

# TECUMSEH

## FOUR CYCLE ENGINE SPECIFICATIONS

**TECUMSEH PRODUCTS COMPANY**

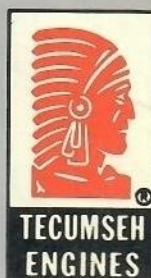
ENGINE DIVISIONS 900 NORTH STREET GRAFTON, WISCONSIN, 53024 U.S.A.

*Where imagination and innovation help shape an industry.*

Form No. MS4-877

August 1, 1977

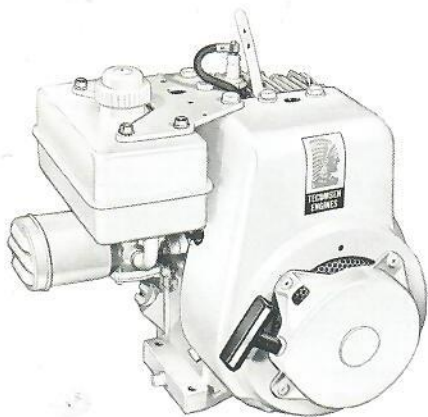
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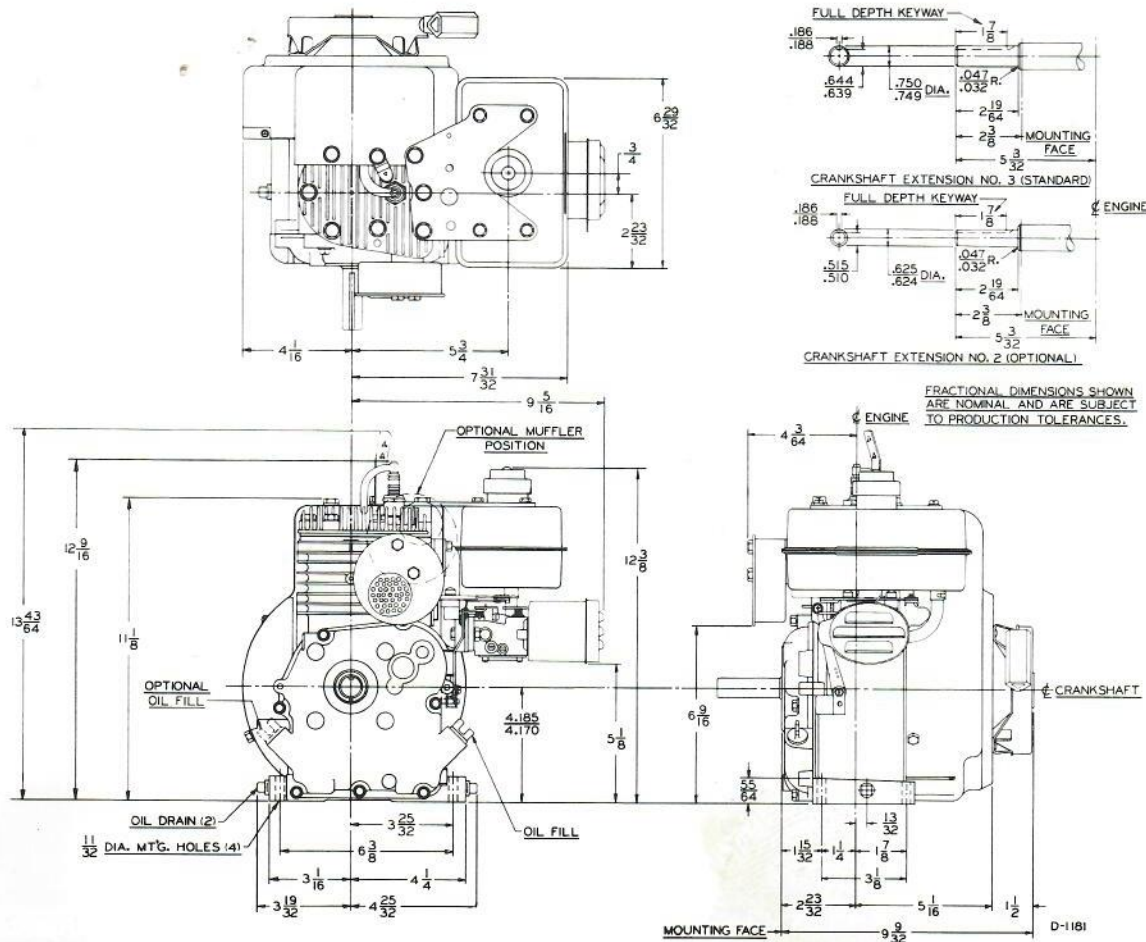
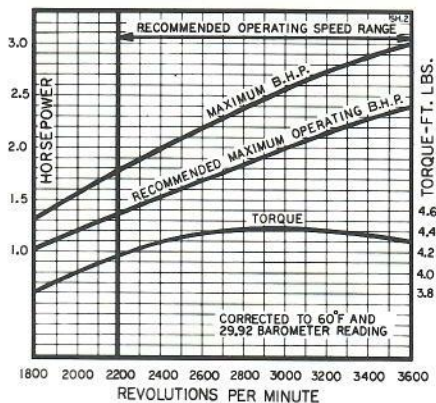
# H30

3.0 h.p.  
@ 3600 R.P.M.



Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
H30	2-5/16" (58.74 mm)	1-27/32" (46.84 mm)	7.75 cu. in. (126.93 cc)	6.31:1	25

Type: 4 Cycle — L-Head — Air Cooled — Single Cylinder — Aluminum Alloy — Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end



	STANDARD	OPTIONAL
Air Cleaner	Washable poly element	
Aux. P.T.O.		2:1 extended camshaft
Bearings: PTO End	Aluminum alloy	Ball bearing PTO side
Flywheel End	Aluminum alloy	
Breather, Crankcase	Vented directly to atmosphere	Closed breather - poly air cleaner element
Carburetor	Diaphragm - separate high speed and idle mixture adjustments	
Compression Release	Cam actuated lift of exhaust valve	Retractable pin lift of exhaust valve
Controls: Start	Remote in throttle control	a) Grommet with provision for remote stop
Run	Remote throttle control	b) Stop in control
Stop	Spark plug stop	Reference Dimensional Specifications
Cooling	Forced air cooling	
Crankshaft	Iron alloy - extension #3 Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Diecast aluminum alloy	
Flange Mounting	Reference Dimensional Specifications	
Fuel Filter	Fine mesh molded into tank	Filter is required if tank is deleted
Fuel Tank	One quart-white-non-corrosive poly - center fill - over carburetor	
Governor	Mechanical-running in crankcase oil	
Ignition	Magneto with dust and moisture seal	
Lubrication	Splash system	
Muffler	Bolt on type - PTO side	a) Deflector b) Rotated 180 degrees
Oil Capacity	21 ounces	
Oil Drain	Two-side above deck Reference Dimensional Specifications	
Oil Fill	Carburetor side	a) Opposite carburetor side b) Extended oil filltube and dipstick
Paint	White enamel	Primer and colors available
Rotation PTO View	Counterclockwise	
Spark Plug		Resistor spark plug - boot - sparkie terminal
Speed Setting	3750 $\pm$ 150 RPM	As requested
Starter	Recoil position #7 - Reference Dimensional Specifications Pop rivets - rubber handle	Other positions available
Valves	Heat treated iron alloy intake-austenitic steel exhaust	
Valve Guides	Iron alloy inserts	
Valve Seats	One piece iron alloy integrally cast into cylinder	

