

ENGINES

Commercial, Consumer and
Diesel Full Line



KOHLER®
IN POWER. SINCE 1920.

KOHLER®

IN POWER. SINCE 1920.

APPLICATION INDEX

COMMAND PRO, EFI	COMMAND PRO TWIN- & SINGLE-CYLINDER	AEGIS.	SH/RH SERIES.	7000/7500 SERIES, EFI	DIESEL	DIESEL KDI
Blower	Blower	Blower	Blower	Riding Mower	Aerial Lift	Aerial Lift
Concrete Saw	Concrete Saw	Concrete Saw	Chipper/Shredder	Zero-Turn Mower	Compressor	Compressor
Concrete Trowel	Concrete Trowel	Concrete Trowel	Edger		Carpet Cleaner	Concrete Saw
Curber	Curber	Curber	Generator	COURAGE.	Hydraulic Power Pack	Concrete Trowel
Floor Buffer	Floor Buffer	Floor Buffer	Log Splitter	Riding Mower	Generator	Forklift
Generator	Generator	Generator	Pressure Washer	Zero-Turn Mower	Light Tower	Generator
Light Tower	Light Tower	Light Tower	Pump		Pressure Washer	Light Tower
Pump	Pump	Pump	Tiller	XT / XTX / HD SERIES.	Pump	Mini Excavator/Dozer
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Stump Grinder	Stump Grinder	Stump Grinder		Pressure Washer	Skid Steer Loader	Pump
Welder	Welder	Welder	6600 SERIES.	Tiller	Tamper/Plate Compactor	Roller
Wide-Area Walk-Behind	Wide-Area Walk-Behind*	Wood Chipper	Riding Mower	Utility Equipment	Trencher	Shredder
Wood Chipper	Wood Chipper	Zero-Turn Mower	Zero-Turn Mower		Utility Vehicle	Skid Steer Loader
Zero-Turn Mower	Zero-Turn Mower*				Zero-Turn Mower	Stump Grinders
		CONFIDANT/ CONFIDANT EFI				Welder
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		Zero-Turn Mower				

*Twin Application Only

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HORSEPOWER RATINGS FOR GASOLINE ENGINES

GROSS HORSEPOWER RATINGS AT 3600 RPM (UNLESS OTHERWISE STATED) AS PER SAE J1940

Grade	Engine Family	Top Features	Shaft	4.5	5.5	6	7	9.5	14	19	19.5	20	20.5	21	21.5	22	22.5	23	23.5	24	25	26	26.5	27	29	30	31	32.5	33	34	35	37	38
COMMERCIAL	Command PRO, EFI	Closed-Loop EFI, Premium Filters, 3-Yr Commercial Warranty	H						•	•				•				•			•		•								•		•
			V								•			•					•			•		•	•			•			•		•
	Command PRO Twin-Cylinder	Hydraulic Valve Lifters, Premium Filters, 3-Yr Commercial Warranty	H							•			•				•		•		•			•				•			•	•	
			V								•			•				•		•		•			•								
	Command PRO EFI Propane	Closed-Loop EFI, Hydraulic Valve Lifters, Premium Filters, 3-Yr Commercial Warranty	H															•			•												
			V														•				•				•	•							
	Command PRO LP & NG	Hydraulic Valve Lifters, Large-Capacity Filters, 3-Yr Commercial Warranty	H									•				•	•																
	Command PRO EFI Flex Fuel	Closed-Loop Flex Fuel EFI Up To E85, Four-Cycle, OHV, Cast-Iron Cylinder Liners, Aluminum Block, 3-Yr Commercial Warranty	V/H																		•		•										
	Aegis _®	Liquid-Cooled, Hydraulic Valve Lifters 3-Yr Commercial Warranty	H																		•			•		•							
	Command PRO Single-Cylinder	Quad-Clean™—4-Stage Cyclonic Air Cleaner, Dual Ball Bearings, 3-Yr Commercial Warranty	H	•	•	*	*	*	*	•																							
Command PRO Tri-Fuel	Quad-Clean™—4-Stage Cyclonic Air Cleaner, Dual Ball Bearings, 3-Yr Commercial Warranty	H					*	*	•																								

* Gross Horsepower Ratings at 4000 rpm

GROSS HORSEPOWER RATINGS AT 3600 RPM (UNLESS OTHERWISE STATED) AS PER SAE J1940

GRADE	ENGINE FAMILY	TOP FEATURES	SHAFT	6.5	6.75	7.75	4	5.5	6.5	9.5	14	15	16	17	18	19	20	20.5	21	22	22.5	23	23.5	24	25	26	27
COMMERCIAL / CONSUMER	Confidant. EFI	Closed-loop EFI, Four-cycle, OHV, Cast-iron Cylinder Liners, Aluminum Block, 3-Yr. Commercial Warranty	V														•			•					•		•
	Confidant	Commercial Durability; Larger Air, Oil & Fuel Filters; Optional Cyclonic Air Filter; 2-Yr Commercial, 3-Yr Consumer Warranty	V													•			•			•			•		
	SH Series.	Duel-Element Air Cleaner, Cast-Iron Liner. Dual Ball Bearing, 2-Yr Consumer Warranty	H					•	•																		
	HD Series.	Based on Commercial Engine Designs, Heavy-Duty Cast-Iron Cylinder Liners, Platinum-Tip Spark Plugs, High-Mount Dipstick, Overhead Valve, 5-Yr Consumer Warranty	V		*	*																					
CONSUMER	7000 Series.	Commercially Designed, Optional HD and PRO Performance Filtration, Pressure Lubrication, 3-Yr Consumer Warranty	V														•			•		•		•	•	•	
	7500 Series. EFI	Commercially Designed, HD or PRO Performance Filtration, Pressure Lubrication, 3-Yr Consumer Warranty	V																						•		•
	6600 Series.	Commercially Designed, Optional HD Performance Air Filtration, Pressure Lubrication, 3-Yr Consumer Warranty	V											•		•			•								
	Courage.	Twin-Cam Design, Pressure Lubrication, 2-Yr Consumer Warranty	V									•		•	•	•	•										
	RH Series.	Foam Element Air Cleaner, Aluminum Cylinder, Accu-Fill [®] Fuel Tank, 2-Yr Consumer Warranty	H					•	•																		
	XT Series.	Accu-Fill Easy-To-Fill Fuel Tank, Smart-Choke [™] with Easy-Pull, No-Prime Starting, Light-Weight Design, Overhead Valve, 2-Yr Consumer Warranty	V	*	*	*																					
	XTX Series.	No Oil Change Needed – Just Top Off, Based on Commercial Engine Design, Heavy-Duty Cast-Iron Cylinder Liners, Overhead Valve, 2-Yr Consumer Warranty	V	*	*	*																					

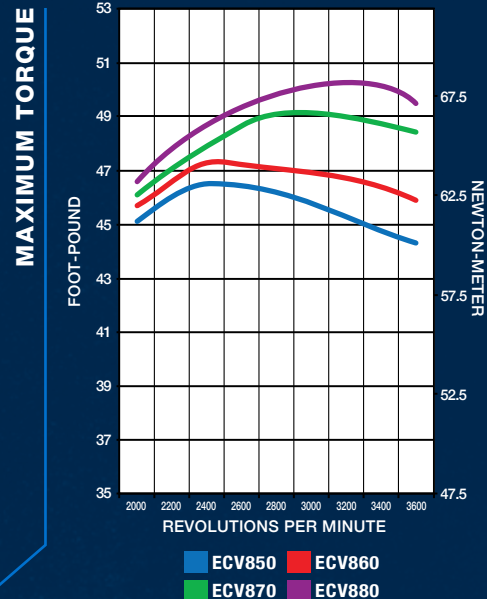
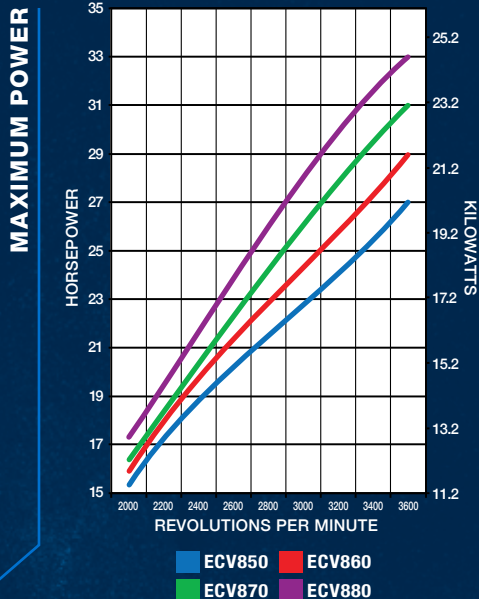
* Gross Torque Rating at 2800 rpm



COMMERCIAL

Command PRO[®] EFI 824 cc

ECV850, ECV860, ECV870, ECV880



Command PRO® EFI
824 cc



27-33 HP ECV880

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty 3-Yr Commercial

Engine Type
Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum block
Additional Features
Patent-pending intake manifold; extended cooling fins on cylinder head and crankcase; dual spark plugs; easy-access clean-out covers; large-capacity air, fuel and oil filters

MODEL		ECV850	ECV860	ECV870	ECV880
GROSS POWER @ 3600 RPM max. hp (kW)		27 (20.1)	29 (21.6)	31 (23.1)	33 (24.6)
DISPLACEMENT	cu in (cc)	50.3 (824)			
BORE	in (mm)	3.4 (86)			
STROKE	in (mm)	2.8 (71)			
PEAK TORQUE @ RPM	ft-lb (Nm)	46.5 (63.0) @ 2400	47.3 (64.1) @ 2400	49.1 (66.6) @ 2800	50.2 (68.1) @ 3200
COMPRESSION RATIO		8.9:1			
DRY WEIGHT	lb (kg)	136 (62)			
OIL CAPACITY	U.S. qt (L)	2.7 (2.6)			
LUBRICATION		Full-pressure lubrication with full-flow filter			
DIMENSIONS* L x W x H	in (mm)	19.7 x 20.5 x 24 (500 x 520 x 610)			

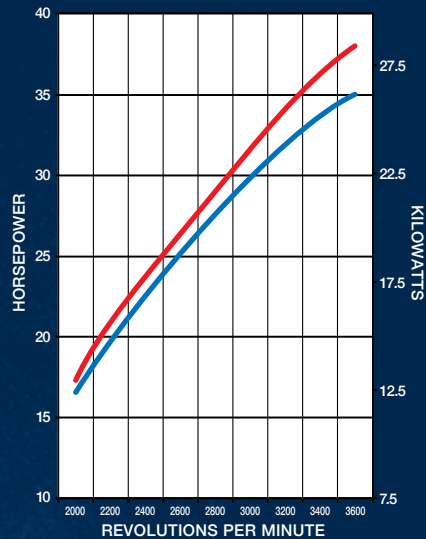
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Command PRO® EFI

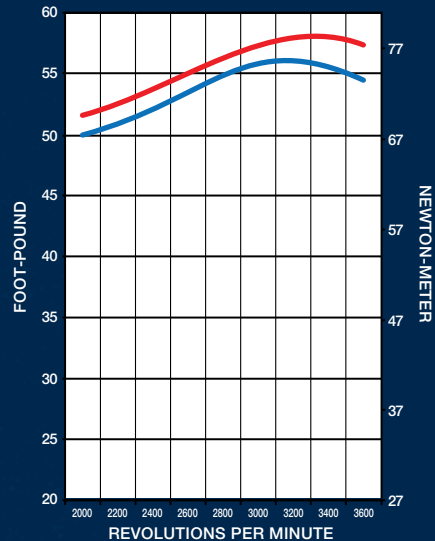
ECH940, ECH980

MAXIMUM POWER



ECH940 ECH980

MAXIMUM TORQUE



ECH940 ECH980

Command PRO® EFI



35-38 HP ECH940

Cooling	Air	Engine Type	Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum block
Cylinders	V-Twin		
Shaft	Horizontal	Additional Features	Large-capacity air, fuel and oil filters; high-performance spark plugs; hydraulic valve lifters
Warranty	3-Yr Commercial		

MODEL		ECH940	ECH980
GROSS POWER @ 3600 RPM	max. hp (kW)	35 (26.1)	38 (28.3)
DISPLACEMENT	cu in (cc)	61.0 (999)	
BORE	in (mm)	3.5 (90)	
STROKE	in (mm)	3.1 (78.5)	
PEAK TORQUE @ RPM	ft-lb (Nm)	56.0 (75.9) @ 3000	58.0 (78.6) @ 3400
COMPRESSION RATIO		8.8:1	
DRY WEIGHT	lb (kg)	132 (60)	
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)	
LUBRICATION		Full-pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H	in (mm)	Low-profile air cleaner 15.8 x 19.1 x 23.6 (402 x 484 x 600) Heavy-duty air cleaner 17.1 x 19.1 x 27.5 (435 x 484 x 699)	

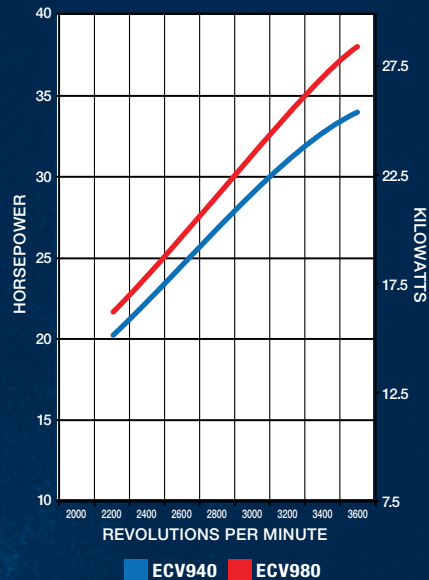
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

