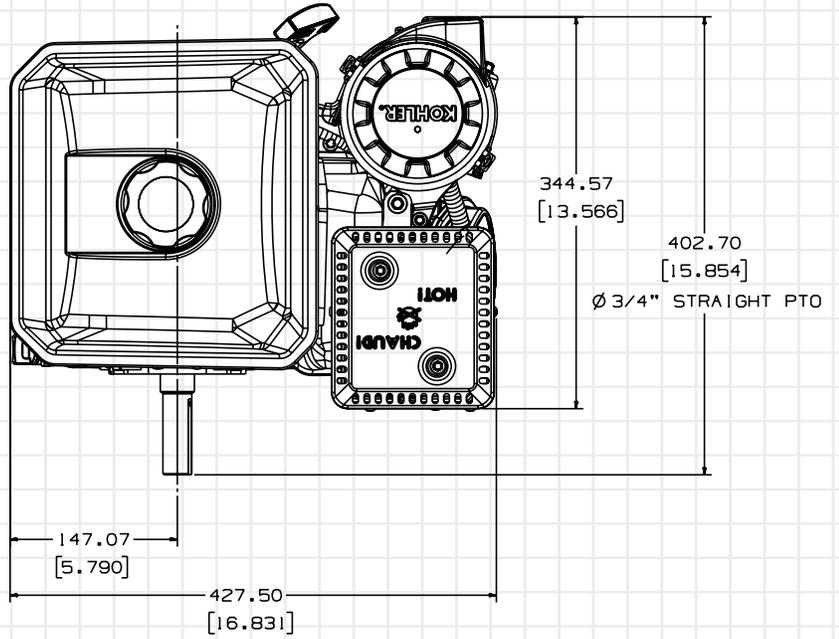
VALVE COVER VIEW



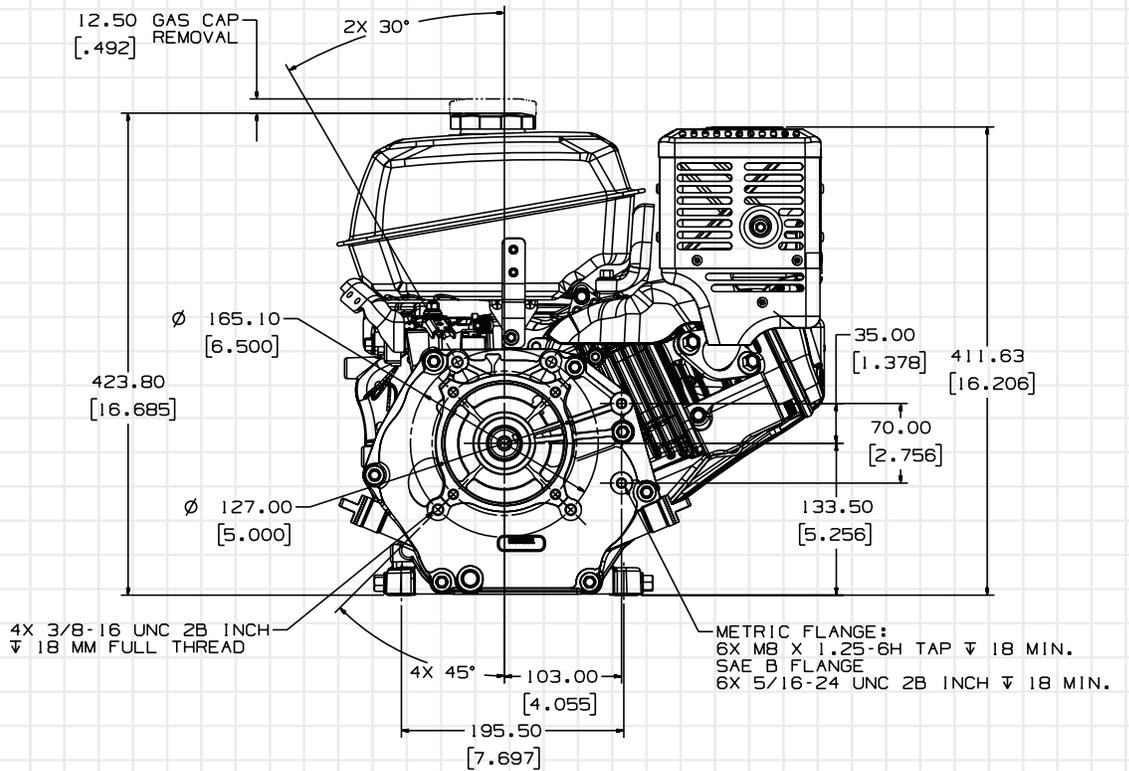
9.5 hp engines (CH395)