### Additional Options Available

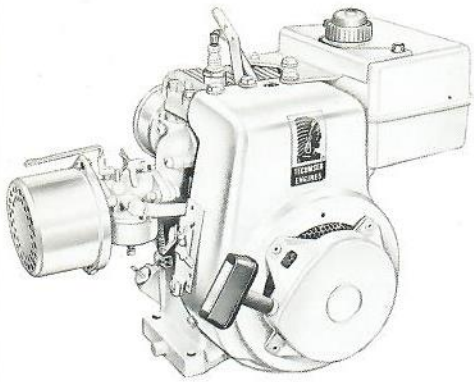
Idler hole drilled and tapped  
3 amp lighting alternator

Net Weight: 25 pounds approximately || Pack: 40-60 engines per pallet || Min. Qty: 180 engines per shipment



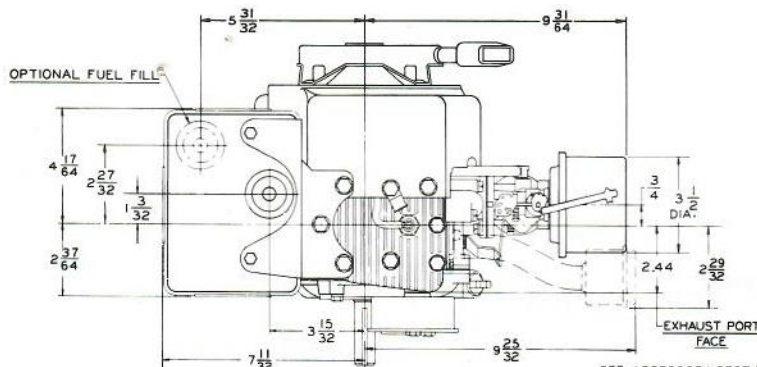
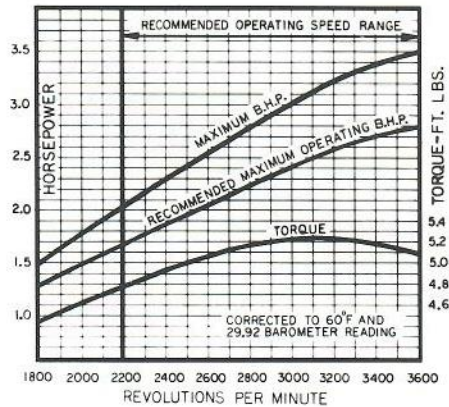
# H35

3.5 h.p.  
@ 3600 R.P.M.



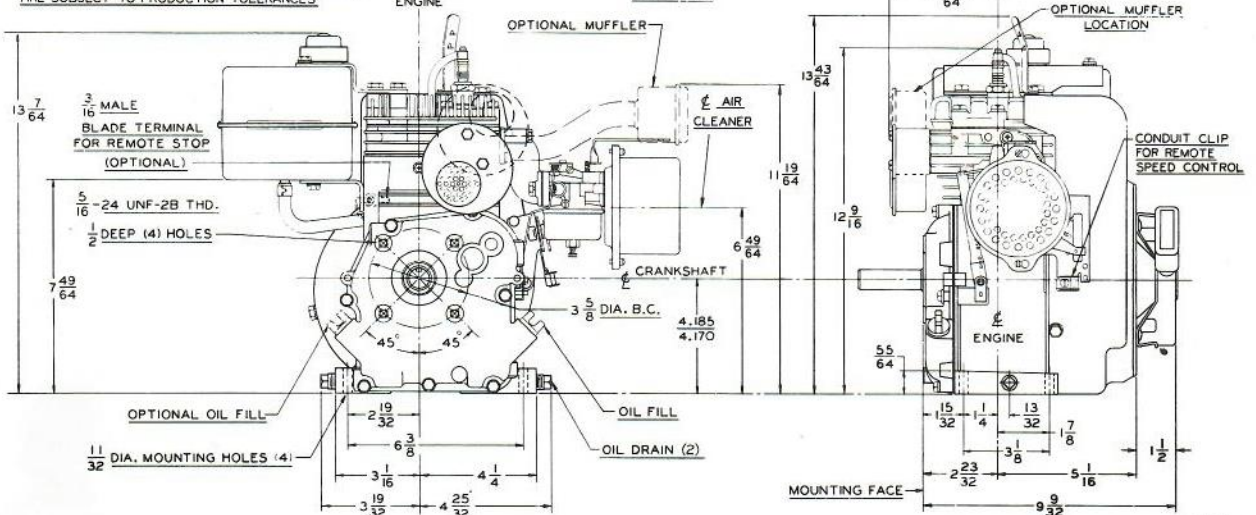
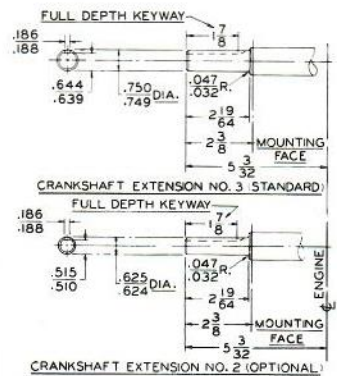
Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
H35	(2-1/2" (63.50 mm)	1-27/32" (46.84 mm)	9.05 cu. in. (148.34 cc)	7.24:1	25

**Type:** 4 Cycle — L-Head — Air Cooled — Single Cylinder — Aluminum Alloy — Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.