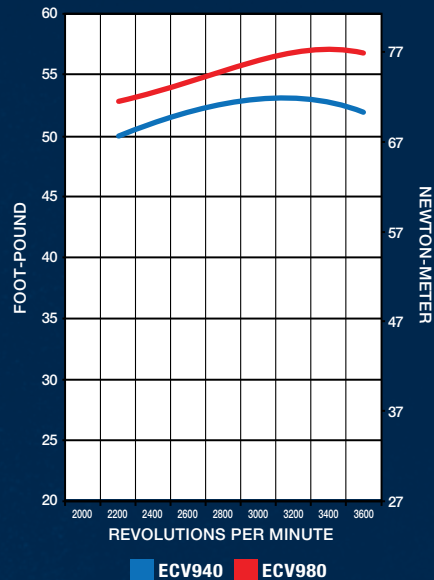
Command PRO® EFI

ECV940, ECV980

MAXIMUM POWER



MAXIMUM TORQUE



Command PRO® EFI



35-38 HP

ECV940

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty 3-Yr Commercial

Engine Type
Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum block
Additional Features
Large-capacity air, fuel and oil filters; high-performance spark plugs; hydraulic valve lifters

MODEL		ECV940	ECV980
GROSS POWER @ 3600 RPM	max. hp (kW)	35 (26.1)	38 (28.3)
DISPLACEMENT	cu in (cc)	61.0 (999)	
BORE	in (mm)	3.5 (90)	
STROKE	in (mm)	3.1 (79)	
PEAK TORQUE @ RPM	ft-lb (Nm)	53.0 (71.8) @ 3200	56.9 (77.2) @ 3400
COMPRESSION RATIO		8.8:1	
DRY WEIGHT	lb (kg)	134 (61)	
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)	
LUBRICATION		Full-pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H	in (mm)	22.1 x 19.1 x 26.8 (560 x 485 x 681)	

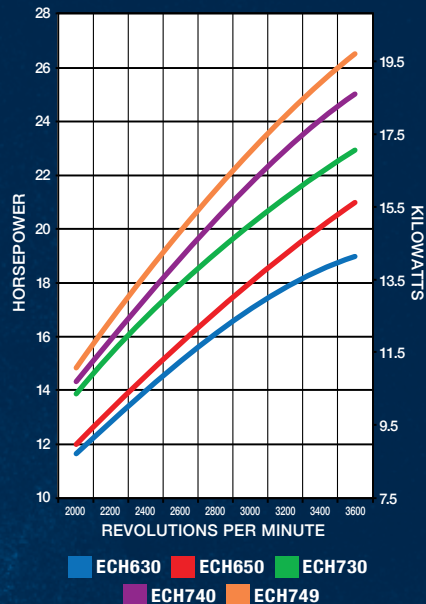
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

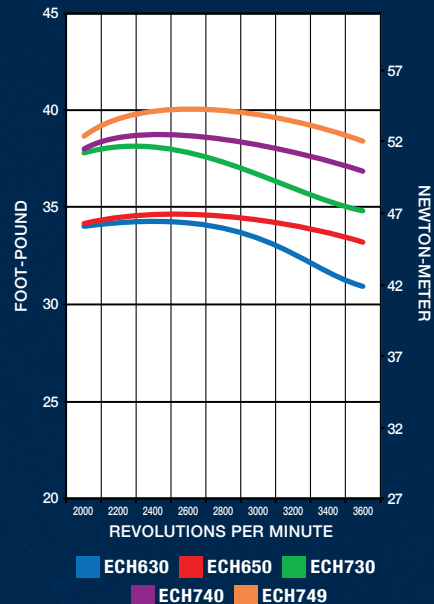
Command PRO® EFI

ECH630, ECH650, ECH730,
ECH740, ECH749

MAXIMUM POWER



MAXIMUM TORQUE



Command PRO® EFI



19-26.5 HP

ECH749

Cooling	Air	Engine Type
Cylinders	V-Twin	Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum block
Shaft	Horizontal	Additional Features
Warranty	3-Yr Commercial	Large-capacity air, fuel and oil filters; high-performance spark plugs; hydraulic valve lifters

MODEL		ECH630	ECH650	ECH730	ECH740	ECH749
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	21 (15.7)	23 (17.2)	25 (18.6)	26.5 (19.8)
DISPLACEMENT	cu in (cc)	42.4 (694)		45.6 (747)		
BORE	in (mm)	3.2 (80)		3.3 (83)		
STROKE	in (mm)	2.7 (69)				
PEAK TORQUE @ RPM	ft-lb (Nm)	34.2 (46.4) @ 2200	34.5 (46.8) @ 2600	38.1 (51.7) @ 2200	38.8 (52.6) @ 2400	40.0 (54.2) @ 2600
COMPRESSION RATIO		8.7:1		9.1:1		
DRY WEIGHT	lb (kg)	108 (49)				
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)				
LUBRICATION		Full-pressure lubrication with full-flow filter				
DIMENSIONS* L x W x H	in (mm)	Low-profile air cleaner 14.6 x 18.2 x 18.7 (371 x 462 x 475) Heavy-duty air cleaner 14.8 x 18.9 x 24.5 (376 x 480 x 622)				

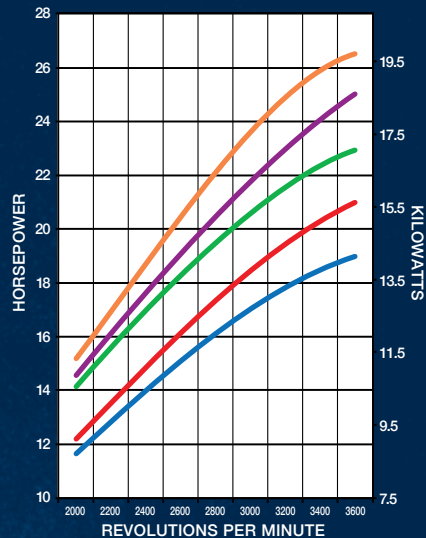
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Command PRO® EFI

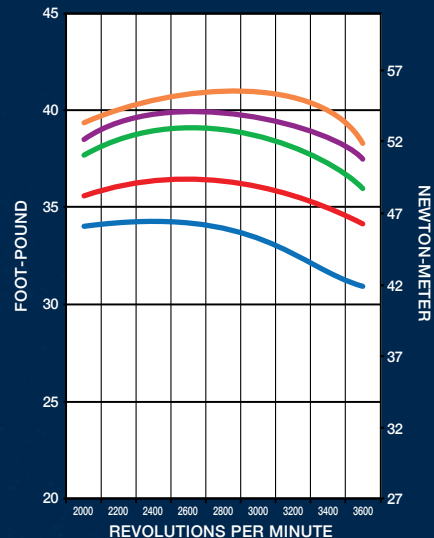
ECV630, ECV650, ECV730,
ECV740, ECV749

MAXIMUM POWER



ECV630 ECV650 ECV730
ECV740 ECV749

MAXIMUM TORQUE



ECV630 ECV650 ECV730
ECV740 ECV749

Command PRO® EFI



19-26.5 HP

ECV749

Cooling	Air	Engine Type	Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum block
Cylinders	V-Twin	Additional Features	Large-capacity air, fuel and oil filters; high-performance spark plugs; hydraulic valve lifters
Shaft	Vertical		
Warranty	3-Yr Commercial		

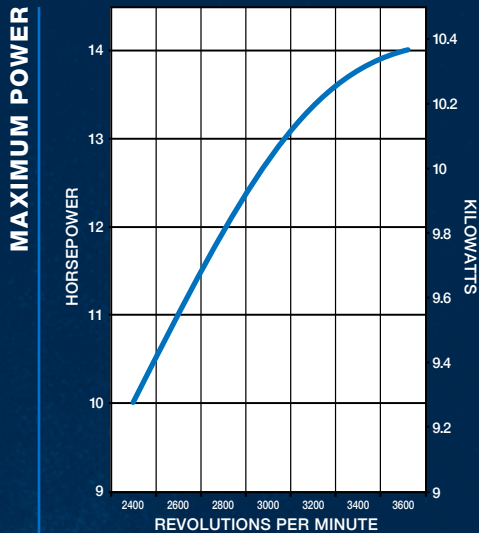
MODEL		ECV630	ECV650	ECV730	ECV740	ECV749
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	21 (15.7)	23 (17.2)	25 (18.6)	26.5 (19.8)
DISPLACEMENT	cu in (cc)	42.4 (694)		45.6 (747)		
BORE	in (mm)	3.2 (80)		3.3 (83)		
STROKE	in (mm)	2.7 (69)				
PEAK TORQUE @ RPM	ft-lb (Nm)	34.2 (46.4) @ 2200	36.4 (46.8) @ 2600	39.1 (51.7) @ 2200	39.9 (52.6) @ 2400	40.9 (54.2) @ 2600
COMPRESSION RATIO		8.7:1		9.1:1		
DRY WEIGHT	lb (kg)	108 (49)				
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)				
LUBRICATION		Full-pressure lubrication with full-flow filter				
DIMENSIONS* L x W x H	in (mm)	Low-profile air cleaner 17.9 x 18.3 x 14.5 (455 x 465 x 368) Heavy-duty air cleaner 21.3 x 18.5 x 17.6 (541 x 470 x 447)				

RATED PER SAE J1940 GROSS

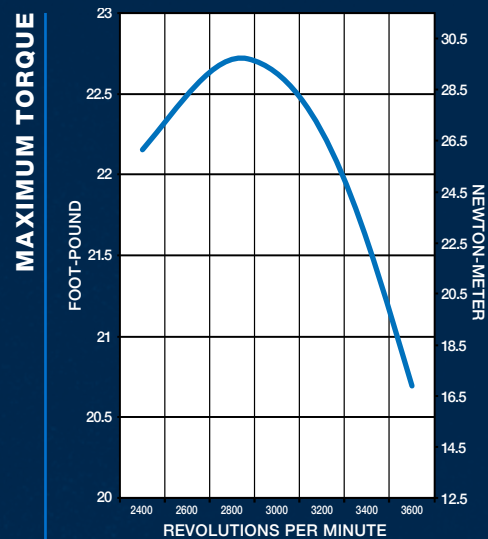
*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Command PRO® EFI

ECH440, ECH440LE



ECH440, ECH440LE



ECH440, ECH440LE

Command PRO® EFI



14 HP

ECH440

Cooling	Air	Engine Type	Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum head and crankcase.
Cylinders	Single	Additional Features	Quad-Clean™ four-stage cyclonic air cleaner, dual ball bearings, large metal fuel tank, ECH440LE includes catalytic muffler.
Shaft	Horizontal		
Warranty	3-Yr Commercial		

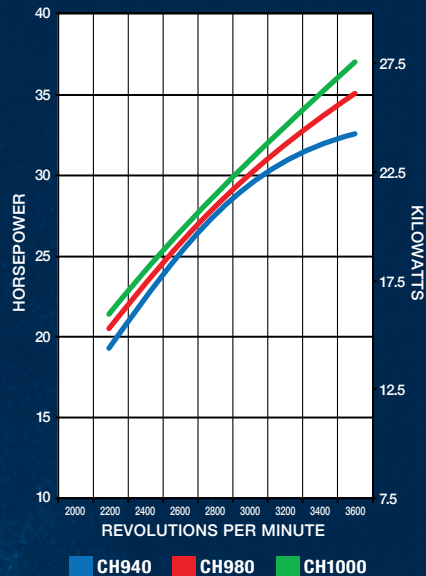
MODEL		ECH440	ECH440LE
GROSS POWER @ 3600 RPM	max. hp (kW)	14 (10.5)	
DISPLACEMENT	cu in (cc)	26.2 (429)	
BORE	in (mm)	3.5 (89)	
STROKE	in (mm)	2.7 (69)	
PEAK TORQUE @ RPM	ft-lb (Nm)	22.7 (30.8) @ 2800	
COMPRESSION RATIO		8.3:1	
DRY WEIGHT	lb (kg)	72.8 (33)	
OIL CAPACITY	U.S. qt (L)	1.16 (1.1)	
FUEL CAPACITY	U.S. qt (L)	7.4 (7)	
LUBRICATION		Splash	
DIMENSIONS* L x W x H	in (mm)	12.7 x 17.8 x 18.4 (324 x 452 x 467)	Consult factory for dimensions

RATED PER SAE J1940 GROSS

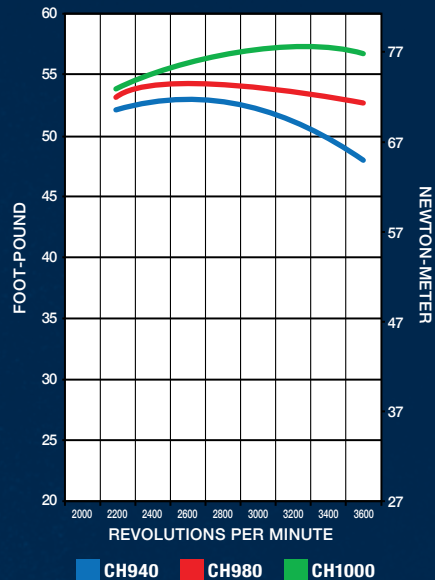
Command PRO[®]

