7 — 9.5 — 14

KOHLER®
COMMAND PRO® 7-14 HP
GEAR REDUCTION

KOHLER® Engines

HIGHER TORQUE. FEWER RPMS.

Now you've got a choice. For applications needing extra torque, the KOHLER® Command PRO® horizontal engine comes with gear-reduction options. Plus performance-enhancing features like a heavy-duty air cleaner, forged-steel crankshaft, advanced ignition module and cast-iron cylinder bore liner. Tough and dependable, built to finish every job it starts. That's what it takes to be a PRO.

KOHLER. Command PRO.

DEPENDABLE OPERATION

- Quad-Clean™ all-season four-stage cyclonic air filter – effective engine protection for tough-and-dirty conditions.
- Protects from airborne contaminants that can easily clog traditional air filters.

GEAR-REDUCTION OPTION

- Reduced rpm with increased torque on seven engines, from 7 to 14 hp.
- Power or repower rental equipment such as concrete mixers, kettle pumps, aerators and more.

LONGER RUNTIMES

- Large-capacity fuel tank means more time working, less time filling.
- Electronic ignition and an advanced combustion system design help reduce fuel consumption.

EASIER REPOWERING

- Power or repower your equipment without expensive modifications.

ALL-WEATHER PERFORMANCE

- Quad-Clean air filter reconfigures in seconds to recycle engine heat.
- Command PRO starts effortlessly in all weather conditions, from 0 to 110 degrees.

BUILT TO LAST

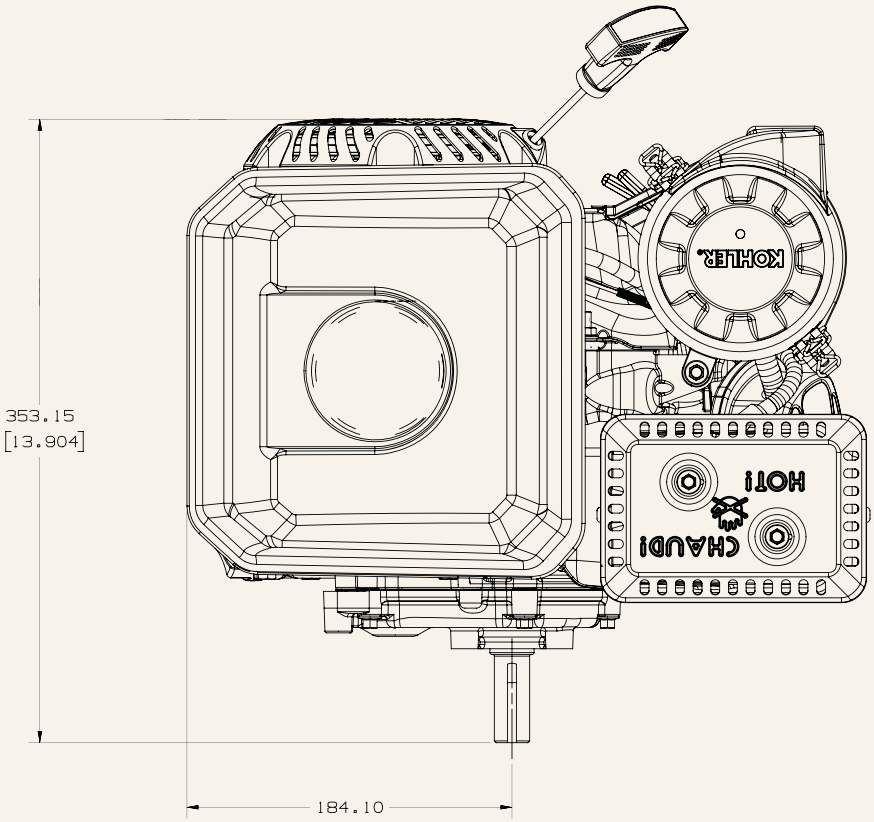
- Forged-steel crankshafts and tough Stellite®-faced exhaust valves with Tufftride®-coated stems and cast-iron cylinder bores.
- Oil Sentry™ automatically shuts engine down in low-oil conditions.