FRACTIONAL DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO PRODUCTION TOLERANCES

SEE ACCESSORY SECTION FOR APPLICABLE MUFFLER MOUNTING DIMENSIONS



D-1124

	STANDARD	OPTIONAL
Air Cleaner	Replaceable-extra fine filtration pleated paper element	
Aux. P.T.O.		2:1 extended camshaft
Bearings: PTO End Flywheel End	Aluminum alloy Aluminum alloy	Ball bearing PTO side
Breather, Crankcase	Vented directly to atmosphere	Closed breather - poly air cleaner element
Carburetor	Float type-separate high speed and idle mixture adjustments-with choke and dust seals	
Compression Release	Cam actuated lift of exhaust valve	Retractable pin lift of exhaust valve
Controls: Start Run Stop	Manual choke Remote throttle control Spark plug stop	a) Manual throttle b) Grommet with provision for remote stop c) Fixed speed d) Stop in control Reference Dimensional Specifications
Cooling	Forced air cooling	
Crankshaft	Iron alloy - extension #3 Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Diecast aluminum alloy	
Flange Mounting	Reference Dimensional Specifications	
Fuel Filter	Fine mesh molded into tank	Filter is required if tank is deleted
Fuel Tank	Two quart-white-non-corrosive poly- center fill - opposite carburetor	a) One gallon-white non-corrosive poly- opposite carburetor b) Two quart-white non-corrosive poly- corner fill - opposite carburetor c) Two quart-white non-corrosive poly- over recoil starter
Governor	Mechanical-running in crankcase oil	
Ignition	Magneto with dust and moisture seal	
Lubrication	Splash system	
Muffler	Bolt on type - PTO side	a) Exhaust carburetor side with flanged tube muffler b) Deflector c) Rotated 180 degrees
Oil Capacity	21 ounces.	
Oil Drain	Two-side above deck Reference Dimensional Specifications	
Oil Fill	Carburetor side	a) Opposite carburetor side b) Extended oil filltube and dipstick
Paint	White enamel	Primer and colors available
Rotation PTO View	Counterclockwise	
Spark Plug		Resistor spark plug - boot - sparkie terminal
Speed Setting	3750 $\pm$ 150 RPM	As requested
Starter	Recoil position #7 - Reference Dimensional Specifications Pop rivets - rubber handle	Other positions available
Valves	Heat treated iron alloy intake-austenitic steel exhaust	
Valve Guides	Iron alloy inserts	
Valve Seats	One piece iron alloy integrally cast into cylinder	

**Additional Options Available**

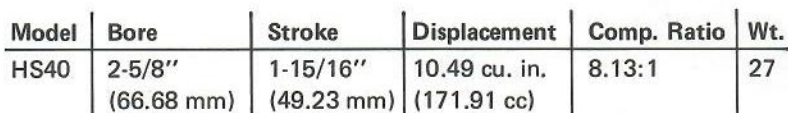
Idler hole drilled and tapped  
Fuel shut off valve  
3 amp lighting alternator

Net Weight: 25 pounds approximately || Pack: 40-60 engines per pallet || Min. Qty: 180 engines per shipment

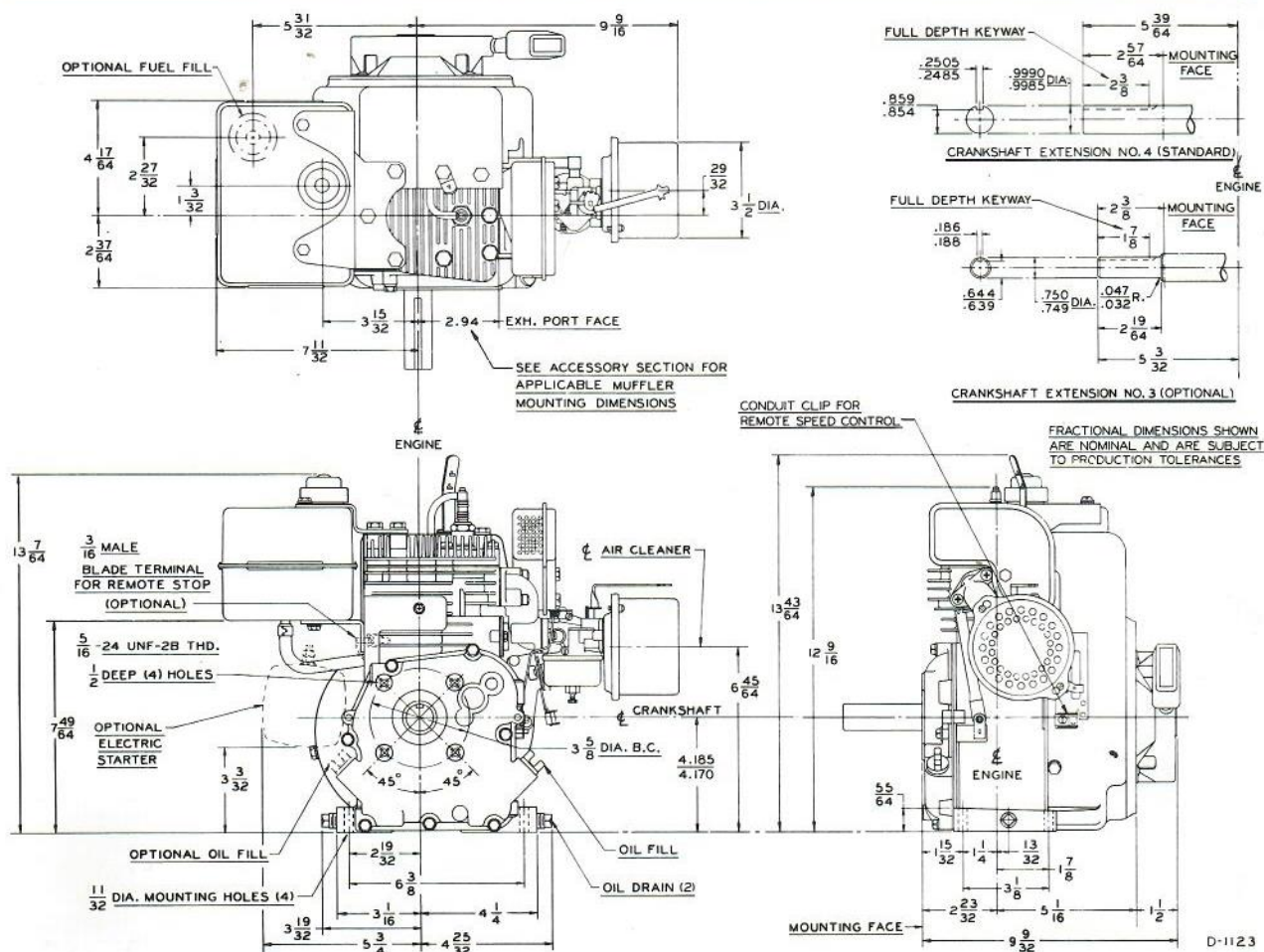
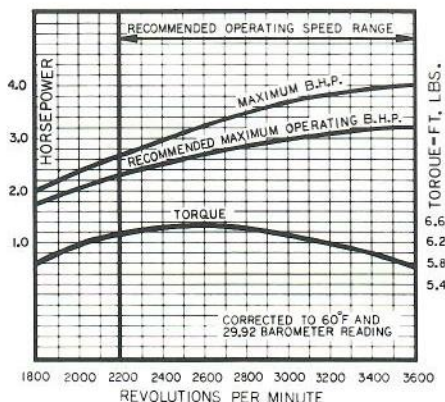


**@ 3600 R.P.M.**

**@ 3600 R.P.M.**



**Type:** 4 Cycle – L-Head – Air Cooled – Single Cylinder – Aluminum Alloy – Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.