CH940, CH980, CH1000

MAXIMUM POWER



MAXIMUM TORQUE



Command PRO®



32.5-37 HP

CH1000

Cooling Air
Cylinders V-Twin
Shaft Horizontal
Warranty 3-Yr Commercial

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block

Additional Features
Large-capacity air, fuel and oil filters; high-performance spark plugs; two-barrel carburetor; hydraulic valve lifters

MODEL		CH940	CH980	CH1000
GROSS POWER @ 3600 RPM	max. hp (kW)	32.5 (24.2)	35 (26)	37 (27.5)
DISPLACEMENT	cu in (cc)	61 (999)		
BORE	in (mm)	3.5 (90)		
STROKE	in (mm)	3.1 (78.5)		
PEAK TORQUE @ RPM	ft-lb (Nm)	53.5 (71.8) @ 2600	54.3 (73.6) @ 2400	57.4 (77.8) @ 3200
COMPRESSION RATIO		8.8:1		
DRY WEIGHT	lb (kg)	131 (60)		
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)		
LUBRICATION		Full-pressure lubrication with full-flow filter		
DIMENSIONS* L x W x H	in (mm)	Low-profile air cleaner 15.8 x 19.1 x 23.6 (402 x 484 x 600) Heavy-duty air cleaner 17.1 x 19.1 x 27.5 (435 x 484 x 699)		

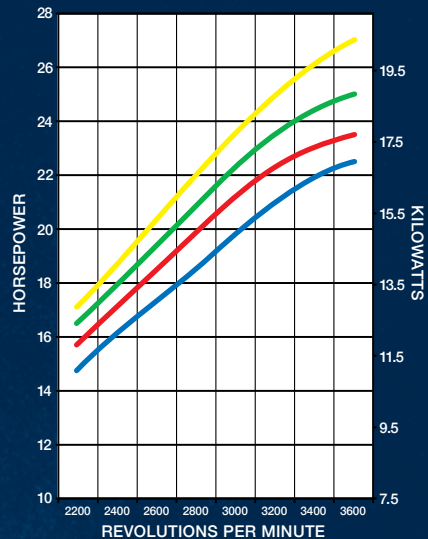
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Command PRO[®]

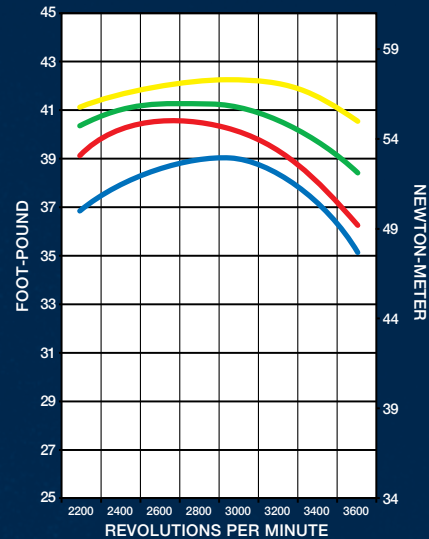
CH620, CH640, CH682, CH732,
CH742, CH752

MAXIMUM POWER



CH682 CH732
CH742 CH752

MAXIMUM TORQUE



CH682 CH732
CH742 CH752

Command PRO®



19-27 HP

CH742

Cooling	Air	Engine Type	Four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block
Cylinders	V-Twin	Additional Features	Large-capacity air, fuel and oil filters; high-performance spark plugs; two-barrel carburetor (only CH682, CH732, CH742, CH752); hydraulic valve lifters; heavy-duty air cleaner
Shaft	Horizontal		
Warranty	3-Yr Commercial		

MODEL		CH620	CH640	CH682	CH732	CH742	CH752
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	20.5 (15.3)	22.5 (16.8)	23.5 (17.5)	25 (18.6)	27 (20.1)
DISPLACEMENT	cu in (cc)	41.1 (674)		42.4 (694)	45.6 (747)		
BORE	in (mm)	3.1 (80)			3.3 (83)		
STROKE	in (mm)	2.6 (67)		2.7 (69)			
PEAK TORQUE @ RPM	ft-lb (Nm)	35.0 (47.5) @ 2400	35.7 (48.4) @ 2400	38.9 (52.7) @ 3000	40.4 (54.8) @ 2600	41.2 (55.9) @ 2600	42.2 (57.2) @ 3000
COMPRESSION RATIO		8.5:1		8.7:1	9.1:1		
DRY WEIGHT	lb (kg)	90 (41)		105 (48)			
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)					
LUBRICATION		Full-pressure lubrication with full-flow filter					
DIMENSIONS* L x W x H	in (mm)	CH620 – 640: 14 x 17.7 x 26.5 (355 x 451 x 672) CH682 – 752: 14.6 x 17.7 x 24.5 (371 x 451 x 622)					

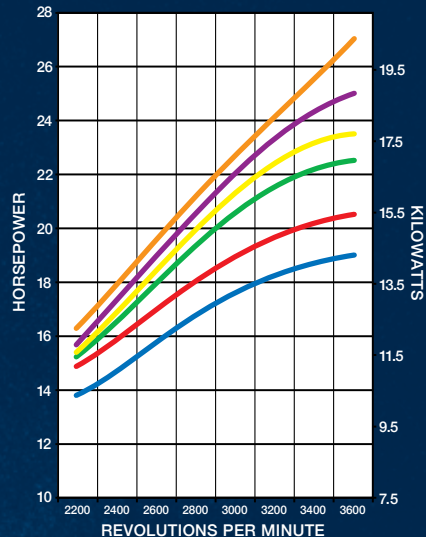
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting surface.

Command PRO®

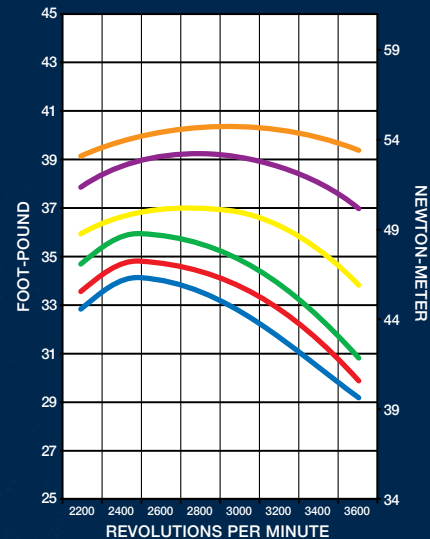
CH620, CH640, CH680, CH730,
CH740, CH750

MAXIMUM POWER



CH620 CH640 CH680
CH730 CH740 CH750

MAXIMUM TORQUE



CH620 CH640 CH680
CH730 CH740 CH750

Command PRO®



19-27 HP

CH750

Cooling Air
Cylinders V-Twin
Shaft Horizontal
Warranty 3-Yr Commercial

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block
Additional Features
Large-capacity air, fuel and oil filters; high-performance spark plugs; two-barrel carburetor (CH750); hydraulic valve lifters

MODEL		CH620	CH640	CH680	CH730	CH740	CH750
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	20.5 (15.3)	22.5 (16.8)	23.5 (17.5)	25 (18.6)	27 (20.1)
DISPLACEMENT	cu in (cc)	41.1 (674)			44.2 (725)		45.6 (747)
BORE	in (mm)	3.1 (80)			3.3 (83)		
STROKE	in (mm)	2.6 (67)					2.7 (69)
PEAK TORQUE @ RPM	ft-lb (Nm)	35.0 (47.5) @ 2400	35.7 (48.4) @ 2400	36.8 (49.9) @ 2800	38.4 (52.1) @ 2800	39.2 (53.1) @ 3000	41.2 (55.9) @ 3200
COMPRESSION RATIO		8.5:1			9.0:1		9.4:1
DRY WEIGHT	lb (kg)	90 (41)					105 (48)
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)					
LUBRICATION		Full-pressure lubrication with full-flow filter					
DIMENSIONS* L x W x H	in (mm)	CH620 – 740: 14 x 17.7 x 19 (355 x 421 x 483) CH750: 14 x 17.7 x 22.4 (355 x 451 x 568)					

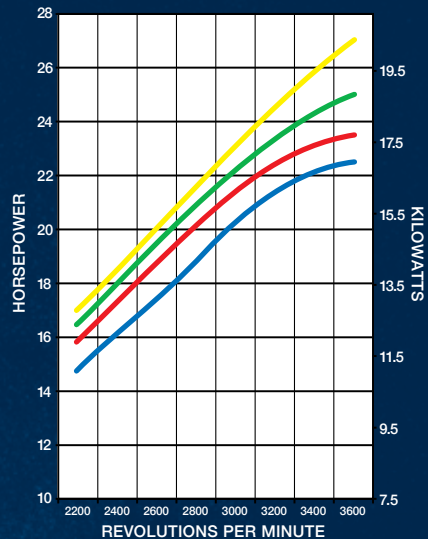
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Command PRO[®]

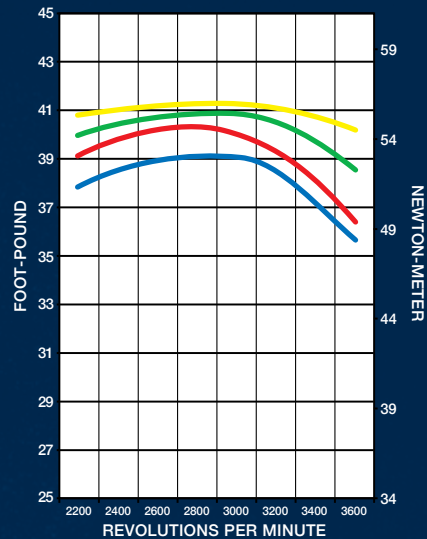
CV620, CV640, CV682, CV732,
CV742, CV752

MAXIMUM POWER



CV682 CV732
CV742 CV752

MAXIMUM TORQUE



CV682 CV732
CV742 CV752

Command PRO®



19-27 HP

CV732

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty 3-Yr Commercial

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block
Additional Features
Large-capacity air, fuel and oil filters; high-performance spark plugs; hydraulic valve lifters
two-barrel carburetor on only CV682, CV732, CV742, CV752 and heavy-duty air cleaner

MODEL		CV620	CV640	CV682	CV732	CV742	CV752
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	20.5 (15.3)	22.5 (16.8)	23.5 (17.5)	25 (18.6)	27 (20.1)
DISPLACEMENT	cu in (cc)	41.1 (674)		42.4 (694)	45.6 (747)		
BORE	in (mm)	3.1 (80)			3.3 (83)		
STROKE	in (mm)	2.6 (67)		2.7 (69)			
PEAK TORQUE @ RPM	ft-lb (Nm)	34.0 (46.1) @ 2400	34.7 (47) @ 2400	39.0 (52.9) @ 2800	40.3 (54.6) @ 2800	40.8 (55.3) @ 3000	41.2 (55.9) @ 3000
COMPRESSION RATIO		8.5:1		8.7:1	9.1:1		
DRY WEIGHT	lb (kg)	90 (41)		105 (48)			
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)					
LUBRICATION		Full-pressure lubrication with full-flow filter					
DIMENSIONS* L x W x H	in (mm)	CV620 – 640: 20.5 x 17.7 x 22.5 (521 x 451 x 572) CV682 – 752: 20.5 x 16.2 x 19.9 (521 x 413 x 506)					

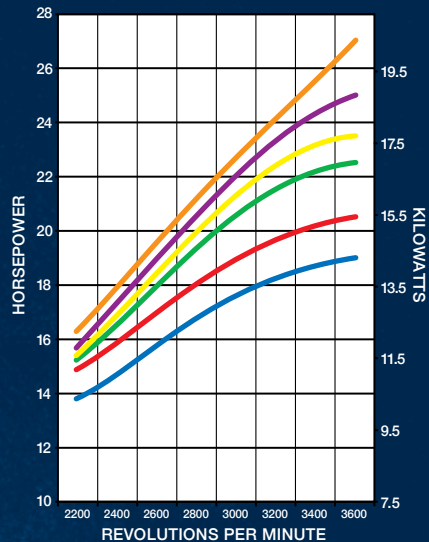
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting surface.