KOHLER® COMMAND PRO® 7 HP

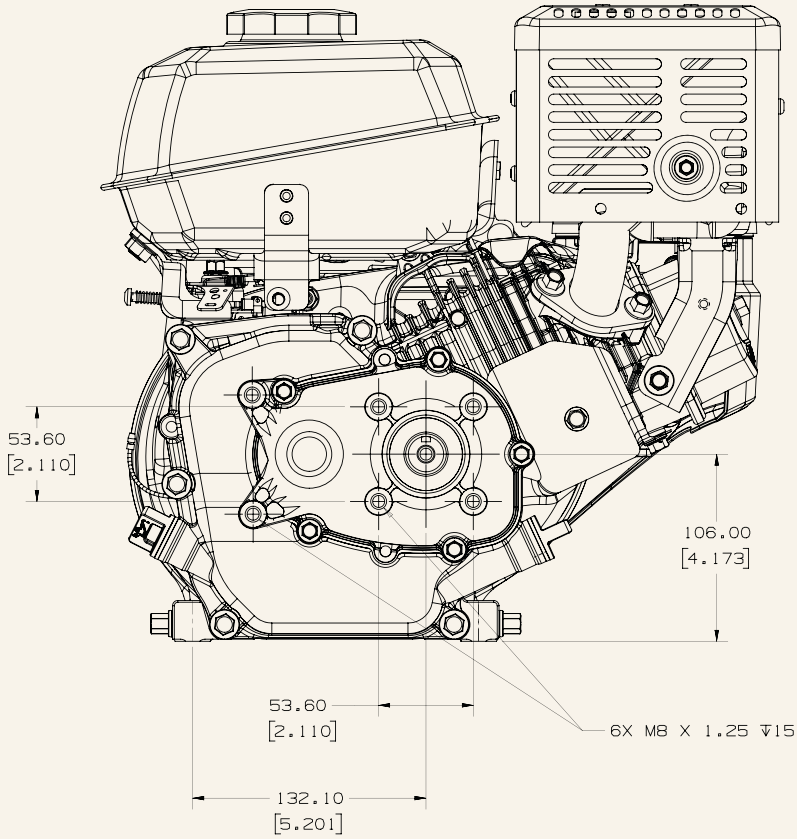
ENGINE ARCHITECTURE

7-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX

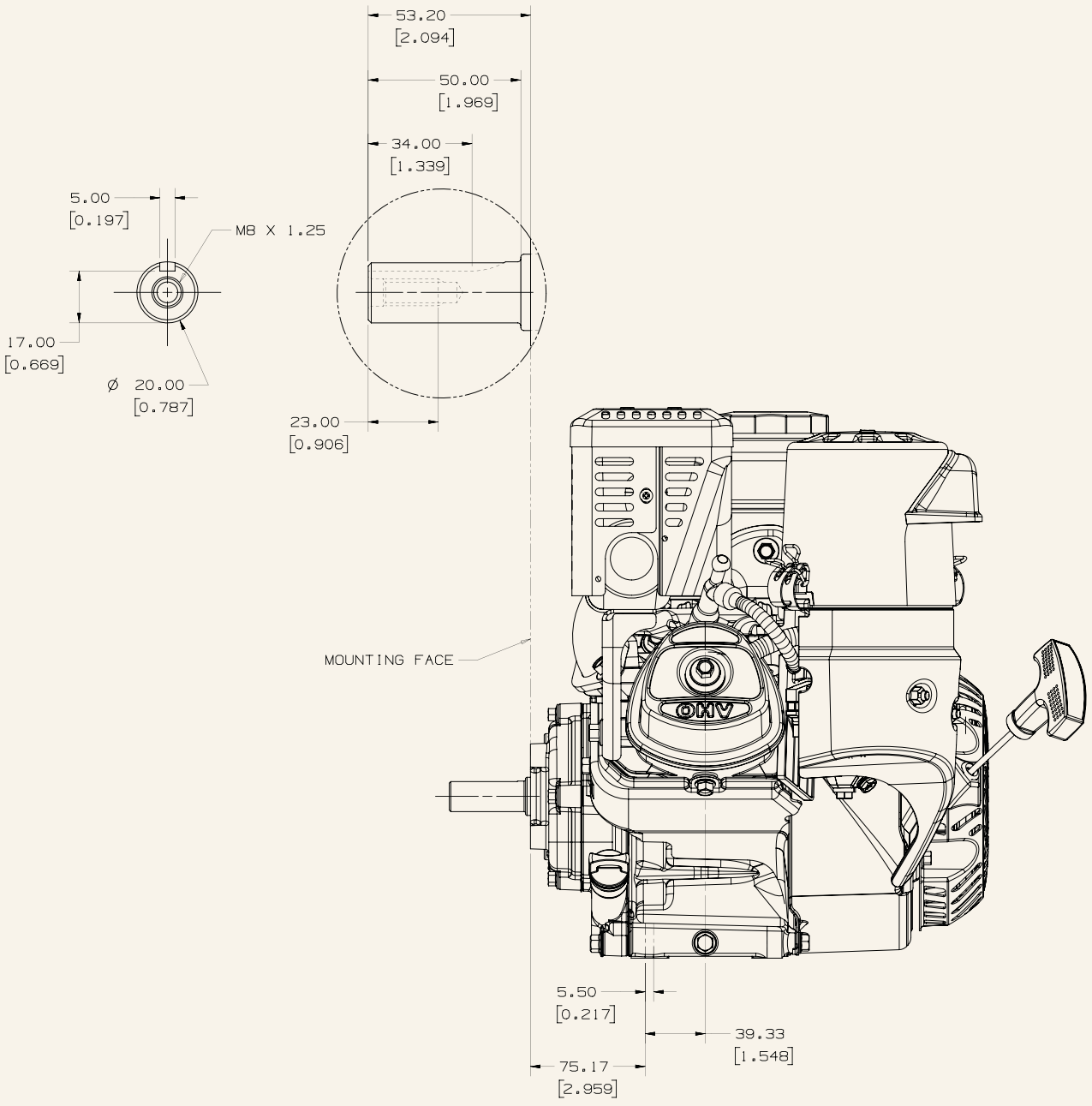
TOP VIEW



PTO VIEW



7-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX

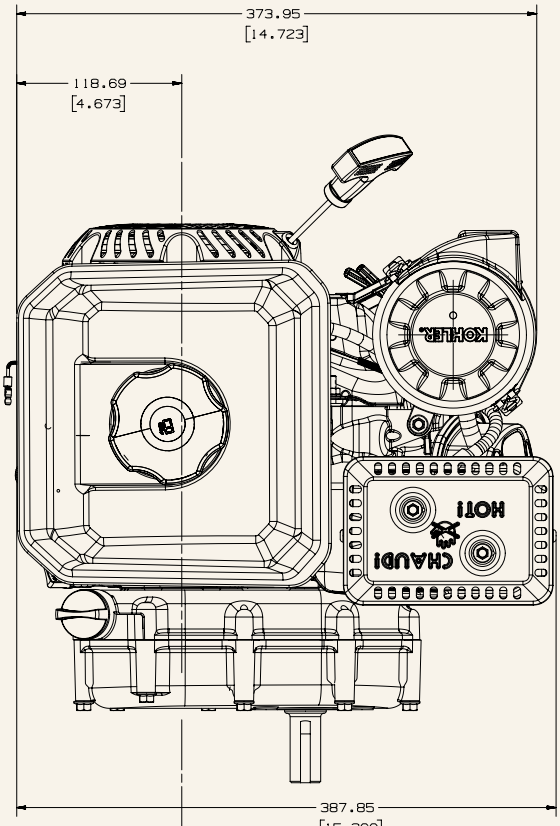


KOHLER® COMMAND PRO® 7 HP

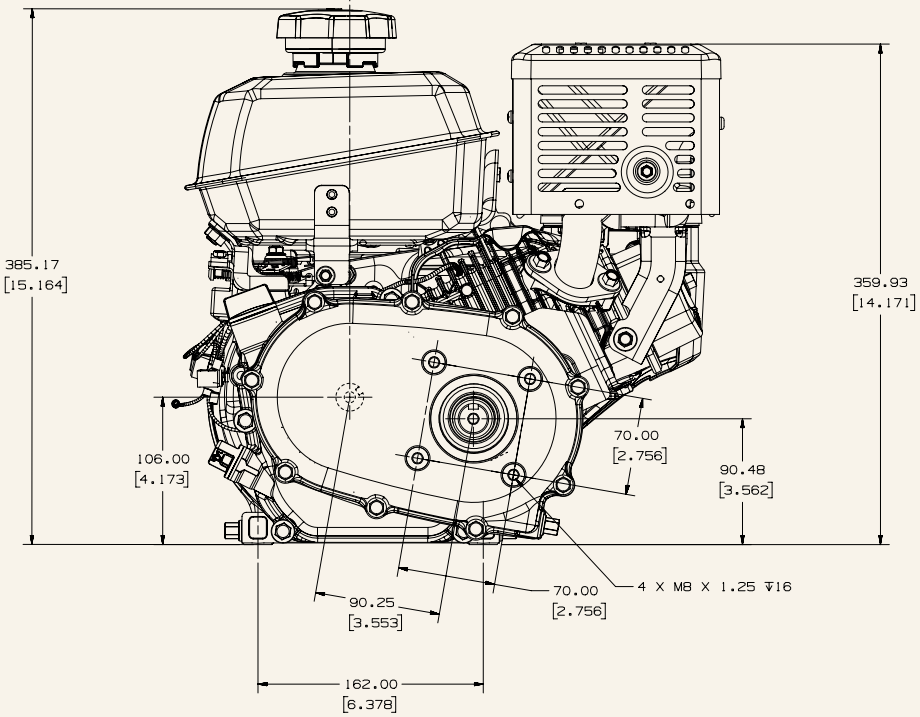