	STANDARD	OPTIONAL
Air Cleaner	Replaceable-extra fine filtration pleated paper element	
Aux. P.T.O.		2:1 extended camshaft
Bearings: PTO End Flywheel End	Aluminum alloy Aluminum alloy	Ball bearing PTO side
Breather, Crankcase	Vented directly to atmosphere	Closed breather - poly air cleaner element
Carburetor	Float type-separate high speed and idle mixture adjustments-with choke and dust seals	
Compression Release	Cam actuated lift of exhaust valve	Retractable pin lift of exhaust valve
Controls: Start Run Stop	Manual choke Remote throttle control Spark plug stop	a) Manual throttle b) Grommet with provision for remote stop c) Fixed speed d) Stop in control Reference Dimensional Specifications
Cooling	Forced air cooling	
Crankshaft	Iron alloy-Extension #4 Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Diecast aluminum alloy	
Flange Mounting	Reference Dimensional Specifications	
Fuel Filter	Fine mesh molded into tank	Filter is required if tank is deleted
Fuel Tank	Two quart-white-non-corrosive poly- center fill - opposite carburetor	a) One gallon-white-non-corrosive poly- opposite carburetor b) Two quart-white-non-corrosive poly- corner fill - opposite carburetor c) Two quart-white-non-corrosive poly- over recoil starter
Governor	Mechanical-running in crankcase oil	
Ignition	Magneto with dust and moisture seal	
Lubrication	Splash system	
Muffler	Bolt on type - carburetor side	Modification of basic by discharge direction
Oil Capacity	21 ounces	
Oil Drain	Two-side above deck Reference Dimensional Specifications	
Oil Fill	Carburetor Side	a) Opposite carburetor side b) Extended oil filltube and dipstick
Paint	White enamel	Primer and colors available
Rotation PTO View	Counterclockwise	
Spark Plug		Resistor spark plug - boot - sparkie terminal
Speed Setting	3750 $\pm$ 150 RPM	As requested
Starter	Recoil position #7 - Reference Dimensional Specifications Pop rivets - rubber handle	Other positions available
Valves	Heat treated iron alloy intake - austenitic steel exhaust	
Valve Guides	Iron alloy inserts	
Valve Seats	One piece iron alloy integrally cast into cylinder	

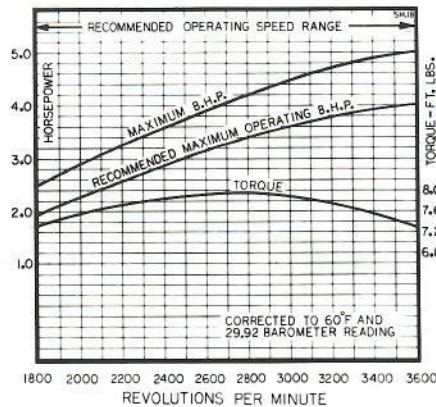
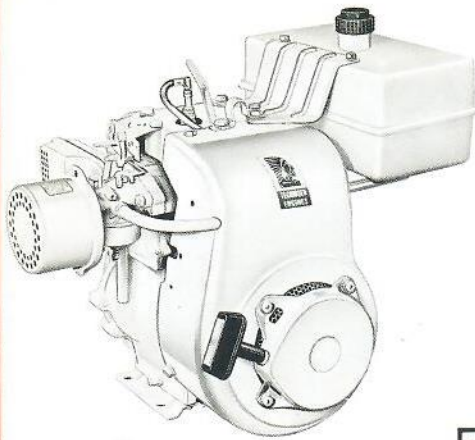
**Additional Options Available**

Idler hole drilled and tapped  
Fuel shut off valve  
3 amp lighting alternator

Net Weight: 27 pounds approximately || Pack: 40-60 engines per pallet || Min. Qty: 180 engines per shipment



**5.0 h.p.**  
**@ 3600 R.P.M.**



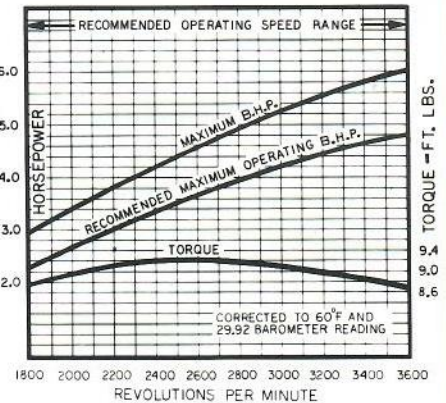
**5.0 H.P.**

H60

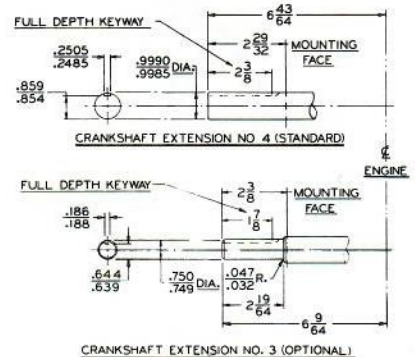
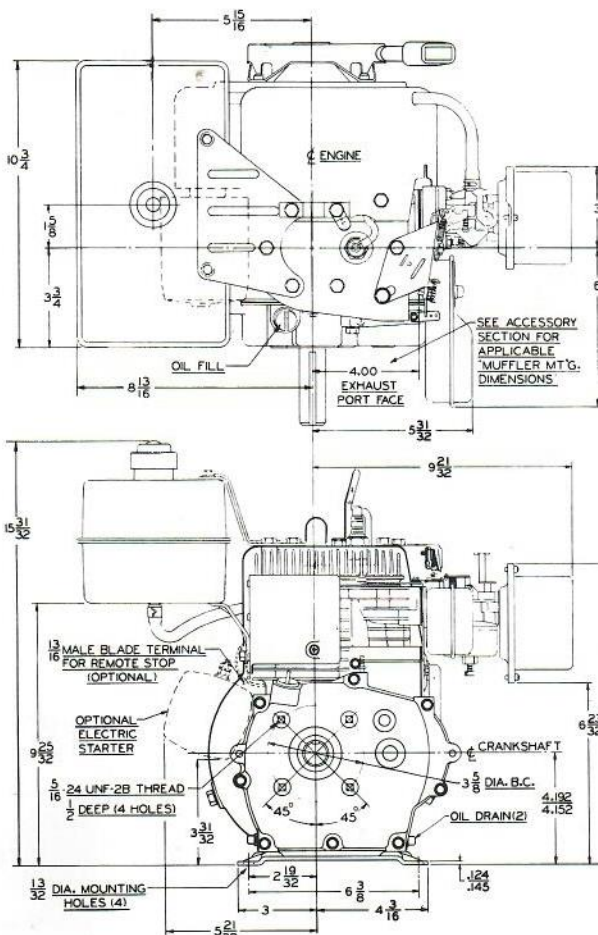
**6.0 h.p.  
@ 3600 R.P.M.**

Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
H50	2-5/8" (66.68 mm)	2-1/4" (57.15 mm)	12.21 cu. in. (199.38 cc)	5.67:1	39
H60	2-5/8" (66.68 mm)	2-1/2" (63.50 mm)	13.53 cu. in. (221.75 cc)	6.19:1	39

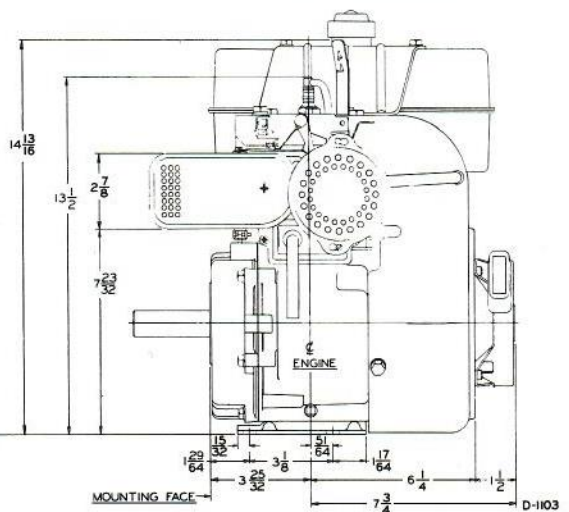
**Type:** 4 Cycle – L-Head – Air Cooled – Single Cylinder – Aluminum Alloy – Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.



**6.0 H.P.**



FRACTIONAL DIMENSIONS SHOWN ARE  
NOMINAL AND ARE SUBJECT TO  
PRODUCTION TOLERANCES.





# SPECIFICATIONS

	STANDARD	OPTIONAL
Air Cleaner	Replaceable-extra fine filtration pleated paper element	
Aux. P.T.O.		2:1 extended camshaft
Bearings: PTO End Flywheel End	Replaceable bronze bushing Aluminum alloy	Ball bearing PTO side
Breather, Crankcase	Vented direct to atmosphere	
Carburetor	Float type-separate high speed and idle mixture adjustments-with choke and dust seals	
Compression Release	Cam actuated lift of exhaust valve	Retractable pin lift of exhaust valve
Controls: Start Run Stop	Manual choke Remote throttle control Spark plug stop	Other controls
Cooling	Forced air cooling	
Crankshaft	Iron alloy-extension #4 Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Diecast aluminum alloy	
Flange Mounting	Reference Dimensional Specifications	
Fuel Filter	Fine mesh molded in tank	Filter is required if fuel tank is deleted
Fuel Tank	One gallon-white-non-corrosive poly- opposite carburetor - center fill	a) Two quart-white-non-corrosive poly - corner or center fill - opposite carburetor b) One gallon-white-non-corrosive poly - over blower housing c) Six quart-over blower housing
Governor	Mechanical-running in crankcase oil	
Ignition	Magneto with dust and moisture seal	
Lubrication	Splash system	
Muffler	Bolt on type - carburetor side	Deflector
Oil Capacity	19 ounces	
Oil Drain	Two sides above deck Reference Dimensional Specifications	
Oil Fill	Dipstick on top of cylinder cover	Extended oil filltube and dipstick
Paint	White enamel	Primer and colors available
Rotation PTO View	Counterclockwise	
Spark Plug		Resistor spark plug - boot - sparkie terminal
Speed Setting	3750 $\pm$ 150 RPM	As requested
Starter	Recoil position #7 - Reference Dimensional Specifications	Other positions available a) 12 volt electric starter with 3 amp alternator with rectifier b) 12 volt electric with 7 amp alternator with regulator rectifier engine mounted c) 12 volt motor only d) Provisions for 12 or 120 volt starter e) 120 volt kit (shipped loose) f) Flat rotating screen and button avail- able when electric start is used (button shipped loose)
Valves	Heat treated alloy steel intake - austenitic steel exhaust	
Valve Guides	Iron alloy inserts	
Valve Seats	One piece iron alloy cast integrally into cylinder	

## Additional Options Available

Idler hole drilled and tapped  
 Fuel shut-off valve  
 Fuel pump  
 Remote stop terminal block

Net Weight: 39 pounds approximately || Pack: 32 or 40 engines per pallet || Min. Qty: H50 - 192 engines per shipment  
 H60 - 96 engines per shipment





# HM70

7.0 h.p.  
@ 3600 R.P.M.

# HM80

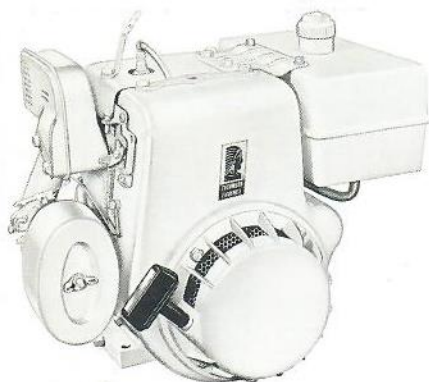
8.0 h.p.  
@ 3600 R.P.M.

# HM100

10.0 h.p.  
@ 3600 R.P.M.