Command PRO[®]

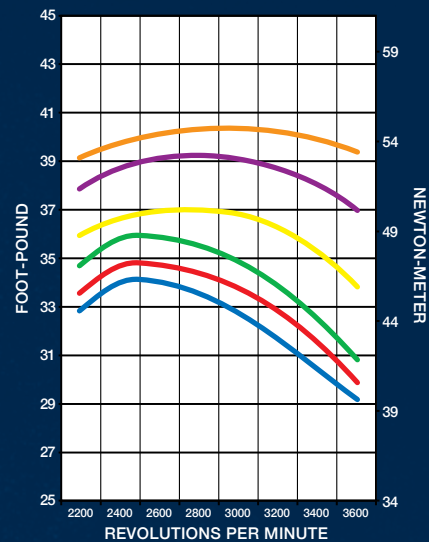
CV620, CV640, CV680, CV730,
CV740, CV750

MAXIMUM POWER



CV620 CV640 CV680
CV730 CV740 CV750

MAXIMUM TORQUE



CV620 CV640 CV680
CV730 CV740 CV750

Command PRO®



19-27 HP

CV680

Cooling	Air	Engine Type	Four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block
Cylinders	V-Twin	Additional Features	Large-capacity air, fuel and oil filters; high-performance spark plugs; hydraulic valve lifters
Shaft	Vertical		
Warranty	3-Yr Commercial		

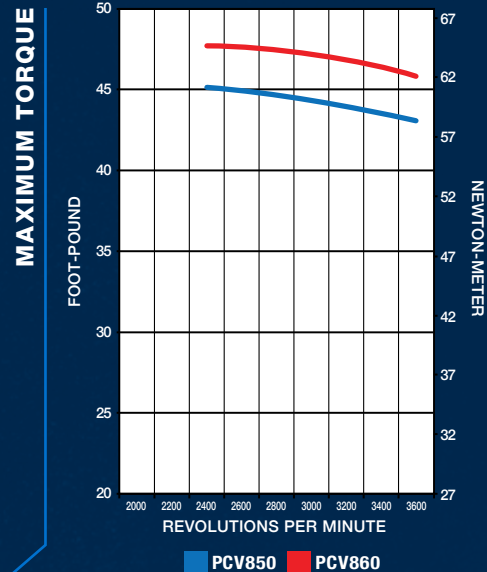
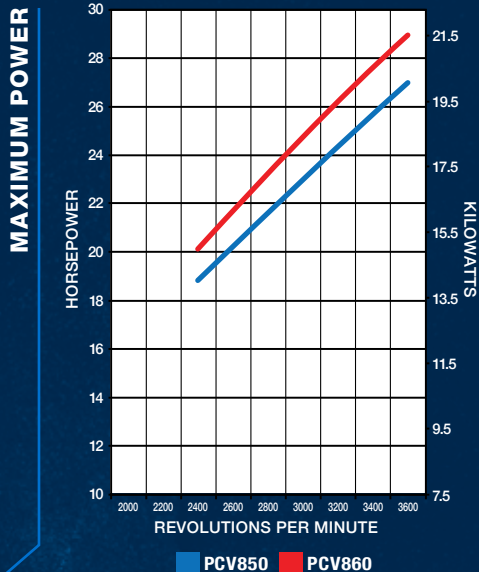
MODEL		CV620	CV640	CV680	CV730	CV740	CV750
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	20.5 (15.3)	22.5 (16.8)	23.5 (17.5)	25 (18.6)	27 (20.1)
DISPLACEMENT	cu in (cc)	41.1 (674)			44.2 (725)		45.6 (747)
BORE	in (mm)	3.1 (80)			3.3 (83)		
STROKE	in (mm)	2.6 (67)					2.7 (69)
PEAK TORQUE @ RPM	ft-lb (Nm)	34.0 (46.1) @ 2400	34.7 (47) @ 2400	35.8 (48.5) @ 2400	36.9 (50) @ 2800	39.2 (53.1) @ 2800	40.3 (54.6) @ 3000
COMPRESSION RATIO		8.5:1			9.0:1		9.4:1
DRY WEIGHT	lb (kg)	90 (41)			94 (43)		105 (48)
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)					
LUBRICATION		Full-pressure lubrication with full-flow filter					
DIMENSIONS* L x W x H	in (mm)	17.8 x 17.7 x 14.1 (452 x 451 x 358)					

RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting feet.

Command PRO® EFI Propane 824 cc

PCV850, PCV860



Command PRO® EFI
Propane 824 cc



27-29 HP

PCV860

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty 3-Yr Commercial

Engine Type
Closed-loop EFI propane, four-cycle, OHV, cast-iron cylinder liners, aluminum block
Additional Features
Engine-mounted ECU and fuel pressure regulator; large-capacity air, fuel and oil filters; patent-pending intake manifold; dual spark plugs; easy-access clean-out covers

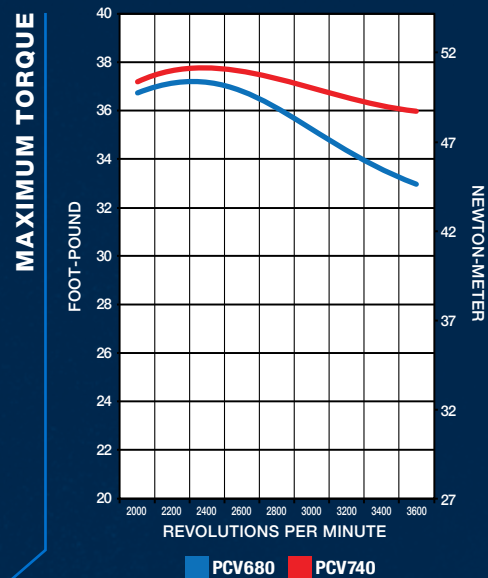
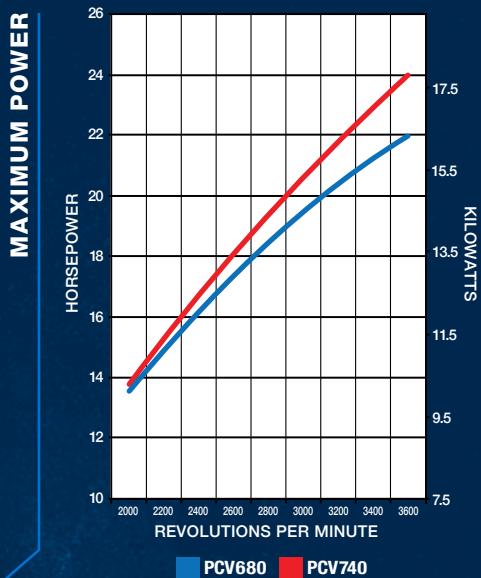
MODEL		PCV850	PCV860
GROSS POWER @ 3600 RPM max. hp (kW)		27 (20.1)	29 (21.6)
DISPLACEMENT	cu in (cc)	50.3 (824)	
BORE	in (mm)	3.4 (86)	
STROKE	in (mm)	2.8 (71)	
PEAK TORQUE @ RPM	ft-lb (Nm)	45.2 (61.2) @ 2400	47.7 (64.7) @ 2400
COMPRESSION RATIO		8.9:1	
DRY WEIGHT	lb (kg)	136 (61.7)	
OIL CAPACITY	U.S. qt (L)	2.7 (2.6)	
LUBRICATION		Full-pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H	in (mm)	21.9 x 20.5 x 24 (556 x 520 x 610)	

RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Command PRO® EFI Propane

PCV680, PCV740



Command PRO® EFI Propane



22-24 HP

PCV740

Cooling	Air	Engine Type	Closed-loop EFI propane, four-cycle, OHV, cast-iron cylinder liners, aluminum block
Cylinders	V-Twin	Additional Features	Engine-mounted ECU and fuel pressure regulator, large-capacity air and oil filters, hydraulic valve lifters
Shaft	Vertical		
Warranty	3-Yr Commercial		

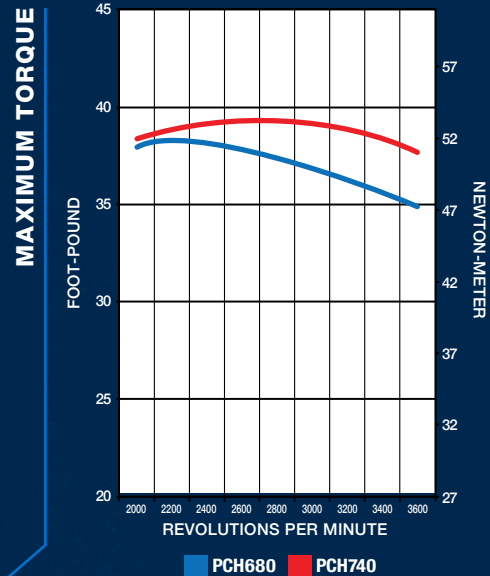
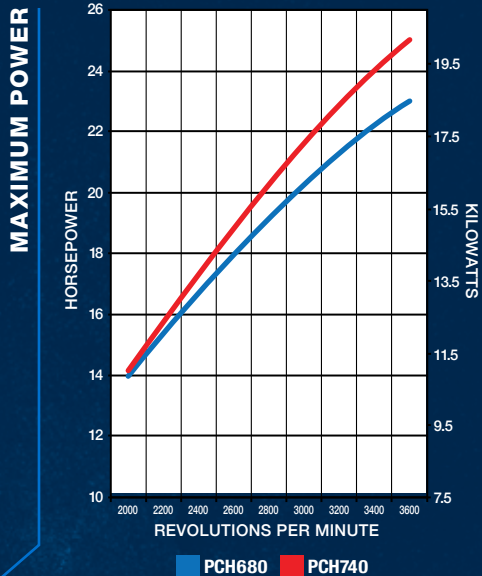
MODEL		PCV680	PCV740
GROSS POWER @ 3600 RPM	max. hp (kW)	22 (16.4)	24 (17.9)
DISPLACEMENT	cu in (cc)	45 (747)	
BORE	in (mm)	3.3 (83)	
STROKE	in (mm)	2.7 (69)	
PEAK TORQUE @ RPM	ft-lb (Nm)	36.7 (49.8) @ 2200	37.3 (50.6) @ 2400
COMPRESSION RATIO		9.1:1	
DRY WEIGHT	lb (kg)	108 (49)	
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)	
LUBRICATION		Full-pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H	in (mm)	Heavy-duty air cleaner 21.3 x 18.5 x 17.6 (541 x 470 x 447)	

RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting feet.

Command PRO[®] EFI Propane

PCH680, PCH740



Command PRO® EFI
Propane



23-25 HP PCH740

Cooling	Air	Engine Type	Closed-loop EFI propane, four-cycle, OHV, cast-iron cylinder liners, aluminum block
Cylinders	V-Twin	Additional Features	Engine-mounted ECU and fuel pressure regulator, large-capacity air and oil filters, hydraulic valve lifters
Shaft	Horizontal		
Warranty	3-Yr Commercial		

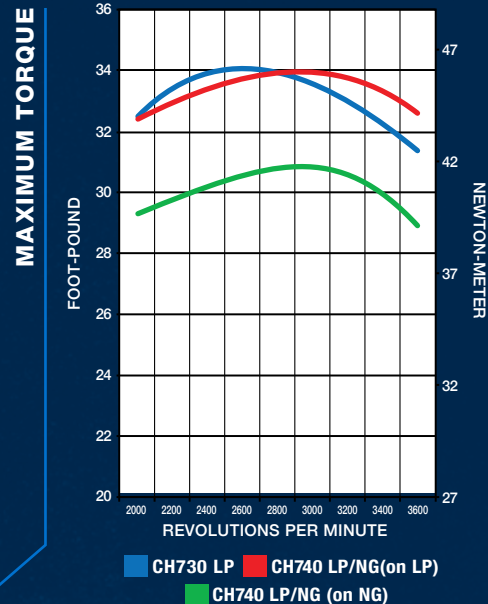
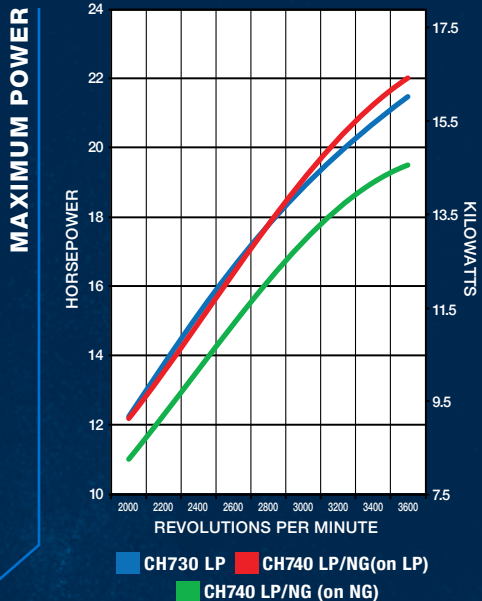
MODEL		PCH680	PCH740
GROSS POWER @ 3600 RPM	max. hp (kW)	23 (17.1)	25 (18.6)
DISPLACEMENT	cu in (cc)	45 (747)	
BORE	in (mm)	3.3 (83)	
STROKE	in (mm)	2.7 (69)	
PEAK TORQUE @ RPM	ft-lb (Nm)	38.0 (51.5) @ 2200	39.0 (52.8) @ 2800
COMPRESSION RATIO		9.1:1	
DRY WEIGHT	lb (kg)	108 (49)	
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)	
LUBRICATION		Full-pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H	in (mm)	Low profile air cleaner 14.6 x 18.2 x 18.7 (371 x 462 x 475) Heavy-duty air cleaner 14.8 x 18.9 x 24.5 (376 x 480 x 622)	

RATED PER SAE J1940 GROSS

*Length is grass screen to PTO mounting face. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting feet.