ENGINE ARCHITECTURE

7-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX WITH CLUTCH

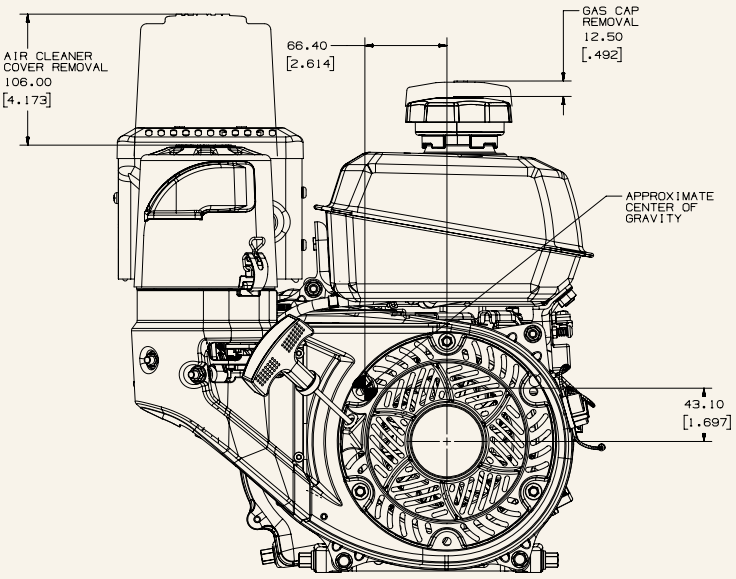
TOP VIEW



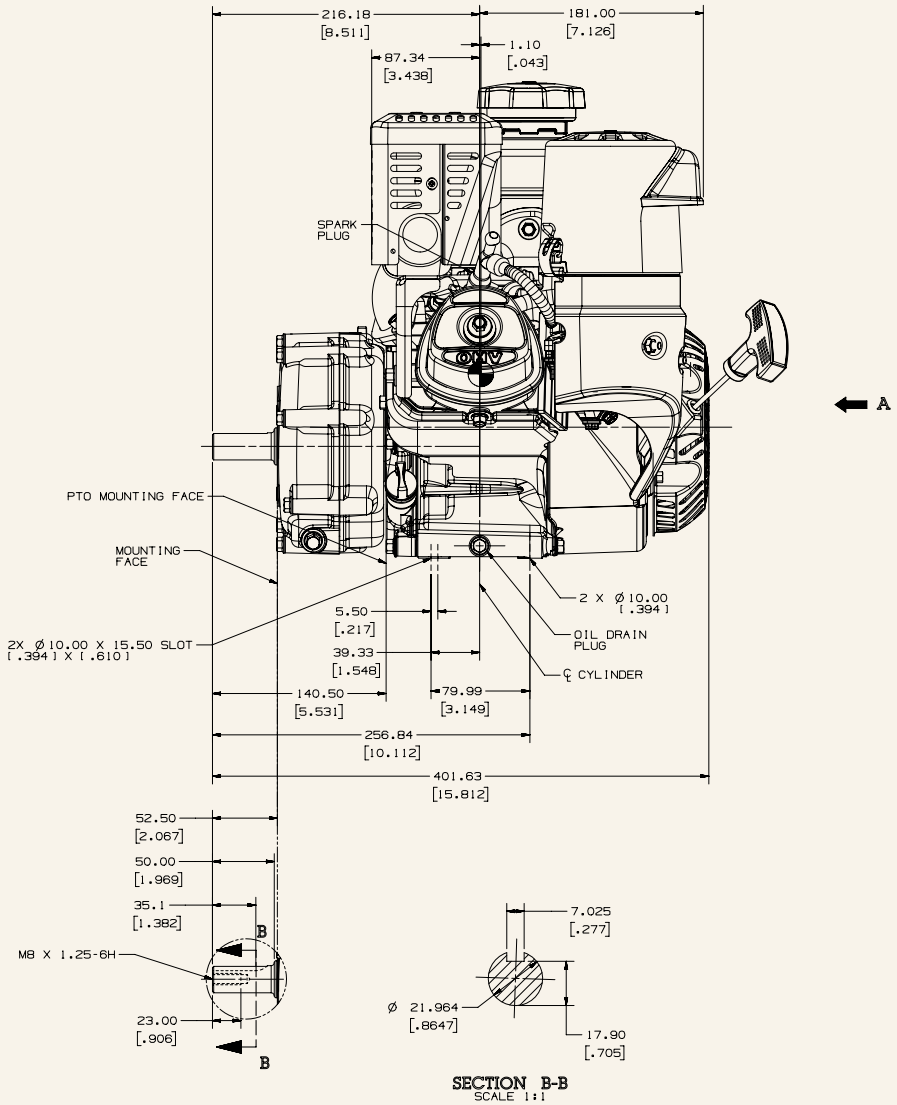
PTO VIEW



7-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX WITH CLUTCH



VIEW A



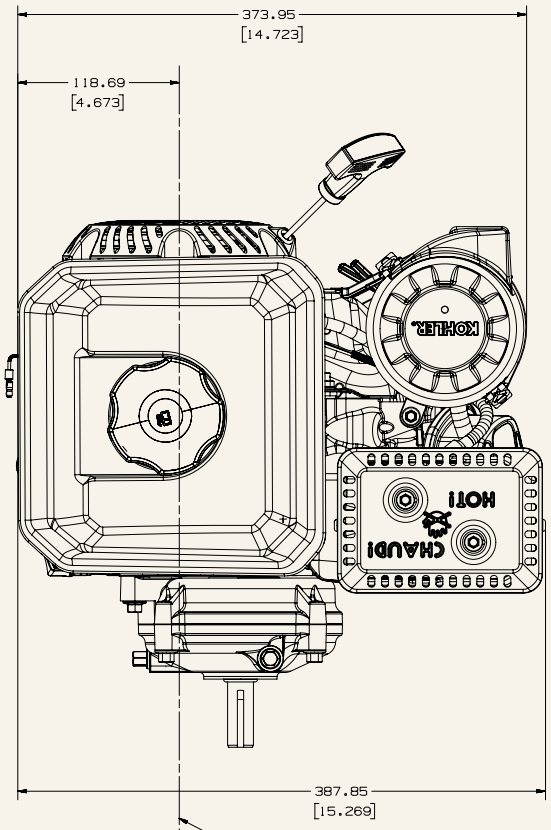
SECTION B-B
SCALE 1:1

KOHLER® COMMAND PRO® 7 HP

ENGINE ARCHITECTURE