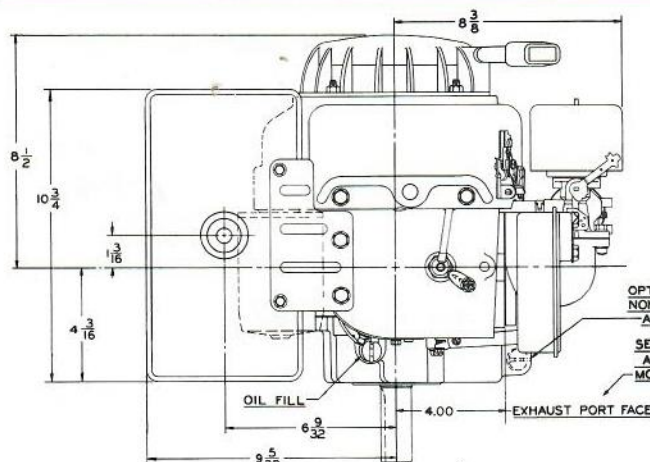
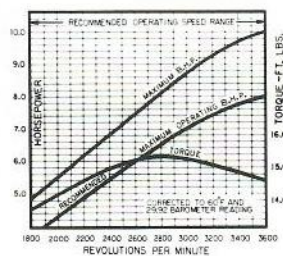
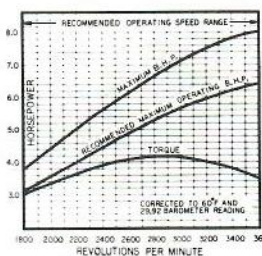
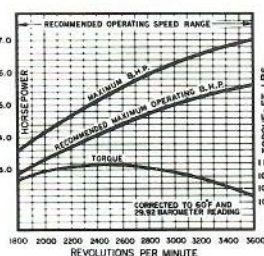
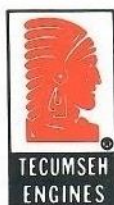
CAST IRON  
CYLINDER  
LINER

CAST IRON  
CYLINDER  
LINER



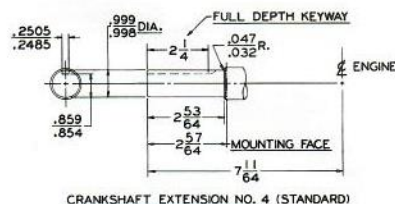
Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
HM70	2-15/16" (74.63 mm)	2-17/32" (64.31 mm)	17.16 cu. in. (281.32 cc)	6.45:1	46
HM80	3-1/8" (79.38 mm)	2-17/32" (64.31 mm)	19.41 cu. in. (318.27 cc)	7.07:1	46
HM100	3-3/16" (80.96 mm)	2-17/32" (64.31 mm)	20.20 cu. in. (331.06 cc)	7.32:1	46

**Type:** 4 Cycle — L-Head — Air Cooled — Single Cylinder — Aluminum Alloy — Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.

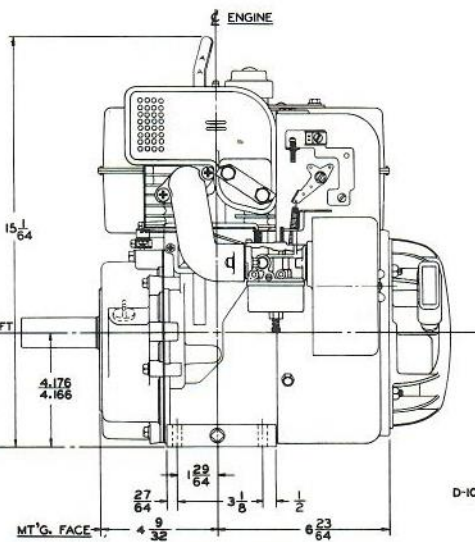
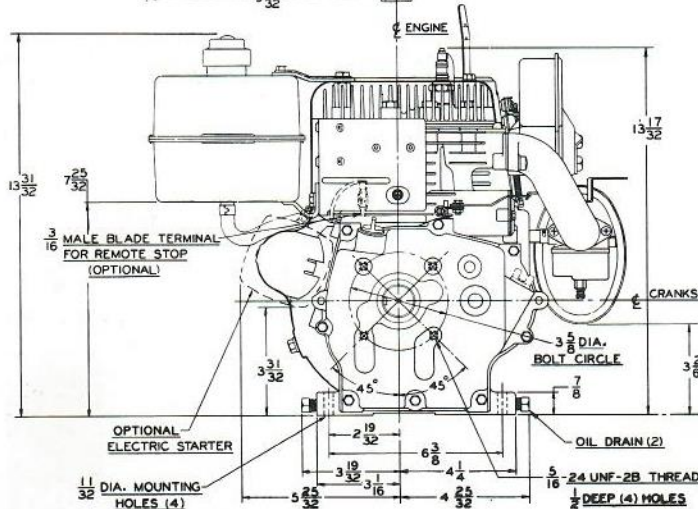


OPTIONAL FOR  
NON-COUNTERBALANCE, ONLY OIL FILL  
AVAILABLE WITH COUNTERBALANCE.

SEE ACCESSORY SECTION FOR  
APPLICABLE 'MUFFLER  
MOUNTING DIMENSIONS'.



FRACTIONAL DIMENSIONS SHOWN ARE NOMINAL  
AND ARE SUBJECT TO PRODUCTION TOLERANCES.



D-1099



# SPECIFICATIONS

	STANDARD	OPTIONAL
Air Cleaner	Replaceable-extra fine filtration pleated paper element	
Aux. P.T.O.		2:1 extended camshaft
Bearings: PTO End	Replaceable bronze bushing	Ball bearing
Flywheel End	Aluminum alloy	
Breather, Crankcase	Vented to atmosphere	
Carburetor	Float type-separate high speed and idle mixture adjustments-with choke and dust seals	
Compression Release	Retractable pin lift of exhaust valve	
Controls: Start	Manual choke	Other controls
Run	Remote throttle control	
Stop	Spark plug stop	
Cooling	Forced air cooling	
Crankshaft	Iron alloy extension #4 Reference Dimensional Specifications	
Cylinder	Die cast aluminum alloy (HM70) Die cast aluminum alloy with cast iron liner (HM80, HM100)	
Flange Mounting	Reference Dimensional Specifications	
Fuel Filter	Fine mesh molded into fuel tank	Filter is required if tank is deleted
Fuel Tank	One gallon-white-non-corrosive-poly- opposite carburetor - center fill	a) One gallon-white-non-corrosive-poly over recoil starter b) 6 quart - over blower housing
Governor	Mechanical-running in crankcase oil	
Ignition	Magneto system with dust and moisture seal	
Lubrication	Splash type	
Muffler	Bolt on type - carburetor side	Deflector
Oil Capacity	24 ounces	
Oil Drain	Two-side above deck Reference Dimensional Specifications	
Oil Fill	Dipstick - top of cylinder cover	a) Extended oil filltube and dipstick b) Optional fill carburetor side of cover
Paint	White enamel	Primer or colors available
Rotation PTO View	Counterclockwise	
Spark Plug		Resistor spark plug - spark plug boot - sparkie terminal
Speed Setting	3750 $\pm$ 150 RPM	
Starter	Recoil position #7, stud mounted Reference Dimensional Specifications	Other positions available a) 12 volt electric starter with 3 amp alternator with rectifier b) 12 volt electric with 7 amp alternator with regulator rectifier engine mounted c) 12 volt motor only d) Provisions for 12 or 120 volt starter e) 120 volt kit (shipped loose) f) Flat rotating screen and button avail- able when electric start is used (button shipped loose)
Valves	Heat treated alloy steel intake - austenitic steel exhaust	
Valve Guides	Iron alloy inserts	
Valve Seats	One piece iron alloy insert cast integrally into cylinder	