Command PRO[®] Carbureted Propane and Natural Gas

CH730LP, CH740LP/NG



Command PRO[®] Carbureted Propane and Natural Gas



19.5-22 HPCH730LP

Cooling Air
Cylinders V-Twin
Shaft Horizontal
Warranty 3-Yr Commercial

Engine Type
Carbureted propane (CH730LP) and propane/natural gas (CH740 LP/NG),
Four-cycle, OHV, cast-iron cylinder liners, aluminum block
Additional Features
Large-capacity air and oil filters, high-performance spark plugs, hydraulic valve lifters

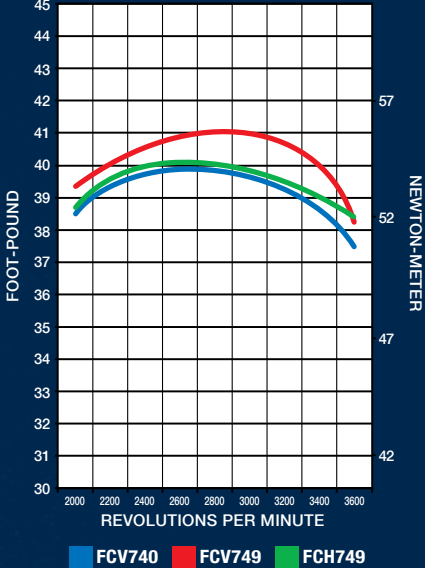
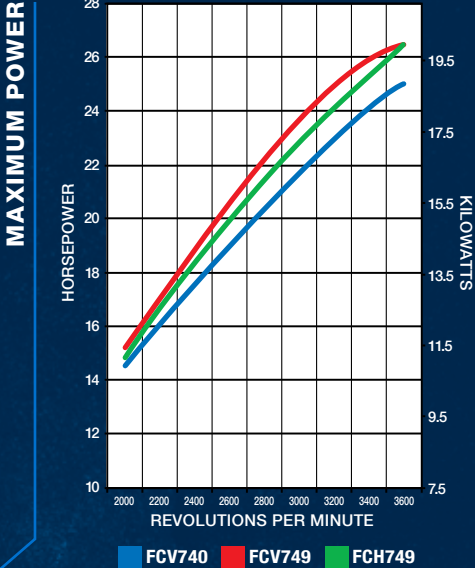
MODEL	CH730LP	CH740LP	CH740NG
FUEL	LP	LP	NG
GROSS POWER @ 3600 RPM <small>max. hp (kW)</small>	21.5 (16.0)	22 (16.4)	19.5 (14.5)
DISPLACEMENT <small>cu in (cc)</small>	44 (725)		
BORE <small>in (mm)</small>	3.3 (83)		
STROKE <small>in (mm)</small>	2.6 (67)		
PEAK TORQUE @ RPM <small>ft-lb (Nm)</small>	34.0 (46.1) @ 2600	33.9 (46.0) @ 3000	30.8 (41.8) @ 3000
COMPRESSION RATIO	9.0:1		
DRY WEIGHT <small>lb (kg)</small>	108 (49)	94 (43)	
OIL CAPACITY <small>U.S. qt (L)</small>	2.0 (1.9)		
LUBRICATION	Full-pressure lubrication with full-flow filter		
DIMENSIONS* <small>L x W x H</small> <small>in (mm)</small>	14 x 17.7 x 19 (356 x 450 x 483)		

RATED PER SAE J1940 GROSS

*Length is grass screen to PTO mounting face. Width is spark plug to spark plug. Height is top of air cleaner cover to mounting feet.

Command PRO® EFI Flex Fuel

FCV740, FCV749, FCH749



Command PRO® EFI
Flex Fuel



25-26.5 HP FCH749

Cooling Air
Cylinders V-Twin
Shaft Vertical/Horizontal
Warranty 3-Yr Commercial

Engine Type
Closed-loop Flex Fuel EFI up to E85, four-cycle, OHV, cast-iron cylinder liners, aluminum block

Additional Features
Engine-mounted ECU, large-capacity air and oil filters, hydraulic valve lifters

MODEL		FCV740	FCV749	FCH749
GROSS POWER @ 3600 RPM	max. hp (kW)	25 (18.6)	26.5 (19.8)	26.5 (19.8)
DISPLACEMENT	cu in (cc)	45.6 (747)		
BORE	in (mm)	3.3 (83)		
STROKE	in (mm)	2.7 (69)		
PEAK TORQUE @ RPM	ft-lb (Nm)	39.9 (54.1) @ 2400	40.9 (55.5) @ 3000	40.0 (54.2) @ 2600
COMPRESSION RATIO		9.1: 1		
DRY WEIGHT	lb (kg)	108 (49)		
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)		
LUBRICATION		Full-pressure lubrication with full-flow filter		
DIMENSIONS* L x W x H	in (mm)	CV: 14.8 x 18.9 x 24.5 (376 x 480 x 622) CH: 14.0 x 17.7 x 19.0 (541 x 470 x 447)		

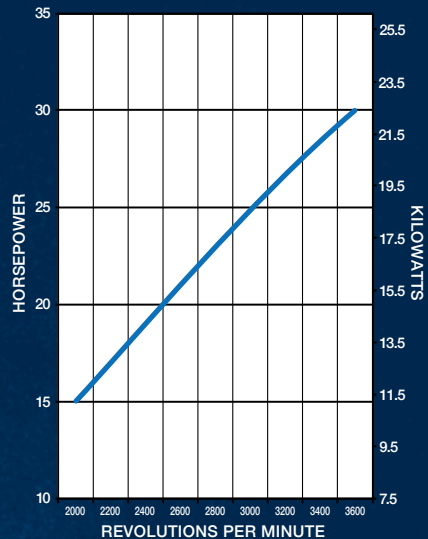
RATED PER SAE J1940 GROSS

*Length is front to rear of engine. Width is valve cover to valve cover. Height is mounting surface to top of air cleaner.

Aegis®

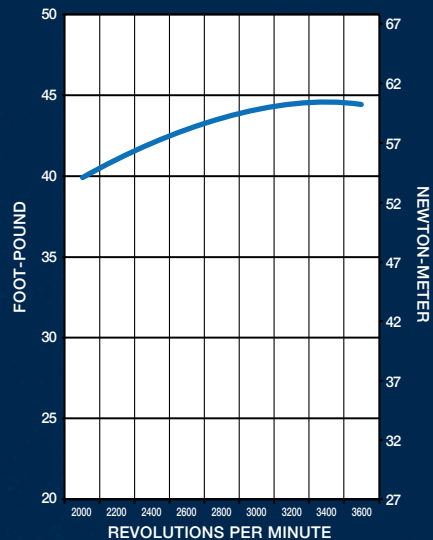
ELH750, ELH775

MAXIMUM POWER



■ ELH775

MAXIMUM TORQUE



■ ELH775

Aegis®



27-30 HP

ELH775

Cooling	Liquid	Engine Type
Cylinders	V-Twin	Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block
Shaft	Horizontal	Additional Features
Warranty	3-Yr Commercial	Automotive-style radiator, heavy-duty air filter, hydraulic valve lifters

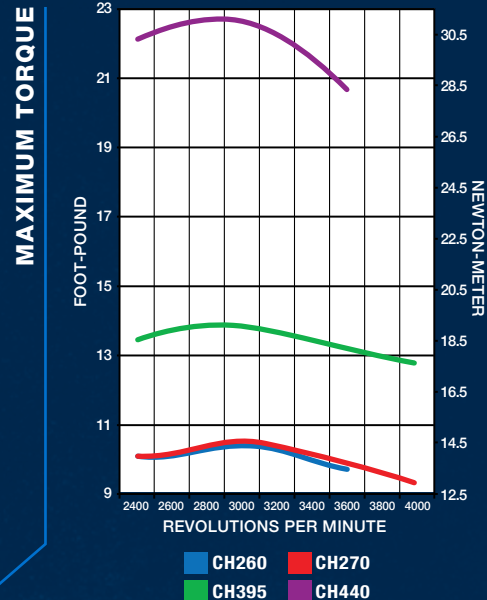
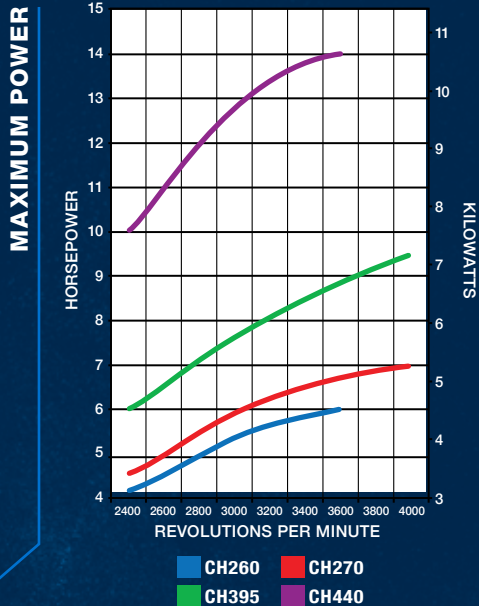
MODEL	ELH750	ELH775
GROSS POWER @ 3600 RPM max. hp (kW)	27 (20.1)	30 (22.4)
DISPLACEMENT cu in (cc)	46 (747)	
BORE in (mm)	3.3 (83)	
STROKE in (mm)	2.7 (69)	
PEAK TORQUE @ RPM ft-lb (Nm)	42.9 (58.2) @ 2400	44.6 (60.5) @ 3400
COMPRESSION RATIO	8.7:1	
DRY WEIGHT lb (kg)	116 (53)	
OIL CAPACITY U.S. qt (L)	2.0 (1.9)	
LUBRICATION	Full-pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H in (mm)	17 x 18.1 x 26.5 (432 x 460 x 673)	

RATED PER SAE J1940 GROSS

*Length is radiator to closure plate. Width is radiator from side to side. Height is mounting feet to rain cap.

Command PRO®

CH245, CH255, CH260, CH270,
CH395, CH440



Command PRO®



4.5-14 HP

CH245

Cooling Air
Cylinders Single
Shaft Horizontal
Warranty 3-Yr Commercial

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum head and crankcase
Additional Features
Quad-Clean™ four-stage cyclonic air cleaner, Fuel Secure™ (auto fuel shutoff), dual ball bearings, large metal fuel tank

MODEL		CH245	CH255	CH260	CH270	CH395	CH440
GROSS POWER @ RPM	max. hp (kW)	4.5 (3.3) @ 3600	5.5 (4.0) @ 3600	6 (4.5) @ 4000	7 (5.2) @ 4000	9.5 (7.1) @ 4000	14 (10.5) @ 3600
DISPLACEMENT	cu in (cc)	10.8 (177)		12.7 (208)		16.9 (277)	26.2 (429)
BORE	in (mm)	2.7 (68)		2.8 (70)		3.1 (78)	3.5 (89)
STROKE	in (mm)	1.9 (49)		2.1 (54)		2.3 (58)	2.7 (69)
PEAK TORQUE @ RPM	ft-lb (Nm)	7.2 (9.8) @ 2800	8.3 (11.2) @ 2800	10.4 (14.1) @ 3000	10.5 (14.2) @ 3000	13.9 (18.8) @ 2800	22.7 (30.8) @ 2800
COMPRESSION RATIO		8.5:1		8.8:1			8.3:1
DRY WEIGHT	lb (kg)	33.2 (15)		38.7 (17.5)		61.5 (27.9)	72.8 (33)
OIL CAPACITY	U.S. qt (L)	0.6 (0.6)				1.16 (1.3)	
FUEL CAPACITY	U.S. qt (L)	3.1 (3.0)		4.2 (4)		7.4 (7)	
LUBRICATION		Splash					
DIMENSIONS* L x W x H	in (mm)	10.3 x 15.2 x 15.2 (261 x 385 x 386)		10.3 x 15.2 x 15.1 (260 x 385 x 384)		12.4 x 17.8 x 16.8 (315 x 452 x 428)	12.7 x 17.8 x 18.4 (324 x 452 x 467)

RATED PER SAE J1940 GROSS

*Length is recoil starter to PTO mounting surface. Height is with USA 50 state evap fuel cap.

Commercial / 40

Command PRO[®] Tri-Fuel

CH270TF, CH395TF, CH440TF

Command PRO®
Tri-Fuel



7-14 HPCH440TF

Cooling	Air	Engine Type	Four-cycle, tri-fuel conversion, OHV, cast-iron cylinder liner, aluminum head and crankcase
Cylinders	Single	Additional Features	Quad-Clean™ four-stage cyclonic air cleaner, Fuel Secure™ (auto fuel shutoff), dual ball bearings, large metal fuel tank
Shaft	Horizontal		
Warranty	3-Yr Commercial		

MODEL		CH270TF	CH395TF	CH440TF
GROSS POWER GASOLINE	max. hp (kW)	7 (5.2) @ 4000	9.5 (7.1)@ 4000	14 (10.5) @ 3600
LIQUID PROPANE		6.3 (4.7) @ 4000†	8.5 (6.4) @ 4000†	12.5 (9.5) @ 3600†
NATURAL GAS		5.5 (4.2) @ 4000†	7.5 (5.7) @ 4000†	11.2 (8.4) @ 3600†
DISPLACEMENT	cu in (cc)	12.7 (208)	16.9 (277)	26.2 (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))
PEAK TORQUE @ RPM	ft-lb (Nm)	10.5 (14.2) @ 3000	13.9 (18.8) @ 2800	22.7 (30.8) @ 2800
COMPRESSION RATIO		8.8:1		8.3:1
DRY WEIGHT	lb (kg)	38.7 (17.5)	61.5 (27.9)	72.8 (33)
OIL CAPACITY	U.S. qt (L)	0.6 (0.6)	1.16 (1.1)	
FUEL CAPACITY	U.S. qt (L)	4.2 (4)	7.4 (7)	
LUBRICATION		Splash		
DIMENSIONS* L x W x H	in (mm)	10.3 x 15.2 x 15.1 (260 x 385 x 384)	12.4 x 17.8 x 16.8 (315 x 452 x 428)	12.7 x 17.8 x 18.4 (324 x 452 x 467)

RATED PER SAE J1940 GROSS

*Length is recoil starter to PTO mounting surface. Height is with USA 50 state evap fuel cap.
†HP data for liquid propane and natural gas are preliminary.