7-HP HORIZONTAL-SHAFT ENGINES
6:1 GEARBOX

TOP VIEW



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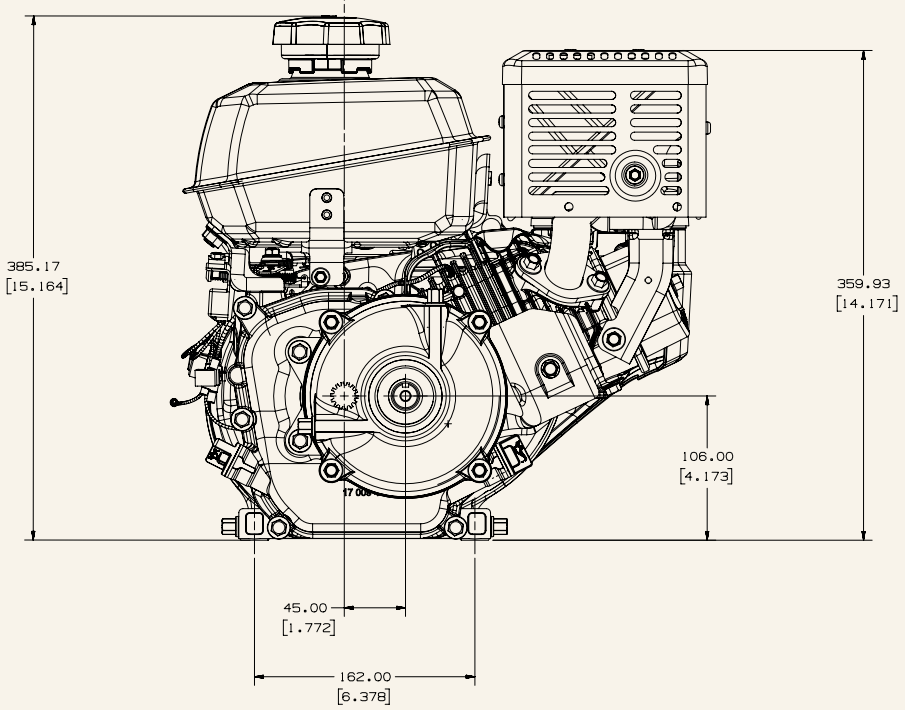
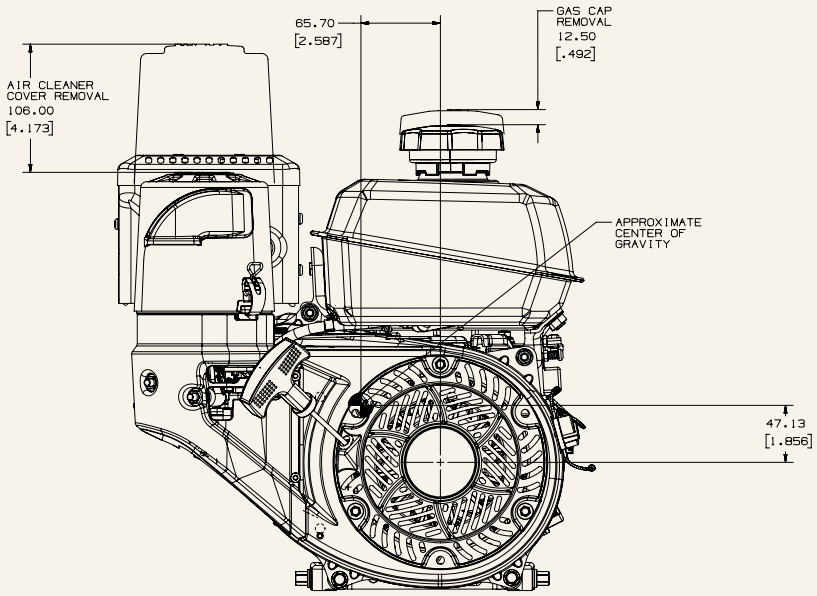


7-HP HORIZONTAL-SHAFT ENGINES
6:1 GEARBOX



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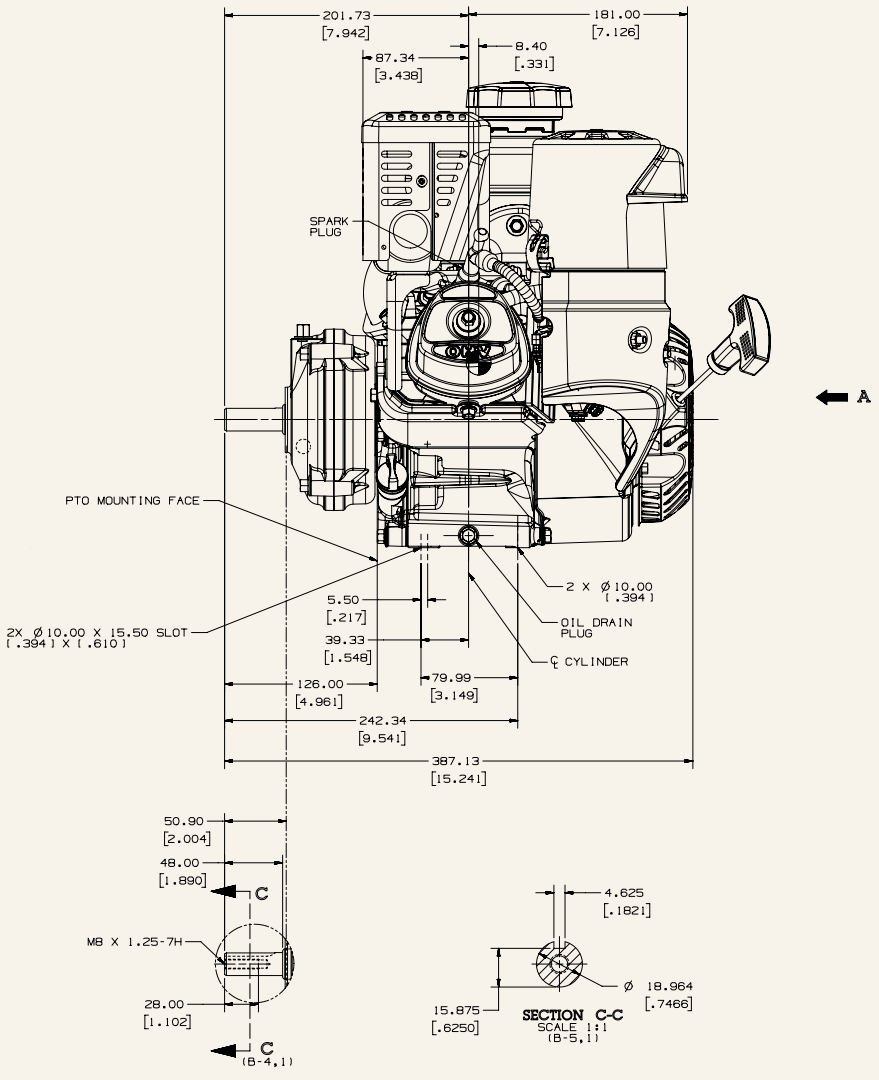
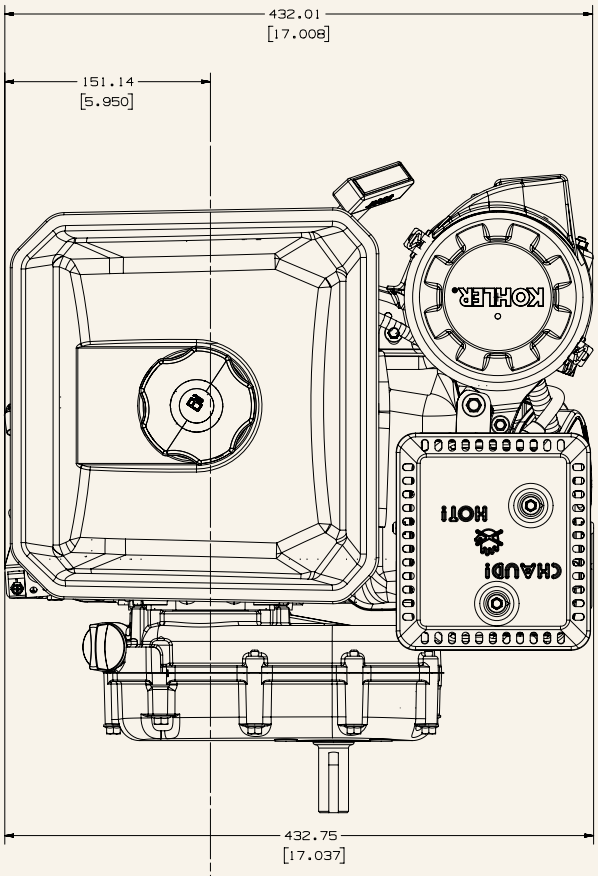