KOHLER® COMMAND PRO® ENGINE ARCHITECTURE

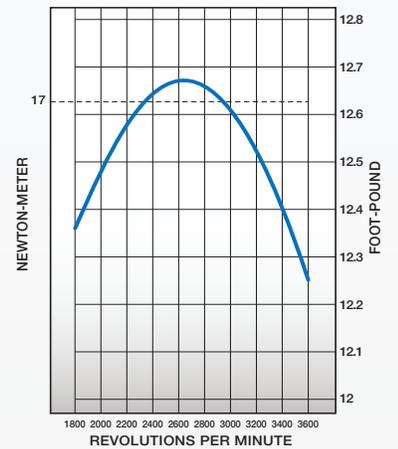
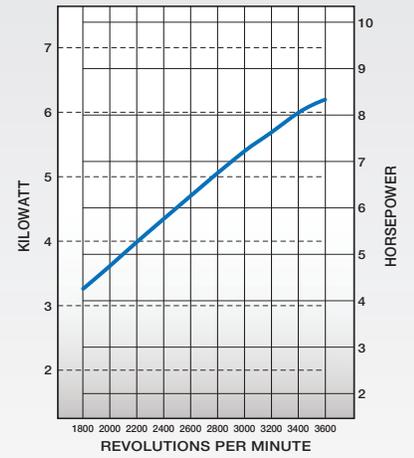
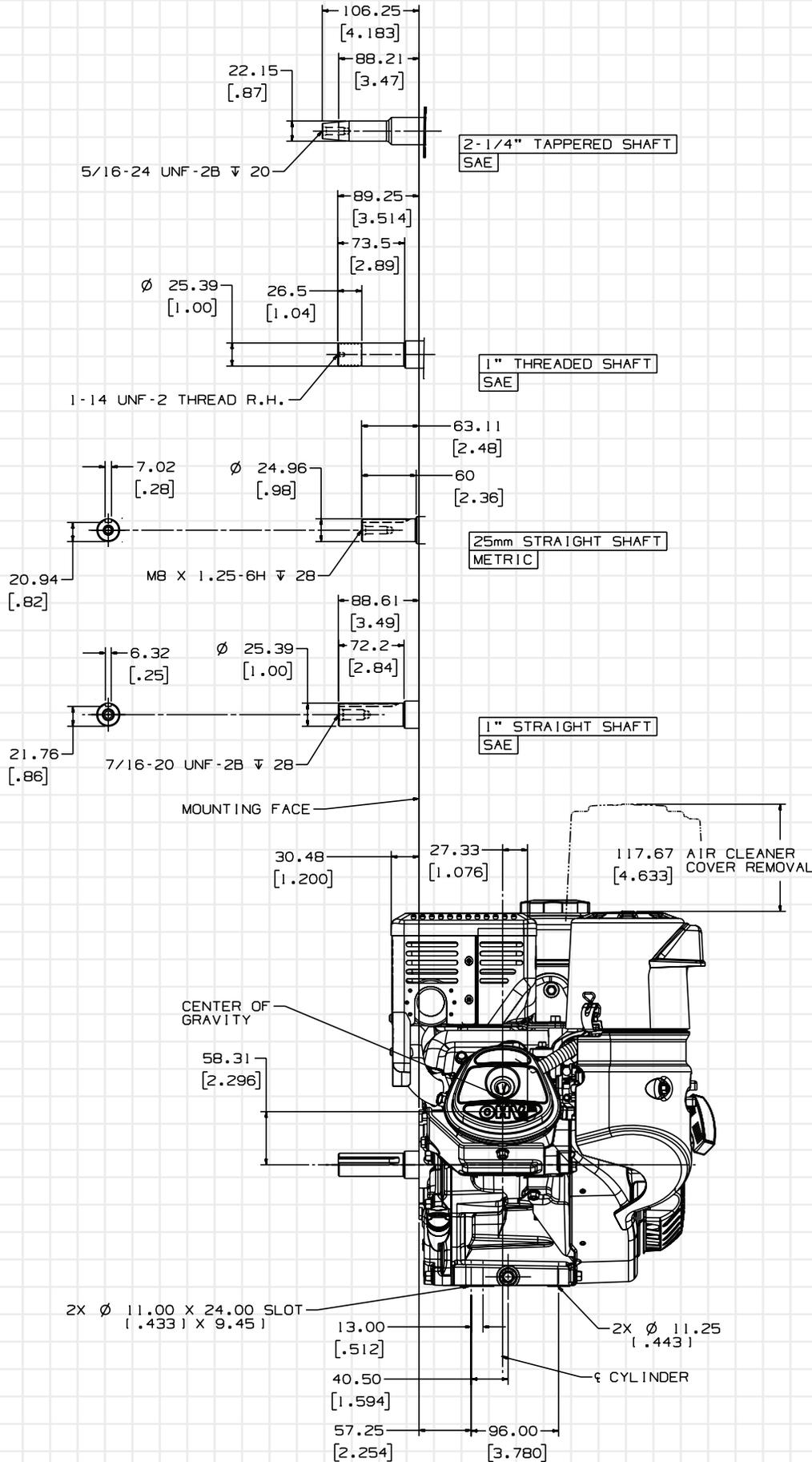
TOP VIEW ▼