Commercial / 42

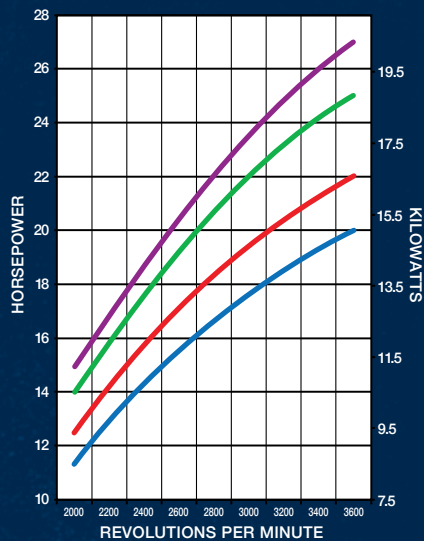


COMMERCIAL / CONSUMER

Confidant® EFI

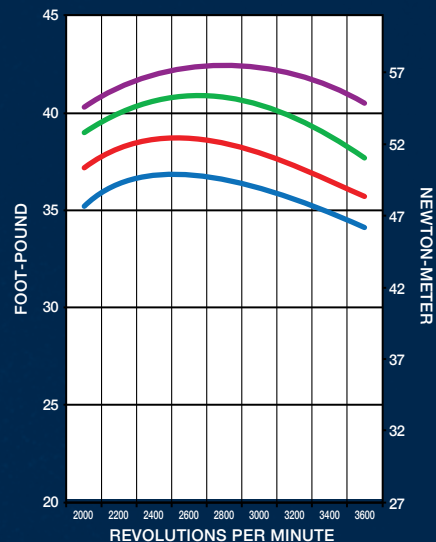
EZT715, EZT725, EZT740, EZT750

MAXIMUM POWER



■ EZT715 ■ EZT725
■ EZT740 ■ EZT750

MAXIMUM TORQUE



■ EZT715 ■ EZT725
■ EZT740 ■ EZT750

Confidant®EFI

Cooling
Cylinders
Shaft
Warranty

Air
V-Twin
Vertical
3-Yr Commercial

Engine Type
Closed-loop EFI, four-cycle, OHV, cast-iron cylinder liners, aluminum block
Additional Features
Consistent-Cut.™ technology for more consistent power; large capacity air, fuel and oil filters; chopper grass screen with stamped-steel guard; recoil-start option for wide-area walk-behind and stand-on mowers



20-27 HP EZT750

MODEL		EZT715	EZT725	EZT740	EZT750
GROSS POWER @ 3600 RPM	max. hp (kW)	20 (14.9)	22 (16.4)	25 (18.6)	27 (20.1)
DISPLACEMENT	cu in (cc)	44.2 (725)		45.6 (747)	
BORE	in (mm)	3.3 (83)			
STROKE	in (mm)	2.6 (67)		2.7 (69)	
PEAK TORQUE @ RPM	ft-lb (Nm)	36.8 (49.9) @ 2400	38.8 (52.6) @ 2600	40.9 (55.5) @ 2600	42.4 (57.5) @ 2800
COMPRESSION RATIO		9.0:1			
DRY WEIGHT	lb (kg)	91 (41.3)			
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)			
LUBRICATION		Full-pressure lubrication with full-flow filter			
DIMENSIONS* L x W x H	in (mm)	Standard: 18.8 x 18.9 x 17 (478 x 479 x 431)			

RATED PER SAE J1940 GROSS

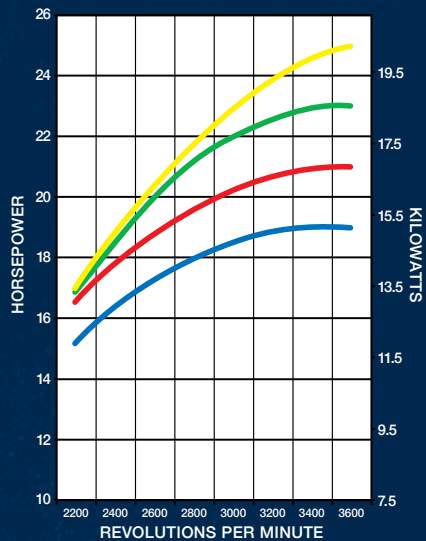
*Length is front of air cleaner cover to back of blower housing. Width is side to side. Height is mounting surface to grass screen.

Commercial/Consumer / 46

Confidant®

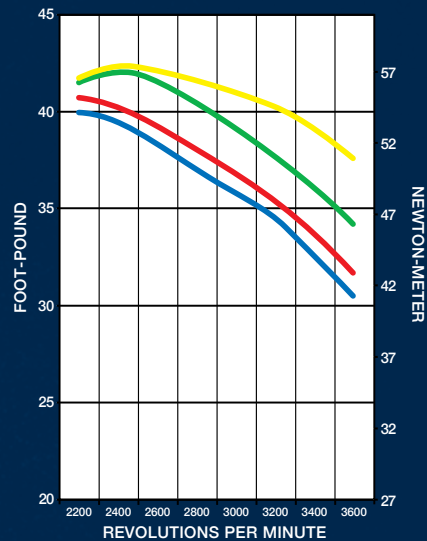
ZT710, ZT720, ZT730, ZT740

MAXIMUM POWER



ZT710 ZT720
ZT730 ZT740

MAXIMUM TORQUE



ZT710 ZT720
ZT730 ZT740

Confidant®

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty 2-Yr Commercial
3-Yr Consumer

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder bores, aluminum block

Additional Features
Consistent-Cut. technology for more consistent power; PRO Performance air, oil and fuel filters; high-impact nylon shroud. Available in electric starting (all models) or recoil starting (ZT710/ZT720 only).

Premium Options
Commercial Durability Package (includes 3-year commercial warranty); chopper grass screen, cyclonic heavy-duty air cleaner, solenoid shift starter, eChoke. technology



19-25 HP ZT720

MODEL		ZT710	ZT720	ZT730	ZT740
GROSS POWER @ 3600 RPM	max. hp (kW)	19 (14.2)	21 (15.7)	23 (17.2)	25 (18.6)
DISPLACEMENT	cu in (cc)	44 (725)		46 (747)	
BORE	in (mm)	3.3 (83)			
STROKE	in (mm)	2.6 (67)		2.7 (69)	
PEAK TORQUE @ RPM	ft-lb (Nm)	40.0 (54.2) @ 2200	40.7 (55.2) @ 2200	42.1 (57.1) @ 2400	42.4 (57.5) @ 2400
COMPRESSION RATIO		9.0:1			
DRY WEIGHT	lb (kg)	91 (41.3)			
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)			
LUBRICATION		Full-pressure lubrication with full-flow filter			
DIMENSIONS* L x W x H	in (mm)	18.8 x 17.5 x 14.9 (478 x 443 x 378) With cyclonic filter: 18.8 x 17.5 x 17 (478 x 443 x 431)			

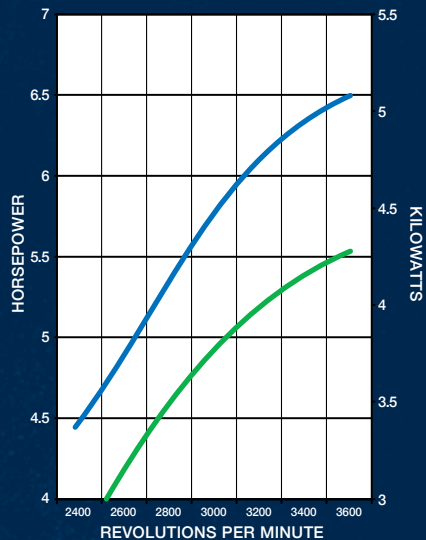
RATED PER SAE J1940 GROSS

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

SH Series™

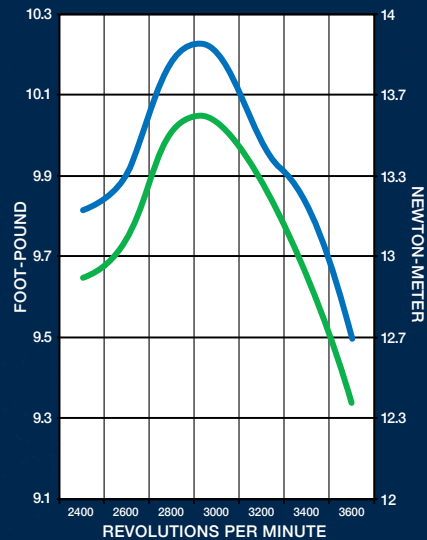
SH255, SH265

MAXIMUM POWER



SH255 SH265

MAXIMUM TORQUE



SH255 SH265

SH Series™



5.5-6.5 HP

SH265

Cooling Air
Cylinders Single
Shaft Horizontal
Warranty 2-Yr Consumer

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder liner, aluminum block

Additional Features
Dual oil fills and drains, dual-element air cleaner, large metal fuel tank

MODEL		SH255	SH265
GROSS POWER @ 3600 RPM	max. hp (kW)	5.5 (4.2)	6.5 (4.8)
DISPLACEMENT	cu in (cc)	12 (196)	
BORE	in (mm)	2.7 (68)	
STROKE	in (mm)	2.1 (54)	
PEAK TORQUE @ RPM	ft-lb (Nm)	10.0 (13.6) @ 3000	10.2 (13.8) @ 3000
COMPRESSION RATIO		8.5:1	
DRY WEIGHT	lb (kg)	35.3 (16)	
OIL CAPACITY	U.S. qt (L)	0.6 (0.6)	
FUEL CAPACITY	U.S. qt (L)	3.4 (3.3)	
LUBRICATION		Splash	
DIMENSIONS* L x W x H	in (mm)	9.9 x 14.5 x 14.6 (253 x 369 x 371)	

RATED PER SAE J1940 GROSS

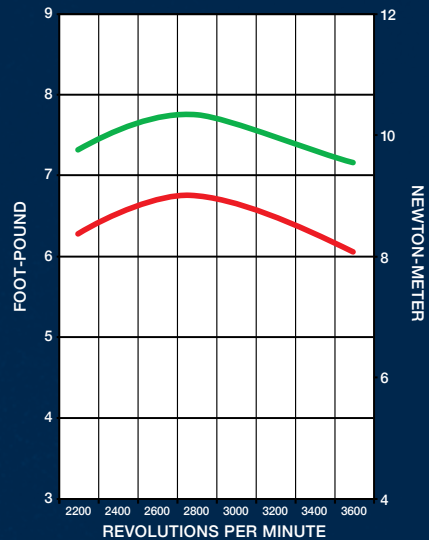
*Length is recoil starter to PTO mounting surface. Height is with USA 50 state evap fuel cap.

Commercial/Consumer / 50

HD Series™

HD675, HD775

MAXIMUM TORQUE



HD675 HD775

HD Series™



6.75-7.75 FT-LB GROSS TORQUE HD775

Cooling	Air	Engine Type
Cylinders	Single	Four-cycle, air-cooled, gasoline, OHV, cast-iron cylinder liners, aluminum block
Shaft	Vertical	Additional Features
Warranty	5-Yr Consumer 1-Yr Commercial	Based on commercial engine designs, heavy-duty cast-iron cylinder liners, platinum-tip spark plugs, high-mount dipstick, pre-cleaner, Accu-Fill. easy-to-fill fuel tank, Consistent-Cut. technology for more consistent power, Smart-Choke. with easy-pull, no-prime starting

MODEL		HD675	HD775
GROSS TORQUE @ 2800 RPM	ft lb (Nm)	6.75 (9.2)	7.75 (10.5)
DISPLACEMENT	cu in (cc)	9.1 (149)	10.6 (173)
BORE	in (mm)	2.6 (65)	2.7 (70)
STROKE	in (mm)	1.8 (45)	
COMPRESSION RATIO		9.2:1	8.5:1
DRY WEIGHT	lb (kg)	23.8 (10.8)	26.9 (12.2)
OIL CAPACITY	U.S. qt (L)	0.6 (0.6)	
FUEL CAPACITY	U.S. qt (L)	1.2 (1.1)	1.5 (1.4)
LUBRICATION		Splash	
DIMENSIONS* L x W x H	in (mm)	14.4 x 14 x 10.5 (366 x 356 x 267)	17.1 x 13.9 x 11 (434 x 353 x 279)

RATED PER SAE J1940 GROSS



CONSUMER

7500 Series™ EFI

EKT740, EKT750

7500 Series™ EFI



25-27 HP

EKT740

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty HD: 3-Yr Consumer
 90-Day Commercial
 PRO: 3-Yr Consumer
 1-Yr Commercial

Engine Type
 Closed-loop EFI, four-cycle, gasoline, OHV, cast-iron cylinder bore, aluminum block

Additional Features
 First-ever consumer twin cylinder EFI engine based on commercial engine designs, heavy-duty cast-iron cylinder liners, pressure lubrication, Consistent-Cut. technology for more consistent power, dual-sealed air filter, engineered and assembled in the U.S.A.