KOHLER® COMMAND PRO® 9.5 HP

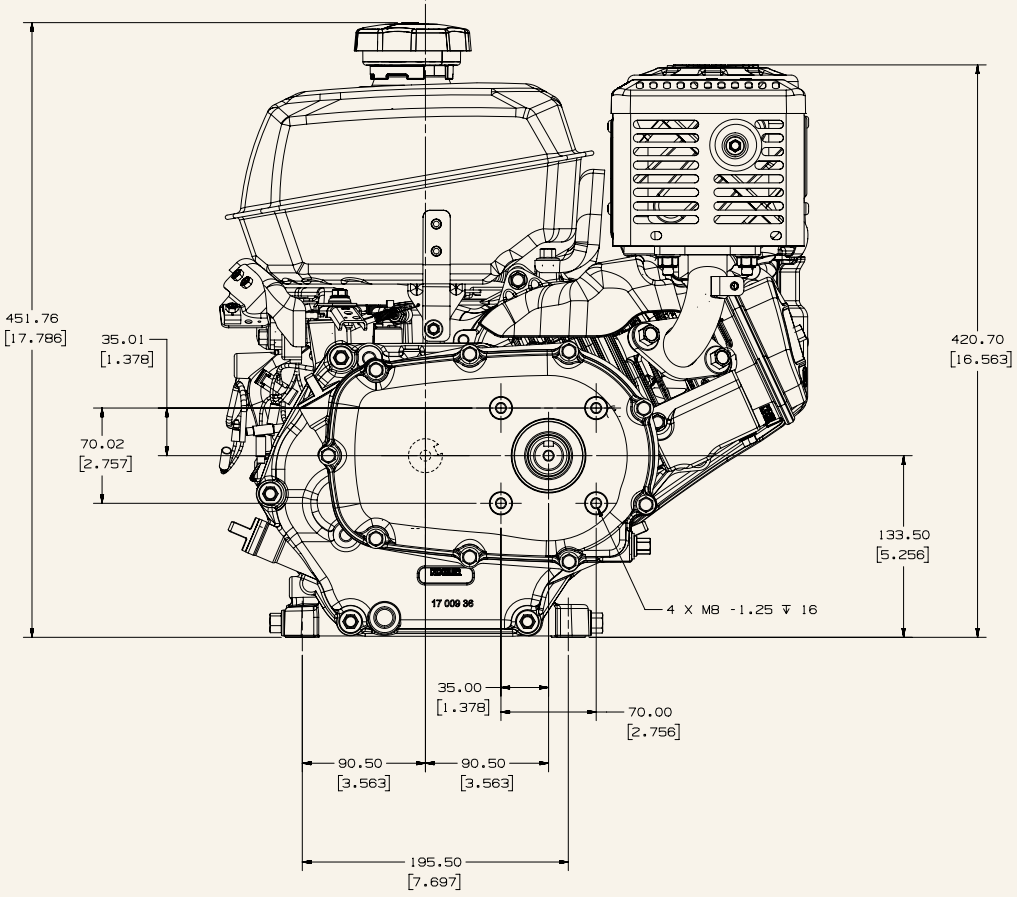
ENGINE ARCHITECTURE

9.5-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX WITH CLUTCH

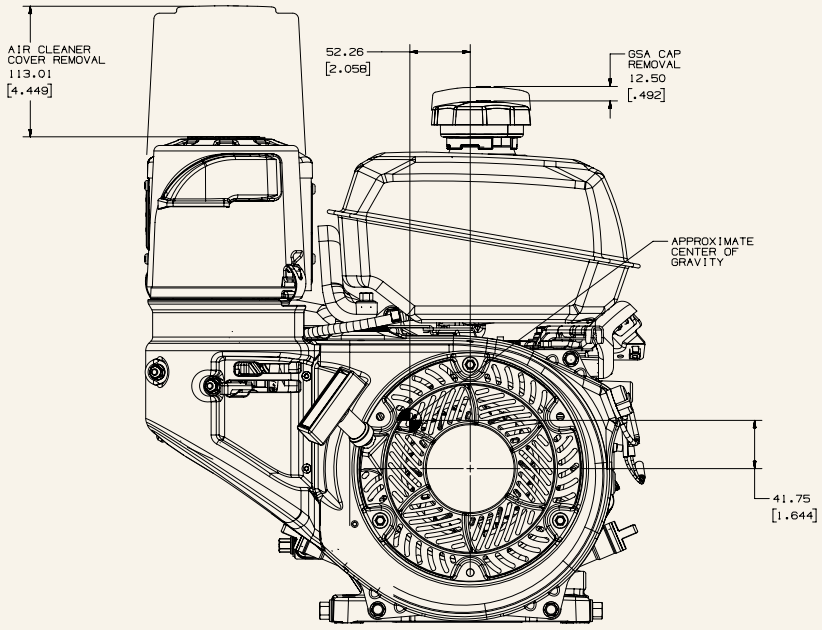
TOP VIEW



PTO VIEW



9.5-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX WITH CLUTCH



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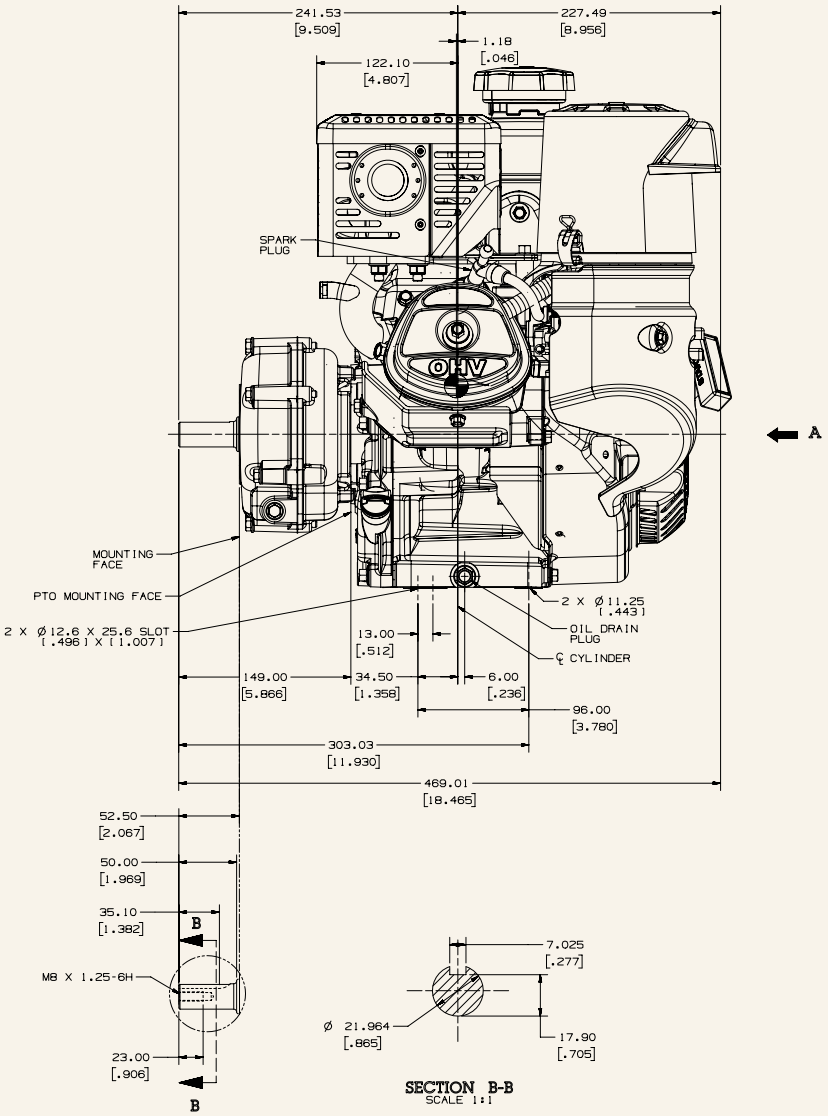