PTO VIEW ▼



9.5 hp engines (CH395)



KOHLER® Command PRO® Model Specifications

Engine Type		Four-cycle, single cylinder, overhead valve, air-cooled, gasoline, horizontal-shaft, aluminum head and crankcase with cast iron cylinder liner.		
Model:		CH270	CH395	CH440 ¹
*Gross Power @ 3600 rpm	Maximum hp (kW)	7 (5.2)	9.5 (7.1)	14 (10.5) ¹
*Net Power @ 3600 rpm	Maximum hp (kW)	6 (4.5)	8.5 (6.4)	11.9 (8.9) ¹
Displacement	cu in (cc)	12.7 (208)	16.9 (277)	24.7 (429)
Bore	in (mm)	2.8 (70)	3.1 (78)	3.5 (89)
Stroke	in (mm)	2.1 (54)	2.3 (58)	2.7 (69)
Net Peak Torque @ rpm	ft lbs (Nm)	9.2 (12.4) @ 2800	13.2 (17.8) @ 2600	18.5 (25.1) ¹ @ 2400
Compression Ratio		8.5:1	8.2:1	8:1
Dry Weight (Recoil Start)	lbs (kg)	38.7 (17.5)	61.5 (27.8)	76.5 (34.7) ¹
Oil Capacity	U.S. qt (L)	.6 (.6)	1.2 (1.1)	1.2 (1.1) ¹
Fuel Capacity	U.S. qt (L)	4.3 (4.1)	7.7 (7.3)	
Lubrication		Splash		
**Dimensions L x W x H	in (mm)	12.7 x 15.2 x 14.2 (322 x 386 x 361)	15.9 x 16.8 x 16.7 (403 x 427 x 424)	15 x 17.8 x 17.4 (380 x 452 x 443) ¹

* 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.

** Engine measurements based on a base engine without electric start.

¹ Preliminary information, subject to change.

Standard Features

- Quad-Clean™ heavy-duty cyclonic air cleaner
- Built-in warm-air system for winter operation
- OHV slant cylinder
- Cast iron cylinder liner
- Large capacity metal fuel tank
- 3 fuel filters: fill neck, in-tank and carburetor inlet
- Electronic ignition
- Large capacity muffler with heat shield and spark arrester
- EPA II emission certified
- Increased displacement
- Balance shaft (14 hp)
- Dual ball bearings
- Steel forged and hardened crankshaft
- Dual oil fills and drains
- Automatic low oil engine shutdown system
- Stellite®-faced exhaust valve
- Chrome plated metal fuel tank cap
- Water trap to separate moisture in fuel
- Swirl-induction combustion chamber
- Easy access throttle, choke and shutoff
- Automatic compression release
- Mechanical governor
- Sound-deadening alloy crankcase
- Carburetor bowl drain
- High inertial flywheel
- Silenced air intake
- Indexable easy pull recoil starter

Popular Factory Options

- 2:1 reduction
- 2:1 reduction with clutch
- 6:1 reduction
- High altitude kits
- 12-volt starter
- Exhaust deflector
- 4-, 10- or 18- (9.5 and 14 hp) amp charging
- Crankshaft/PTO variations
- Low profile air cleaner & muffler (Generator)
- No load idle solenoid for fuel economy
- CARB Tier III
- Remote throttle
- Carburetor shut down solenoid
- Balance shaft 9.5 hp
- In-line fuel filter
- EEC and Canadian RFI Standards
- EU emissions and noise compliance

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

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KohlerEngines.com

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Relentless Power.
Legendary Performance.

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