MODEL		EKT740	EKT750
GROSS POWER @ 3600 RPM	max. hp (kW)	25 (18.6)	27 (20.1)
DISPLACEMENT	cu in (cc)	45 (747)	
BORE	in (mm)	3.3 (83)	
STROKE	in (mm)	2.7 (69)	
PEAK TORQUE @ RPM	ft-lb (Nm)	39.4 (53.4) @ 2600	40.7 (55.2) @ 2600
COMPRESSION RATIO		9.1:1	
DRY WEIGHT	lb (kg)	85 (38.6)	
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)	
LUBRICATION		Pressure lubrication with full-flow filter	
DIMENSIONS* L x W x H	in (mm)	With HD Performance filtration: 18.6 x 17.5 x 13.9 (473 x 445 x 354) With PRO Performance filtration: 18.7 x 17.5 x 15.7 (475 x 445 x 399)	

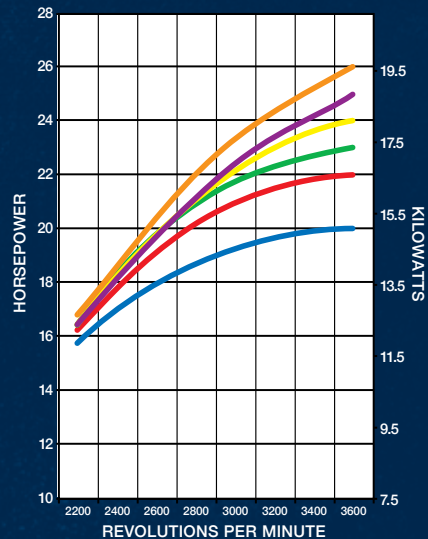
RATED PER SAE J1940 GROSS

*Length is front of air cleaner cover to back of blower housing. Width is side to side. Height is mounting surface to grass screen or air filter.

7000 Series™

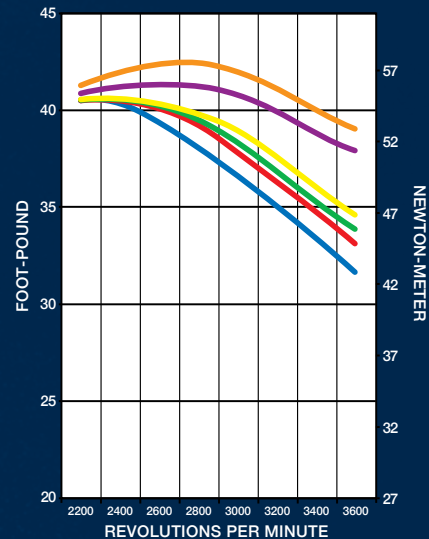
KT715, KT725, KT730, KT735, KT740, KT745

MAXIMUM POWER



KT715 KT725 KT730
KT735 KT740 KT745

MAXIMUM TORQUE



KT715 KT725 KT730
KT735 KT740 KT745

7000 Series™



20-26 HP

KT745

Cooling	Air
Cylinders	V-Twin
Shaft	Vertical
Warranty	3-Yr Consumer 90-Day Commercial†

Engine Type

Four-cycle, gasoline, OHV, cast-iron cylinder bore, aluminum block

Additional Features

Based on commercial engine designs, heavy-duty cast-iron cylinder liners, pressure lubrication, Consistent-Cut. technology for more consistent power, dual-sealed air filter, optional HD or PRO Performance air filtration and platinum spark plugs, Smart-Choke. technology with mechanical calibrated choke system, engineered and assembled in the U.S.A.

MODEL		KT715	KT725	KT730	KT735	KT740	KT745
GROSS POWER @ 3600 RPM	max. hp (kW)	20 (14.9)	22 (16.2)	23 (17.2)	24 (17.9)	25 (18.6)	26 (19.4)
DISPLACEMENT	cu in (cc)	44 (725)				44 (725) PRO air filter 45 (747)	45 (747)
BORE	in (mm)	3.3 (83)					
STROKE	in (mm)	44 (725)				2.6 (67) PRO air filter 2.7 (69)	2.7 (69)
PEAK TORQUE @ RPM	ft-lb (Nm)	40.3 (54.6) @ 2200	40.4 (54.8) @ 2200	40.5 (54.9) @ 2200	40.5 (54.9) @ 2400	41.3 (56) @ 2600	42.4 (57.5) @ 2600
COMPRESSION RATIO		9.1:1					
DRY WEIGHT	lb (kg)	85 (38.6)					
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)					
LUBRICATION		Pressure lubrication with full-flow filter					
DIMENSIONS* L x W x H	in (mm)	18.6 x 17.5 x 13.4 (473 x 445 x 341) With HD Performance air filtration: 18.6 x 17.5 x 13.9 (473 x 445 x 354)			18.6 x 17.5 x 13.4 (473 x 445 x 341) With HD Performance air filtration: 18.6 x 17.5 x 13.9 (473 x 445 x 354) With PRO Performance air filtration: 18.7 x 17.5 x 15.7 (475 x 445 x 399)		

RATED PER SAE J1940 GROSS

*Length is front of air cleaner cover to back of blower housing. Width is side to side. Height is mounting surface to grass screen or air filter.

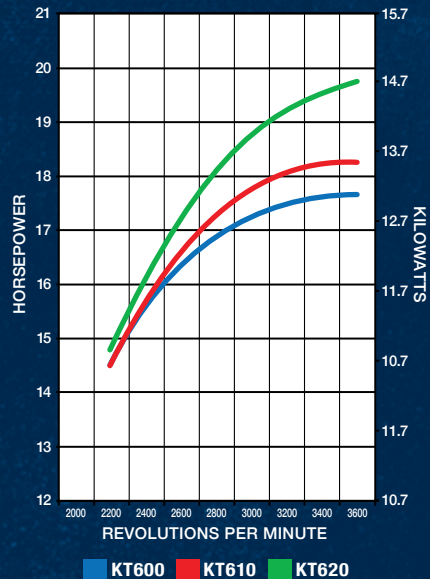
†PRO Performance Warranty: 3-Yr Consumer, 1-Yr Commercial

Consumer / 58

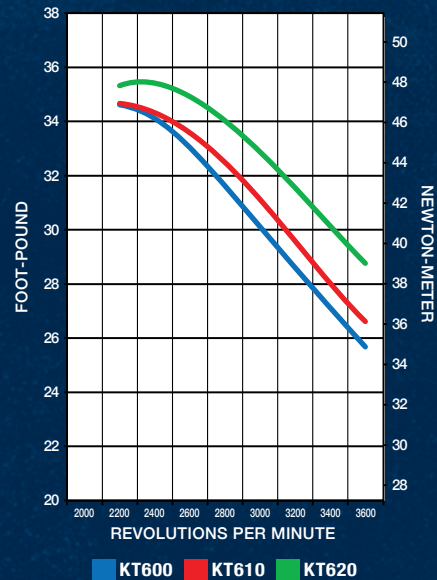
6600 Series™

KT600, KT610, KT620

MAXIMUM POWER



MAXIMUM TORQUE



6600 Series™

Cooling Air
Cylinders V-Twin
Shaft Vertical
Warranty 3-Yr Consumer
90-Day Commercial

Engine Type
Four-cycle, gasoline, OHV, cast-iron cylinder liners, aluminum block
Additional Features
Compact profile, reduced vibration, cast-iron cylinder liners, pressure lubrication, Consistent-Cut. technology for more consistent power, dual-sealed air filter, optional HD Performance air filtration and platinum spark plugs, Smart-Choke. technology with mechanical calibrated choke system.



17-21 HP KT610

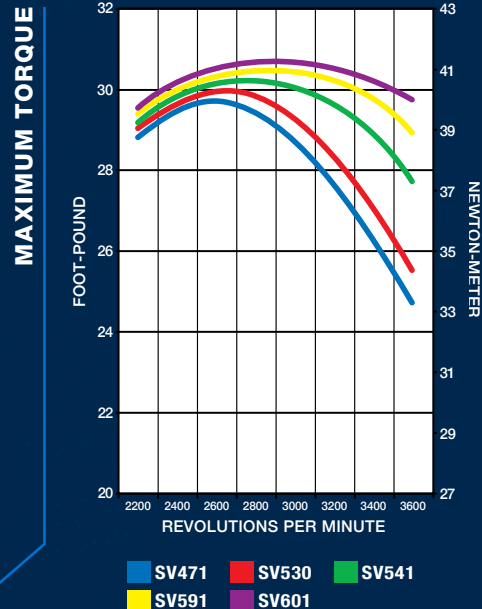
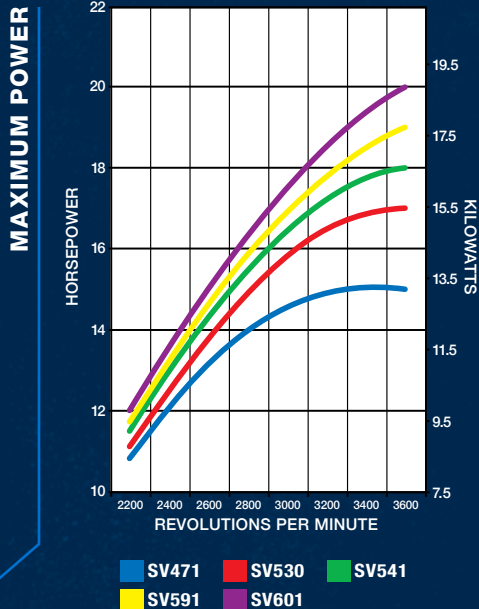
MODEL		KT600	KT610	KT620
GROSS POWER @ 3600 RPM	max. hp (kW)	17 (12.7)	19 (14.2)	21 (15.7)
DISPLACEMENT	cu in (cc)	40 (660)		
BORE	in (mm)	3.3 (83)		
STROKE	in (mm)	2.4 (61)		
PEAK TORQUE @ RPM	ft-lb (Nm)	34.5 (46.8) @ 2200		35.9 (48.7) @ 2200
COMPRESSION RATIO		9.1:1		
DRY WEIGHT	lb (kg)	82 (37.2)		
OIL CAPACITY	U.S. qt (L)	2.0 (1.9)		
LUBRICATION		Full-pressure lubrication with full-flow filter		
DIMENSIONS* L x W x H	in (mm)	18.6 x 16.7 x 13.4 (473 x 424 x 341) With HD Performance air filtration: 18.6 x 16.7 x 13.9 (473 x 424 x 354)		

RATED PER SAE J1940 GROSS

*Length is front of air cleaner cover to back of blower housing. Width is side to side. Height is mounting surface to grass screen or air filter.

Courage®

SV471, SV530, SV541, SV591, SV601



Courage®



15-20 HP

SV601

Cooling Air
Cylinders Single
Shaft Vertical
Warranty 2-Yr Consumer

Engine Type
 Four-cycle, gasoline, OHV, cast-iron cylinder bore, aluminum block
Additional Features
 Twin-cam, dual-reciprocating balance system, Consistent-Cut. technology, acoustically dampened air induction, leakproof crankcase, crossflow cylinder head

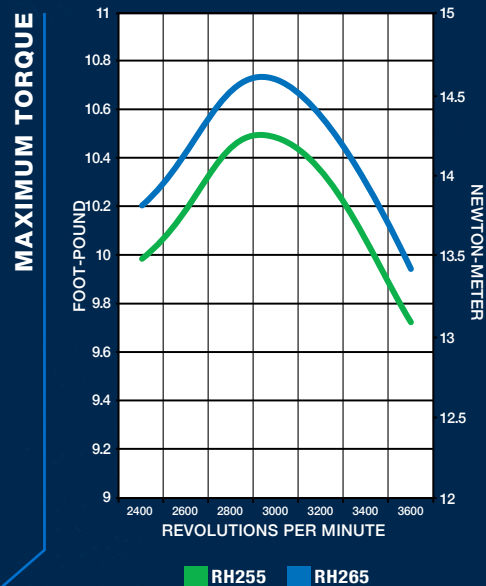
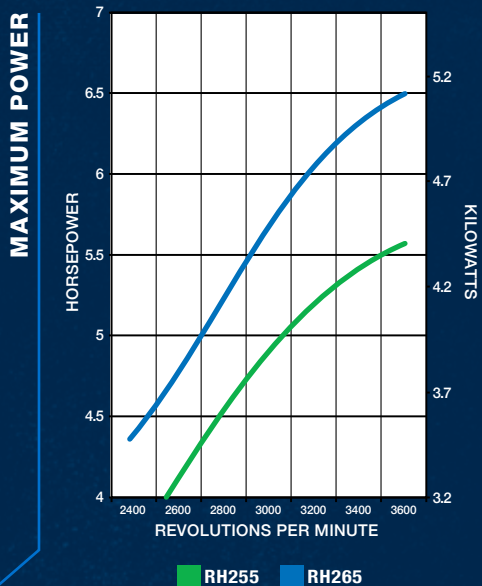
MODEL		SV471	SV530	SV541	SV591	SV601
GROSS POWER @ 3600 RPM	max. hp (kW)	15 (11.2)	17 (12.7)	18 (13.4)	19 (14.2)	20 (14.9)
DISPLACEMENT	cu in (cc)	36 (597)				
BORE	in (mm)	3.7 (94)				
STROKE	in (mm)	3.4 (86)				
PEAK TORQUE @ RPM	ft-lb (Nm)	29.7 (40.3) @ 2600	30.0 (40.7) @ 2600	30.2 (40.9) @ 2600	30.4 (41.2) @ 2800	30.6 (41.5) @ 3000
COMPRESSION RATIO		8.5:1				
DRY WEIGHT	lb (kg)	79 (35.8)				
OIL CAPACITY	U.S. qt (L)	1.6 (1.5)				
LUBRICATION		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)				

RATED PER SAE J1940 GROSS

*Length is front of valve cover to back of blower housing. Width is side to side. Height is mounting surface to grass screen.