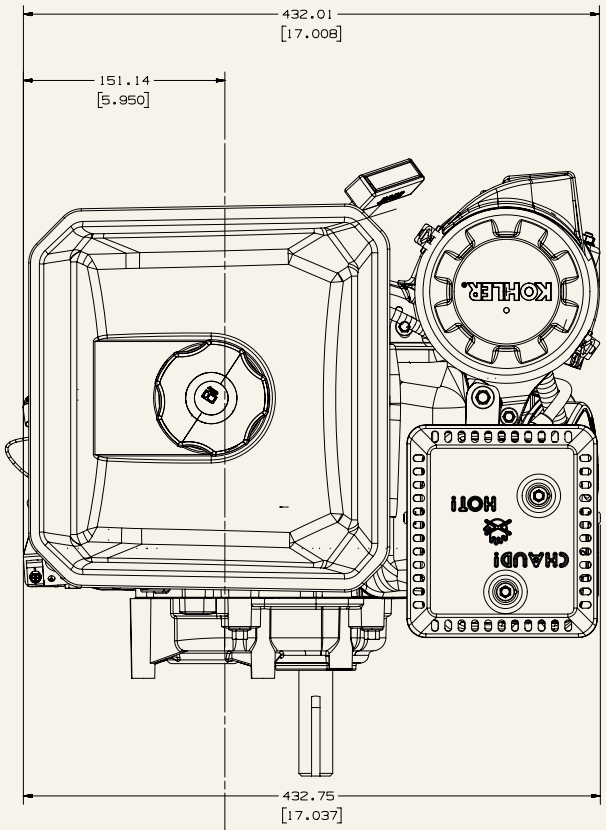
SECTION B-B
SCALE 1:1

KOHLER® COMMAND PRO® 9.5 HP

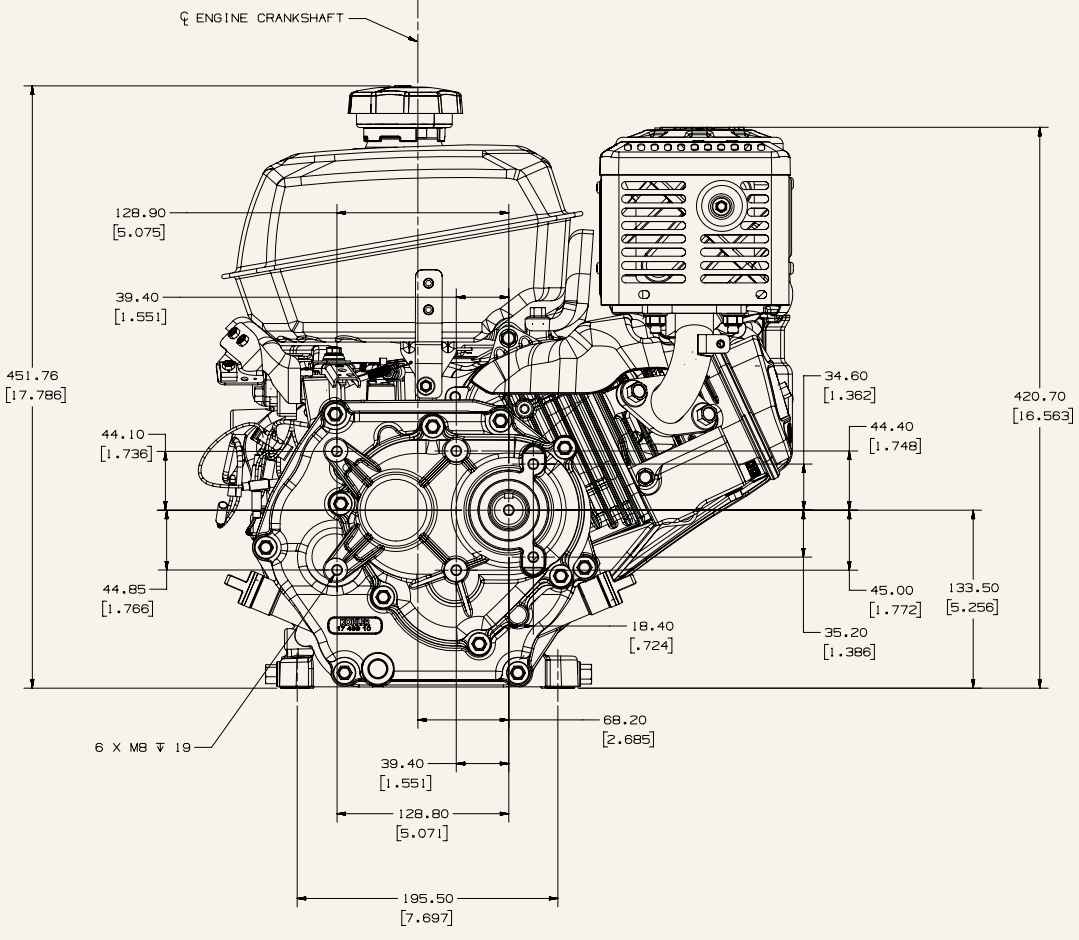
ENGINE ARCHITECTURE

9.5-HP HORIZONTAL-SHAFT ENGINES
6:1 GEARBOX

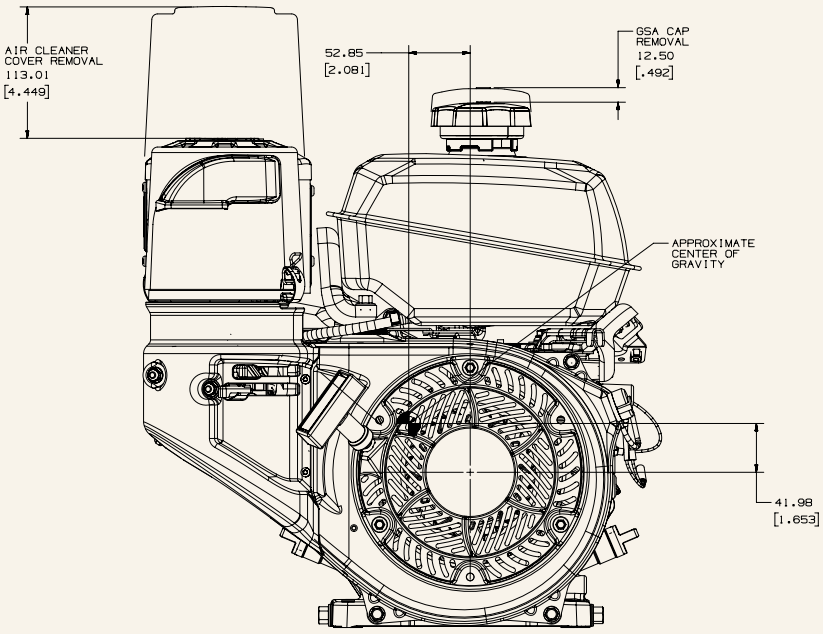
TOP VIEW



PTO VIEW



9.5-HP HORIZONTAL-SHAFT ENGINES
6:1 GEARBOX



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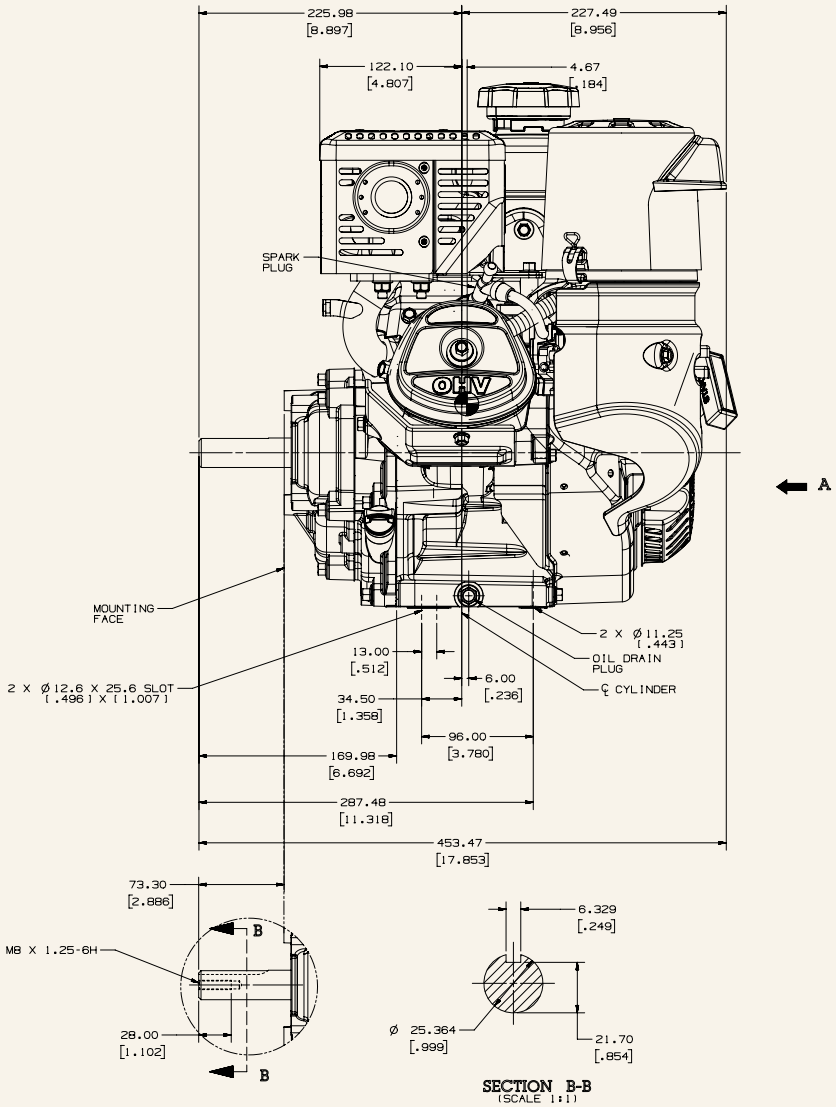


SECTION B-B
(SCALE 1:1)