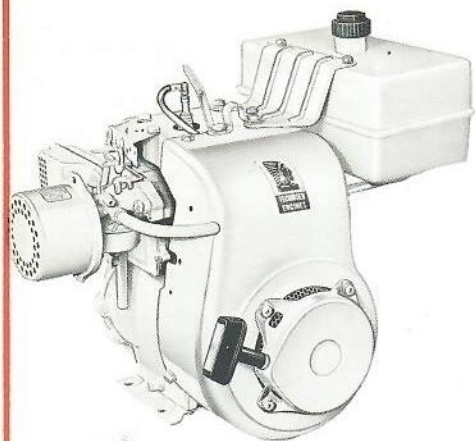
## Additional Options Available

Idler hole drilled and tapped  
 Fuel shut-off valve  
 Fuel pump  
 Remote stop terminal block  
 Reference Dimensional Specifications

Net Weight: 46 pounds approximately    ||    Pack: 40 engines per pallet    ||    Min. Qty: 120 engines per shipment



**5 h.p.  
@ 3600 R.P.M.  
CAST IRON**

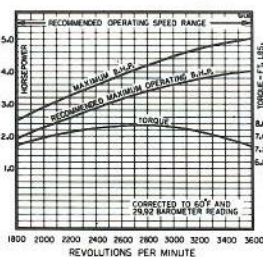


**6.0 h.p.**  
**@ 3600 R.P.M.**  
**CAST IRON**

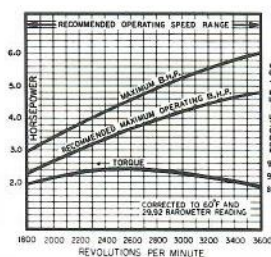
**7.0 h.p.**  
**@ 3600 R.P.M.**  
**CAST IRON**

Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
HH50	2-5/8" (66.68 mm)	2-1/4" (57.15 mm)	12.21 cu. in. (199.38 cc)	5.67:1	60
HH60	2-5/8" (66.68 mm)	2-1/2" (63.50 mm)	13.53 cu. in. (221.75 cc)	6.19:1	60
HH70	2-3/4" (69.85 mm)	2-17/32" (64.31 mm)	15.04 cu. in. (246.44 cc)	6.76:1	60

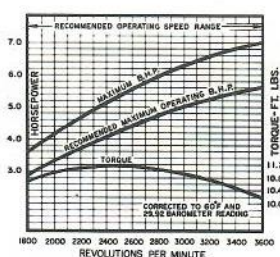
**Type:** 4 Cycle – L-Head – Air Cooled – Single Cylinder – Cast Iron – Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.



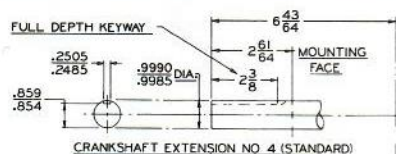
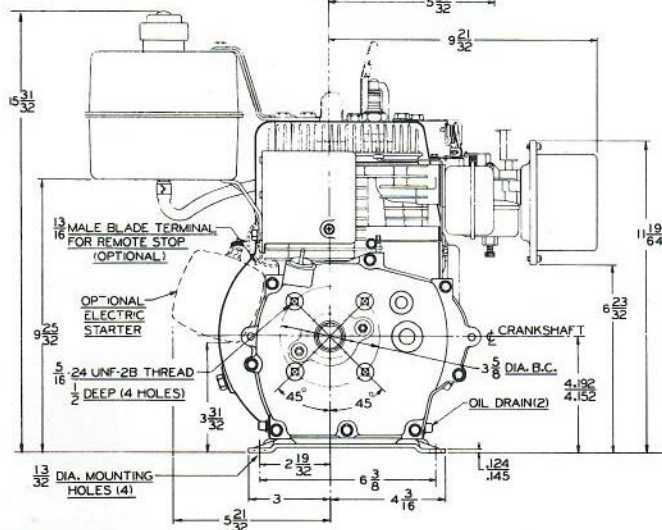
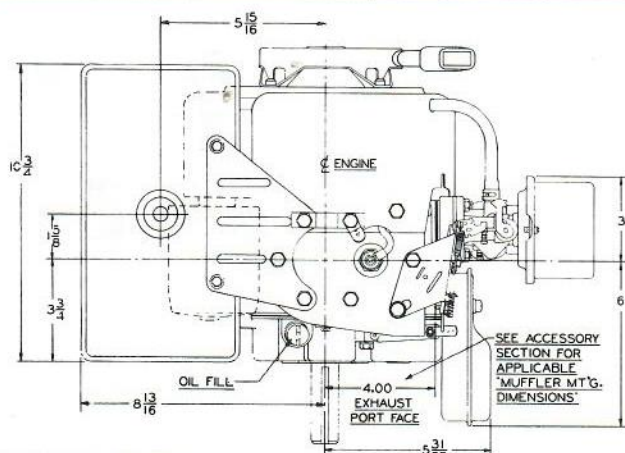
5 H.P.



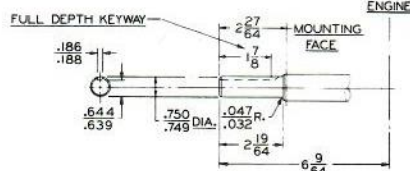
**6 H.P.**



7 H.P.

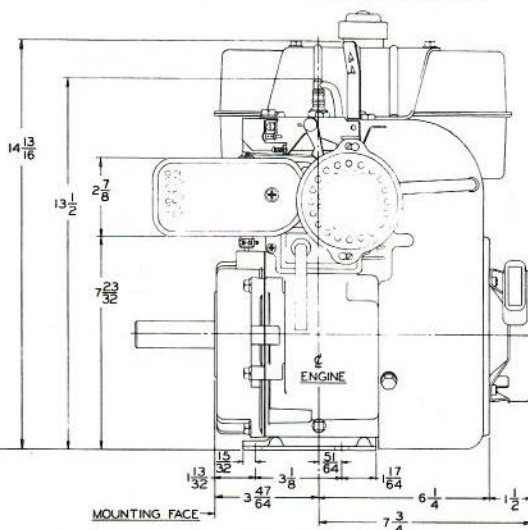


CRANKSHAFT EXTENSION NO. 4 (STANDARD)



CRANKSHAFT EXTENSION NO. 3 (OPTIONAL)

FRACTIONAL DIMENSIONS SHOWN ARE  
NOMINAL AND ARE SUBJECT TO  
PRODUCTION TOLERANCES.