RH Series™

RH255, RH265



RH Series™



5.5-6.5 HP

RH265

Cooling Air
Cylinders Single
Shaft Horizontal
Warranty 2-Yr Consumer

Engine Type Four-cycle, gasoline, OHV
Additional Features Accu-Fill, fuel tank, single-lever controls, lightweight and compact

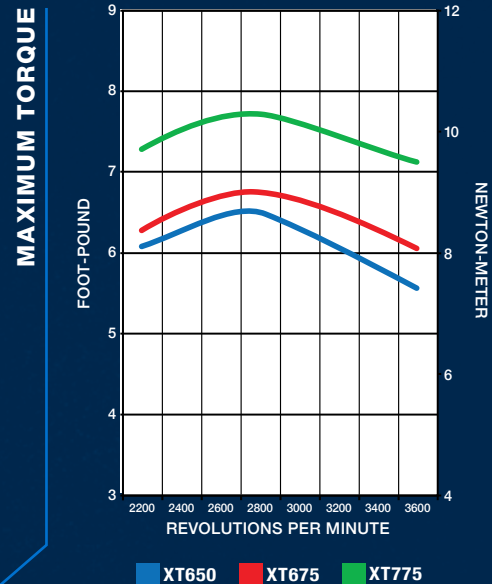
MODEL	RH255		RH265	
GROSS POWER @ 3600 RPM	max. hp (kW)	5.5 (4.2)		6.5 (4.8)
DISPLACEMENT	cu in (cc)		12 (196)	
BORE	in (mm)		2.7 (68)	
STROKE	in (mm)		2.1 (54)	
PEAK TORQUE @ RPM	ft-lb (Nm)	10.5 (14.2) @ 3000		10.7 (14.5) @ 3000
COMPRESSION RATIO			8.5:1	
DRY WEIGHT	lb (kg)		28.8 (13)	
OIL CAPACITY	U.S. qt (L)		0.6 (0.6)	
FUEL CAPACITY	U.S. qt (L)		2.1 (2.0)	
LUBRICATION			Splash	
DIMENSIONS* L x W x H	in (mm)	9.8 x 14.0 x 13.0 (249 x 356 x 330)		

RATED PER SAE J1940 GROSS

*Length is recoil starter to PTO mounting surface. Height is with fuel cap.

XT Series™

XT650, XT675, XT775



XT Series™



6.5-6.75 FT-LB GROSS TORQUE **XT675**

Cooling Air
Cylinders Single
Shaft Vertical
Warranty 2-Yr Consumer

Engine Type

Four-cycle, air-cooled, gasoline, OHV, lightweight aluminum cylinder liners, aluminum block

Additional Features

Accu-Fill. easy-to-fill fuel tank; easy-pull, smooth, effortless starting; Consistent-Cut. technology for more consistent power; Smart-Choke. easy, no-prime starting; and one-hand, no-tool air cleaner access for easy maintenance

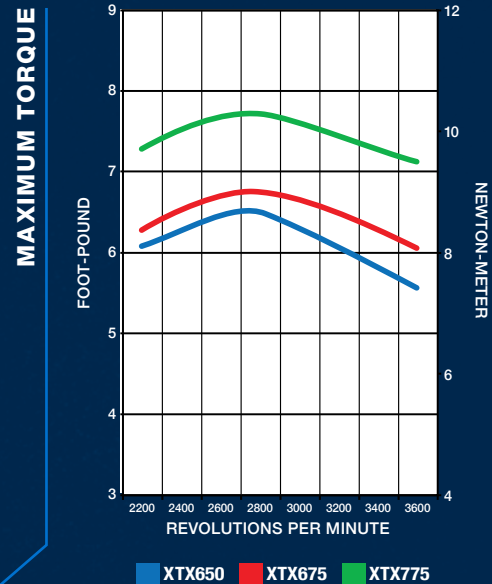
MODEL		XT650	XT675	XT775
GROSS TORQUE @ 2800 RPM	ft lb (Nm)	6.5 (8.8)	6.75 (9.2)	7.75 (10.5)
DISPLACEMENT	cu in (cc)	9.1 (149)		10.6 (173)
BORE	in (mm)	2.6 (65)		2.7 (70)
STROKE	in (mm)	1.8 (45)		
COMPRESSION RATIO		9.2:1		8.5:1
DRY WEIGHT	lb (kg)	21.8 (9.9)		24.9 (11.3)
OIL CAPACITY	U.S. qt (L)	0.6 (0.6)		
FUEL CAPACITY	U.S. qt (L)	1.2 (1.1)		1.5 (1.4)
LUBRICATION		Splash		
DIMENSIONS* L x W x H	in (mm)	14.4 x 14.0 x 10.5 (366 x 356 x 267)		17.1 x 13.9 x 11 (434 x 353 x 279)

RATED PER SAE J1940 GROSS

*Length is front of blower housing to back of blower housing. Width is air cleaner cover to muffler guard. Height is mounting surface to grass screen.

XTX Series™

XTX650, XTX675, XTX775



XTX Series™



6.5-7.75 FT-LB GROSS TORQUE **XTX650**

Cooling	Air
Cylinders	Single
Shaft	Vertical
Warranty	2-Yr Consumer

Engine Type

Four-cycle, air-cooled, gasoline, OHV, cast-iron cylinder liners, aluminum block

Additional Features

Never requires an oil change – just check oil level before each use; based on commercial engine designs; heavy-duty cast-iron cylinder liners; platinum-tip spark plugs; high-mount dipstick; pre-cleaner; Accu-Fill. easy-to-fill fuel tank, Consistent-Cut. technology for more consistent power, one-hand, no-tool air cleaner access for easy maintenance; Smart-Choke. with easy-pull, no-prime starting

MODEL		XTX650	XTX675	XTX775
GROSS TORQUE @ 2800 RPM	ft lb (Nm)	6.5 (8.8)	6.75 (9.2)	7.75 (10.5)
DISPLACEMENT	cu in (cc)	9.1 (149)		10.6 (173)
BORE	in (mm)	2.6 (65)		2.7 (70)
STROKE	in (mm)	1.8 (45)		
COMPRESSION RATIO		9.2:1		8.5:1
DRY WEIGHT	lb (kg)	23.8 (10.8)		26.9 (12.2)
OIL CAPACITY	U.S. qt (L)	0.6 (0.6)		
FUEL CAPACITY	U.S. qt (L)	1.2 (1.1)		1.5 (1.4)
LUBRICATION		Splash		
DIMENSIONS* L x W x H	in (mm)	14.4 x 14 x 10.5 (366 x 356 x 267)		17.1 x 13.9 x 11 (434 x 353 x 279)

RATED PER SAE J1940 GROSS

*Length is front of blower housing to back of blower housing. Width is air cleaner cover to muffler guard. Height is mounting surface to grass screen.

Consumer / 68



DIESEL

HORSEPOWER RATINGS FOR DIESEL ENGINES

				HORSEPOWER										
GRADE	ENGINE FAMILY	FEATURES	SHAFT	9.1	15.4	23.7	24	42	49	56	74.3	102	122	134
COMMERCIAL	Air-Cooled	Single-Cylinder Direct-Injection 3-Yr Commercial Warranty	HORIZONTAL	•										
	Liquid-Cooled	Two-Cylinder Indirect-Injection 3-Yr Commercial Warranty			•									
		Three-Cylinder Indirect-Injection 3-Yr Commercial Warranty				•		*		*				
		Four-Cylinder Indirect-Injection 3-Yr Commercial Warranty					•		*		*	*	*	*

* Direct-injection engine

Diesel

Cooling	Air	Engine Type
Cylinders	Single	Four-stroke, fully pressurized lubrication, cast-iron liner, direct injection
Shaft	Horizontal	Emissions
Warranty	3-Yr Commercial	EPA /CAR B Tier 4-compliant



9.1 HP

KD440

MODEL		KD440
GROSS POWER @ 3600 RPM	max. hp (kW)	9.1 (6.8)
DISPLACEMENT	cu in (cc)	27 (442)
BORE	in (mm)	3.4 (86)
STROKE	in (mm)	3 (76)
PEAK TORQUE @ RPM	ft-lb (Nm)	13.2 (18) @ 3600
COMPRESSION RATIO		19.8:1
DRY WEIGHT	lb (kg)	99.1 (45)
OIL CAPACITY	U.S. qt (L)	1.6 (1.5)
FUEL CAPACITY	U.S. qt (L)	5.3 (5)
LUBRICATION		Full-pressure lubrication with full-flow filter
DIMENSIONS	L x W x H in (mm)	13.4 x 16.25 x 20.16 (340 x 412 x 512)

POWER RATINGS COMPLIANT
WITH ISO 14396

Diesel



15.4-24 HP KDW1003

POWER RATINGS COMPLIANT
WITH ISO 14396

Cooling	Liquid	Engine Type	Four-stroke inline, cast-iron block, aluminum cylinder head with overhead cam and integrated fuel injection system
Cylinders	Multiple	Emissions	EPA/CARB Tier 4-compliant
Shaft	Horizontal		
Warranty	3-Yr Commercial		

MODEL		KDW702	KDW1003	KDW1404
GROSS POWER @ RPM	max. hp (kW)	15.4 (11.5) @ 3600	23.7 (17.7) @ 3600	24 (17.9) @ 2700
DISPLACEMENT	cu in (cc)	41.9 (686)	62.7 (1028)	83.7 (1372)
BORE	in (mm)	3 (75)		
STROKE	in (mm)	3.1 (77.6)		
CYLINDERS		2	3	4
PEAK TORQUE @ RPM	ft-lb (Nm)	25 (34) @ 2700	36.8 (50) @ 2600	51.6 (70) @ 1600
COMPRESSION RATIO		22.8:1		
DRY WEIGHT	lb (kg)	145.4 (66)	187.6 (85)	216 (98)
OIL CAPACITY	U.S. qt (L)	1.7 (1.6)	2.5 (2.4)	3.5 (3.3)
LUBRICATION		Full-pressure lubrication with full-flow filter		
DIMENSIONS L x W x H	in (mm)	16.6 x 16.2 x 20.3 (421 x 412 x 516)	20.2 x 16.2 x 20.3 (513 x 412 x 516)	23.5 x 16.2 x 20.3 (596 x 412 x 516)

Diesel KDI

Cooling	Liquid	Engine Type	No DPF, direct injection, four-stroke inline, cast-iron block, cast-iron cylinder head, hydraulic lifters	
Cylinders	Multiple	Emissions	EPA/CARB Tier 4-compliant	
Shaft	Horizontal			
Warranty	3-Yr Commercial			



42-74 HP KDI1903 TCR

MODEL		KDI1903M	KDI1903TCR	KDI2504M	KDI2504TCR
GROSS POWER @ 2600 RPM <small>max. hp (kW)</small>		42 (31)	56 (42)	49 (36)	74 (55)
DISPLACEMENT <small>cu in (cc)</small>		113.6 (1861)		151.2 (2482)	
BORE <small>in (mm)</small>		3.5 (88)			
STROKE <small>in (mm)</small>		4 (102)			
CYLINDERS		3		4	
PEAK TORQUE @ RPM <small>ft-lb (Nm)</small>		98 (133) @ 1500	166 (225) @ 1500	125 (170) @ 1500	221 (300) @ 1500
DRY WEIGHT <small>lb (kg)</small>		462 (210)	513 (233)	537 (244)	588 (267)
OIL CAPACITY <small>U.S. qt (L)</small>		8.9 (8.5)		11.9 (11.3)	
LUBRICATION		Full-pressure lubrication with full-flow filter			
DIMENSIONS <small>L x W x H</small> <small>in (mm)</small>		23.6 x 17.8 x 26.3 (598.3 x 452.5 x 667.5)	23.6 x 20.5 x 28.2 (598.3 x 520.7 x 715.8)	27.7 x 17.8 x 26.3 (704.3 x 452.5 x 667.5)	27.7 x 20.5 x 28.2 (704.3 x 520.7 x 715.8)

POWER RATINGS COMPLIANT
WITH ISO 14396

Diesel KDI



74.3-134 HP KDI3404 TCR

POWER RATINGS COMPLIANT
WITH ISO 14396

Cooling	Liquid	Engine Type	No DPF, direct injection, four-stroke inline, cast-iron block, cast-iron cylinder head, hydraulic lifters	
Cylinders	Multiple	Emissions	EPA/CARB Tier 4-compliant	
Shaft	Horizontal			
Warranty	3-Yr Commercial			

MODEL		KDI3404TCR	KDI3404TCR-SCR		
GROSS POWER @ 2200 RPM	max. hp (kW)	74.3 (55.4)	102 (75)	122 (90)	134 (100)
DISPLACEMENT	cu in (cc)	205 (3395)			
BORE	in (mm)	3.8 (96)			
STROKE	in (mm)	4.6 (116)			
CYLINDERS		4			
PEAK TORQUE @ MAX RPM	ft-lb (Nm)	277 (375) @ 1400	350 (475) @ 1400	354 (480) @ 1400	369 (500) @ 1400
DRY WEIGHT	lb (kg)	869 (394)			
OIL CAPACITY	U.S. qt (L)	16.5 (15.6)			
LUBRICATION		Full-pressure lubrication with full-flow filter			
DIMENSIONS L x W x H	in (mm)	28.3 x 22.8 x 32.1 (718 x 580 x 816)*			

*Dimensions do not include SCR components required on KDI3404 TCR-SCR version

Horsepower ratings meet 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 Engine Engineering department.

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