FRONT VIEW

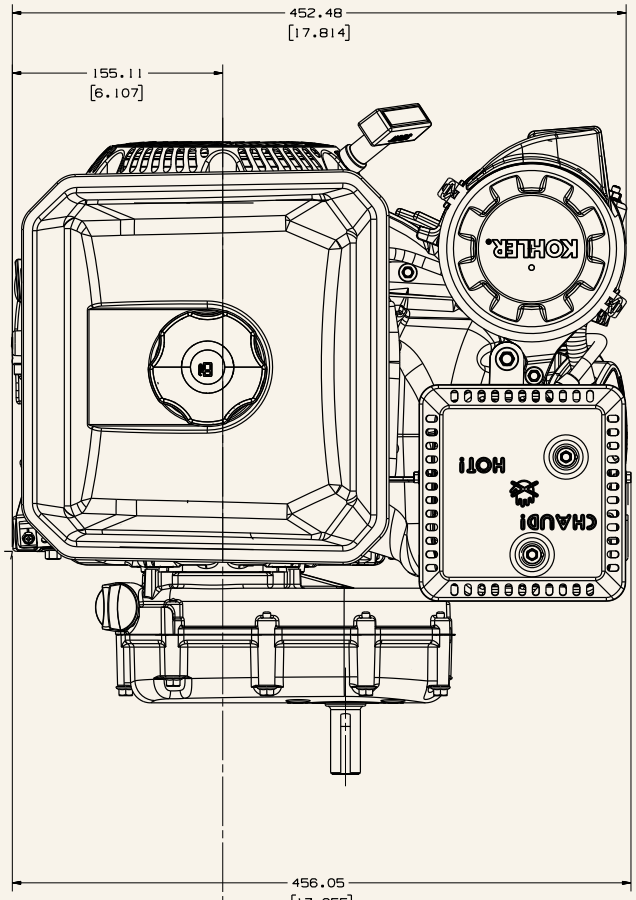
VALVE COVER VIEW

KOHLER® COMMAND PRO® 14 HP

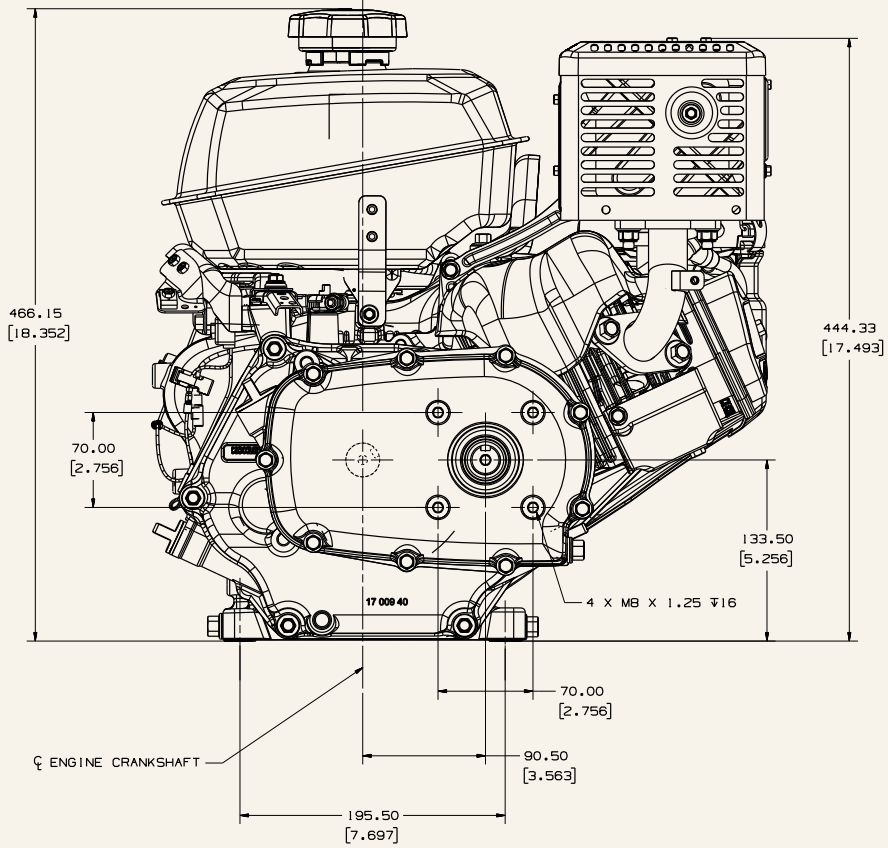
ENGINE ARCHITECTURE

14-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX WITH CLUTCH

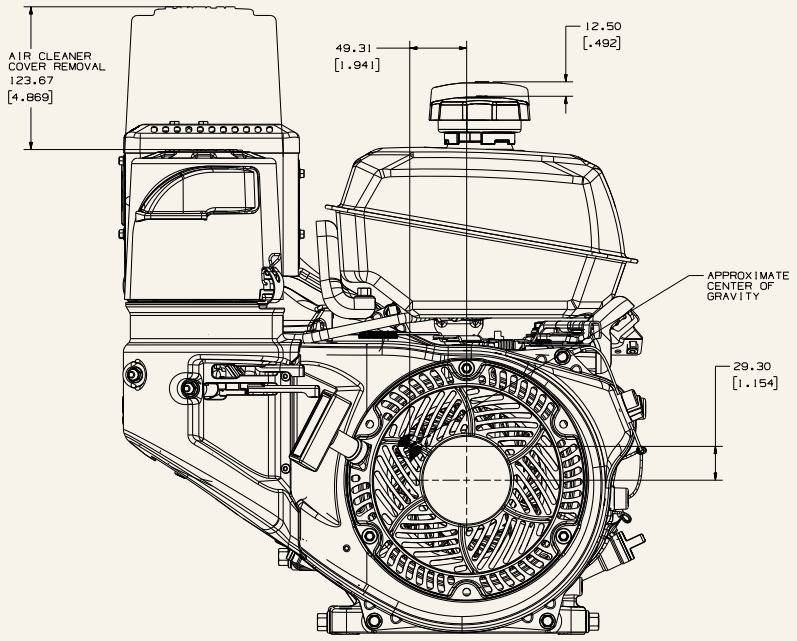
TOP VIEW



PTO VIEW



14-HP HORIZONTAL-SHAFT ENGINES
CHAIN-DRIVEN 2:1 GEARBOX WITH CLUTCH



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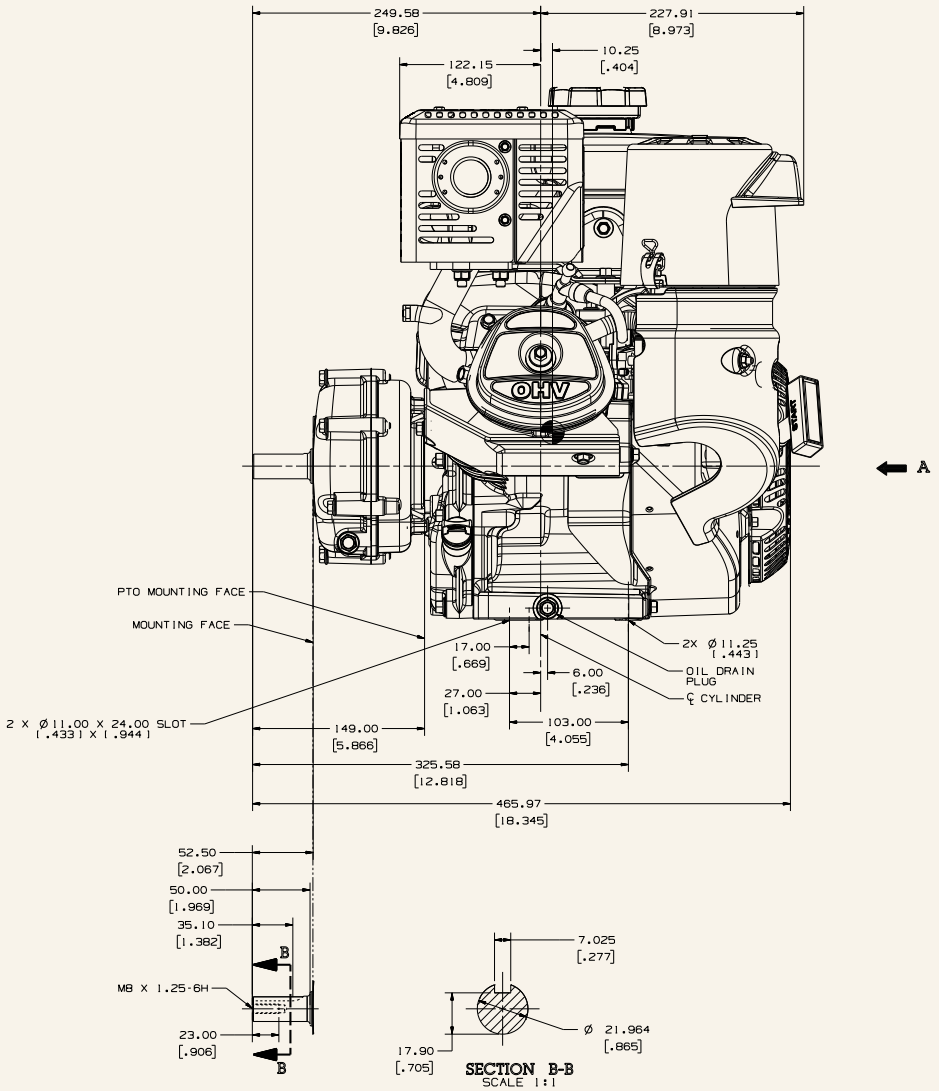


SECTION B-B
SCALE 1:1

FRONT VIEW ◀

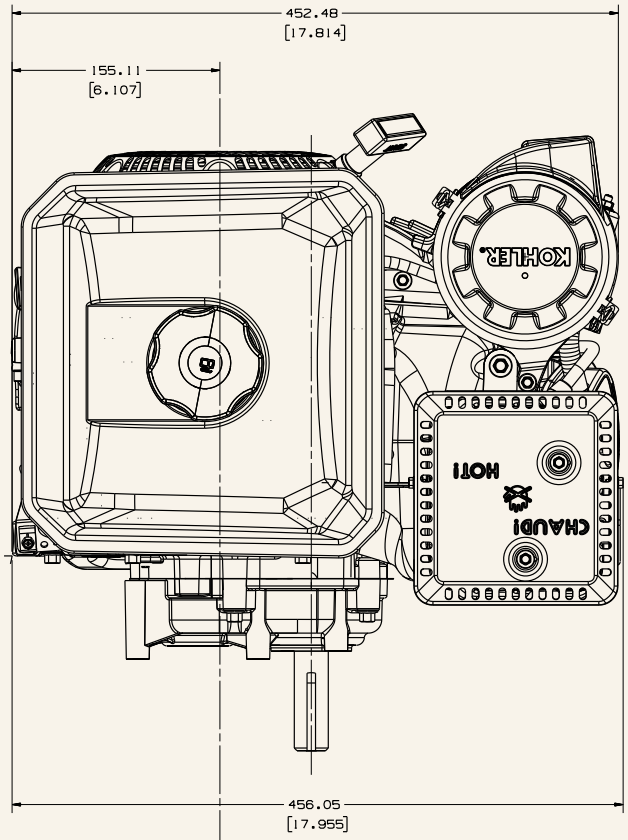
VALVE COVER VIEW ◀

KOHLER® COMMAND PRO® 14 HP

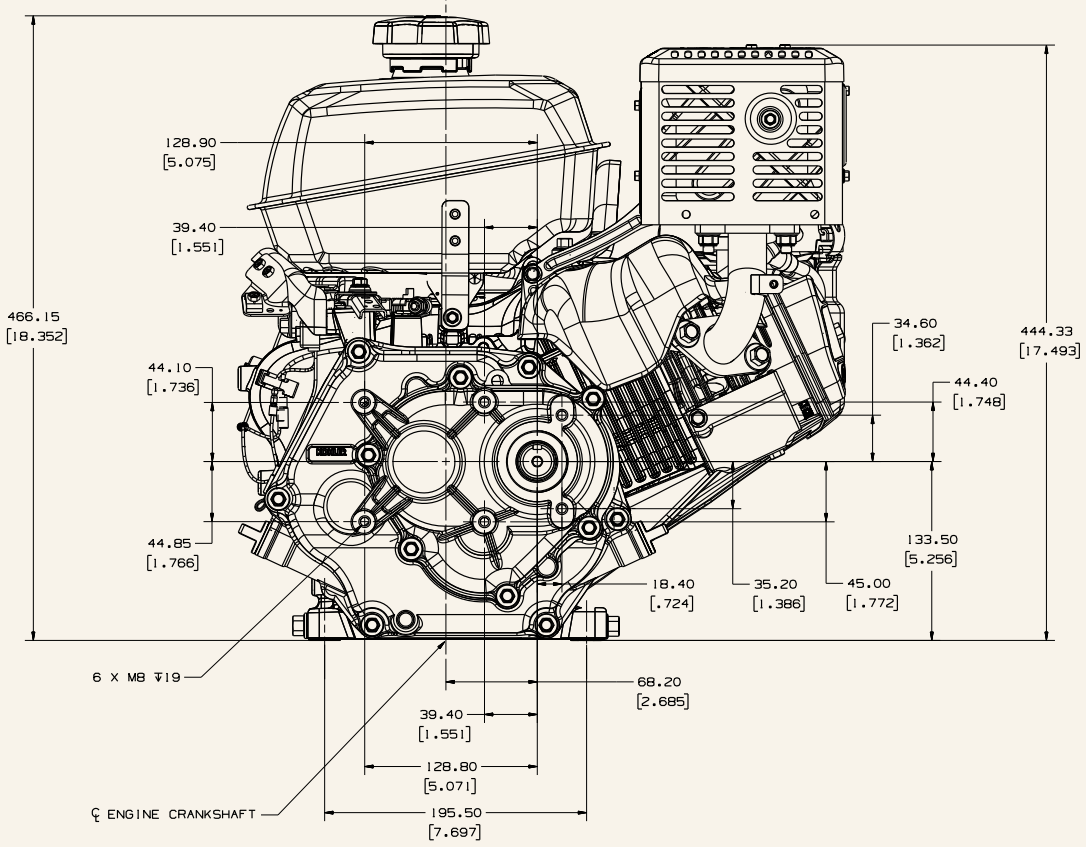
ENGINE ARCHITECTURE

14-HP HORIZONTAL-SHAFT ENGINES
6:1 GEARBOX

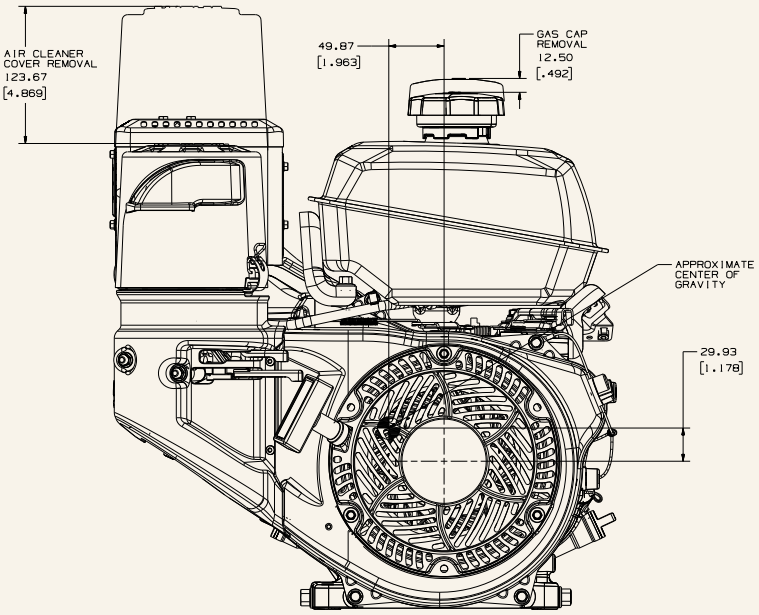
TOP VIEW



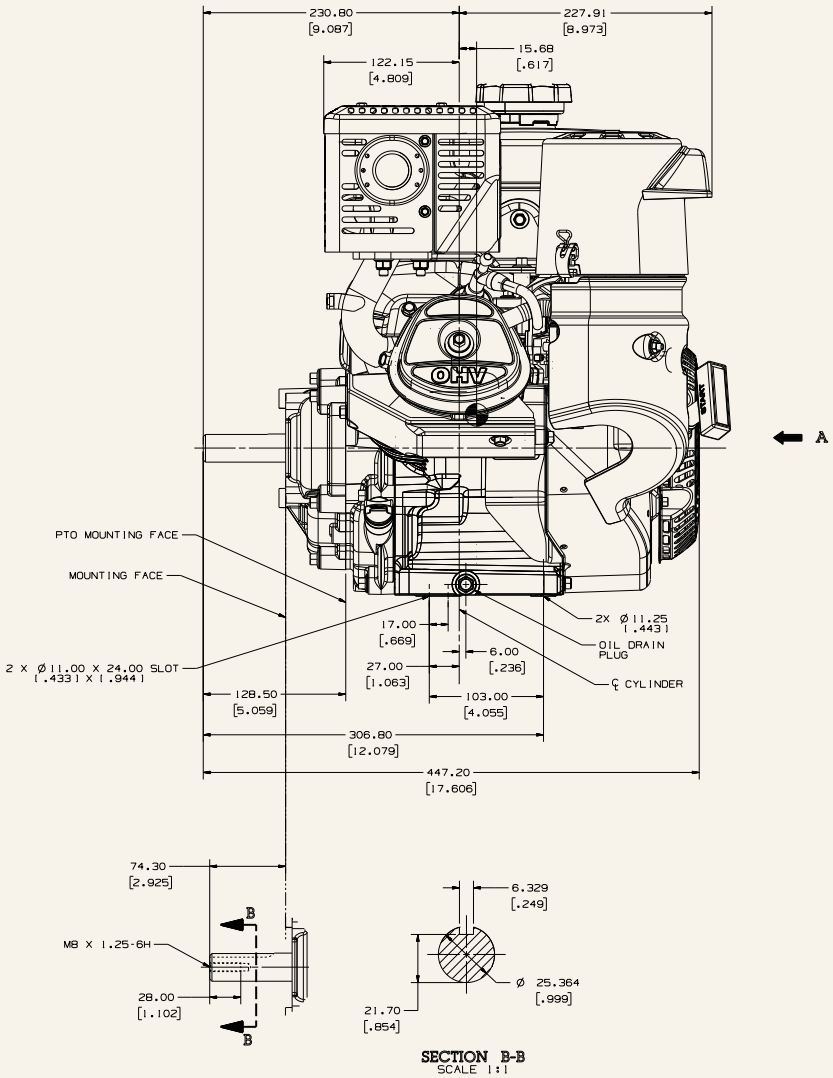
PTO VIEW



14-HP HORIZONTAL-SHAFT ENGINES
6:1 GEARBOX



VIEW A



SECTION B-B
SCALE 1:1

KOHLER. Command PRO.

Engine Type		Four-cycle, single-cylinder, horizontal shaft, overhead valve, air-cooled, gasoline and cast-iron liner.						
Model		CH270	CH270	CH270	CH395	CH395	CH440	CH440
Gear Box Type		2:1	2:1 with clutch	6:1	2:1 with clutch	6:1	2:1 with clutch	6:1
Gross Power @ 3600 rpm	Max. hp (kW)	7 (5.2)			9.5 (7.1)	9.5 (7.1)	14 (10.5)	14 (10.5)
Net Power @ 3600 rpm	Max. hp (kW)	6 (4.5)			8.5 (6.4)	8.5 (6.4)	12.1 (9.0)	12.1 (9.0)
Displacement	cu in (cc)	12.7 (208)			16.9 (277)	16.9 (277)	24.7 (429)	24.7 (429)
Bore	in (mm)	2.8 (70)			3.1 (78)	3.1 (78)	3.5 (89)	3.5 (89)
Stroke	in (mm)	2.1 (54)			2.3 (58)	2.3 (58)	2.7 (69)	2.7 (69)
Net Peak Torque @ rpm	ft lb (Nm)	18.3 (24.8) @ 2800	18.3 (24.8) @ 2800	54.9 (74.4) @ 2800	26.2 (35.6) @ 2600	78.7 (106.7) @ 2600	39.6 (53.6) @ 2400	118.6 (160.7) @ 2400
Compression Ratio		8.5:1					8:1	8:1
Dry Weight	lb (kg)	47.2 (21.4)	51.8 (23.5)	46.1 (20.9)	73.4 (33.3)	69.0 (31.3)	86.2 (39.1)	81.8 (37.1)
Engine Oil Capacity	U.S. qt (L)	0.6 (0.6)			1.4 (1.3)			
Fuel Capacity	U.S. qt (L)	4.2 (4.0)			7.4 (7.0)			
Lubrication		Splash						
Gear Box Oil Capacity	U.S. qt (L)	Gear box connected to crankcase, no need to add oil for gear box.	0.52 (0.5)	0.13 (0.12)	0.52 (0.5)	Gear box connected to crankcase, no need to add oil for gear box.	0.52 (0.5)	Gear box connected to crankcase, no need to add oil for gear box.
Diameter of Gear Box Shaft	in (mm)	.79 (20)	.87 (22)	.75 (18.9)	.87 (22)	1 (25.4)	.87 (22)	1 (25.4)
Keyway Width	in (mm)	.2 (5)	.3 (7)	.2 (4.6)	.3 (7)	.25 (6.3)	.3 (7)	.25 (6.3)
Dimensions L x W x H	in (mm)	13.9 x 15.3 x 15.2 (353 x 388 x 385)	15.8 x 15.3 x 15.2 (402 x 388 x 385)	15.2 x 15.2 x 15.1 (387 x 388 x 385)	18.5 x 16.9 x 17.8 (469 x 431 x 452)	17.9 x 17 x 17.6 (453.5 x 432.8 x 446.6)	18.3 x 17.9 x 18.3 (466 x 456 x 466)	17.6 x 17.9 x 18.3 (17.6 x 17.9 x 18.3)
Crankshaft Height	in (mm)	4.2 (106)	3.6 (90.5)	4.2 (106)	5.3 (133.5)	5.3 (133.5)	5.3 (133.5)	5.25 (133.5)

* 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.

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
- Three fuel filters: fill neck, in-tank and carburetor inlet
- Electronic ignition
- Large-capacity muffler with heat shield and spark arrestor
- CARB Tier III-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
- Carbon canister fuel 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-inertia flywheel
- Silenced air intake
- Indexable easy-pull recoil starter
- Fuel Secure™ (Auto Fuel Shutoff)

Popular Factory Options

- High-altitude kits
- 12-volt starter
- Exhaust deflector
- 3-, 10- or 18- (9.5 and 14 hp) amp charging
- Remote throttle
- Carburetor shutdown solenoid
- Balance shaft 9.5 hp
- In-line fuel filter
- EEC and Canadian RFI standards
- EU emissions and noise compliance
- EPA Phase III compliance
- Exhaust deflector
- Low-profile air cleaner
- Low-profile muffler
- Extended oil fill
- Remote throttle
- Remote choke
- Electronic governor
- Pulse pump
- Purge port for Quad-Clean air cleaner

HERITAGE // KOHLER POWERS THE EARTH.

Nearly a century ago, the first KOHLER® engines worked sunup to sundown on American farms. Now they power hard-working equipment for construction, power washing, welding, lawn and landscape, and yes – agriculture.

From the world's first four-cycle, water-cooled gas engine in 1920 to the diesel engines we developed for the U.S. Navy in WWII to the industry's first electronic fuel-injected engine, we've built our reputation on high-quality engines that get the job done. Every time.

DURABILITY // BUILT FOR THE LONG HAUL.

We know the torture you put an engine through. Sixteen-hour days. Punishing weather. Monster inclines. So we make sure it lasts. Every engine is Kohler-engineered and extensively tested using stringent Kohler quality criteria.

You rely on us to make a living. We won't let you down.

PARTS & SERVICE // WE'VE GOT YOUR BACK.

We stand behind our dealers, and they stand behind our warranty. It's customer first, every time. Need a replacement part? It's in stock now, period. There are 13,000 dealers in our service network, so if yours doesn't have it, he'll get it in 48 hours or less.

KOHLER GENUINE PARTS

Only Kohler Engines makes genuine parts for KOHLER engines. They're built for the long haul. And designed to give you peace of mind.

Get more at **KohlerEngines.com**

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

Kohler Co., Kohler, Wisconsin 53044 Tel 920-457-4441

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KOHLER. Engines

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