	STANDARD	OPTIONAL
Air Cleaner	Replaceable-extra fine filtration pleated paper element	
Aux. P.T.O.		2:1 extended camshaft
Bearings: PTO End	Ball bearing	
Flywheel End	Replaceable bronze bushing	
Breather, Crankcase	Vented to atmosphere	
Carburetor	Float type-separate high speed and idle mixture adjustments-with choke and dust seals	
Compression Release	Retractable pin lift of exhaust valve	
Controls: Start	Manual choke	
Run	Remote throttle control	Remote operation
Stop	Spark plug stop	
Cooling	Forced air cooling	
Crankshaft	Iron alloy - extension #4 Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Precision cast iron alloy	
Flange Mounting	Reference Dimensional Specifications	
Fuel Filter	Fine mesh molded into fuel tank	Filter required if tank is deleted
Fuel Tank	One gallon-white-non-corrosive opposite carburetor - center fill	a) Two quart-white-non-corrosive poly - corner or center fill - opposite carburetor b) One gallon-white-non-corrosive poly - over blower housing c) Six quart over blower housing
Governor	Mechanical-running in crankcase oil	
Ignition	Magneto system with dust and moisture seal	
Lubrication	Splash type	
Muffler	Bolt on type - carburetor side	
Oil Capacity	19 ounces	
Oil Drain	Two-side above deck	
Oil Fill	Dipstick - top of cylinder cover	Extended oil filltube and dipstick
Paint	White enamel	Primer or colors available
Rotation PTO View	Counterclockwise	
Spark Plug		Resistor spark plug - spark plug boot - sparkie terminal
Speed Setting	3750 $\pm$ 150 RPM	
Starter	Recoil position #7, stud mounted Reference Dimensional Specifications	Other positions available a) 12 volt electric starter with 3 amp alternator with rectifier b) 12 volt electric with 7 amp alternator with regulator rectifier engine mounted c) 12 volt motor only d) Provisions for 12 or 120 volt starter e) 120 volt kit (shipped loose) f) Flat rotating screen and button avail- able when electric start is used (button shipped loose)
Valves	Heat treated alloy steel intake - austenitic steel exhaust	
Valve Guides	Iron alloy inserts	
Valve Seats	Intake - cast integrally with cylinder Exhaust - iron alloy insert	

### Additional Options Available

Idler hole drilled and tapped  
 Fuel shut-off valve  
 Fuel Pump  
 Remote stop terminal block  
 Reference Dimensional Specifications

Net Weight: 60 pounds approximately || Pack: 32 engines per pallet

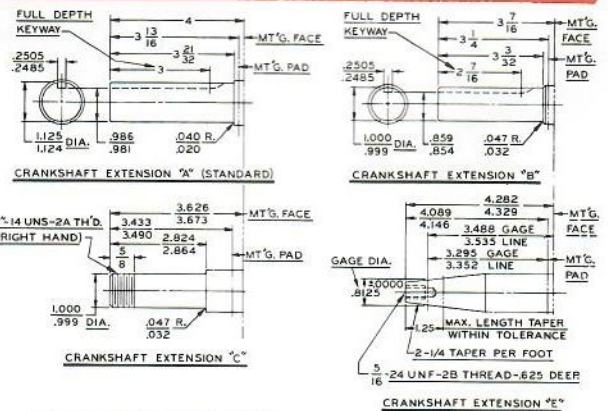
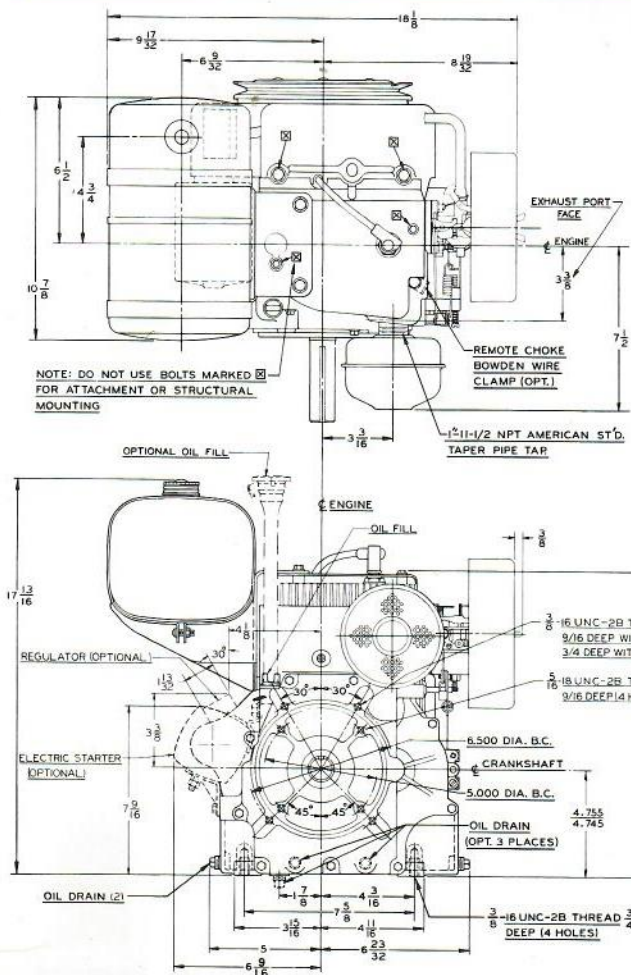
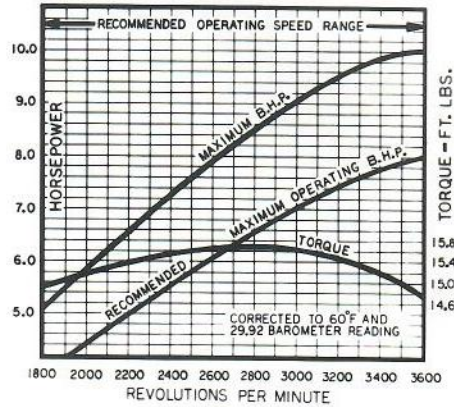
# HH100

10.0 h.p.  
@ 3600 R.P.M.  
CAST IRON



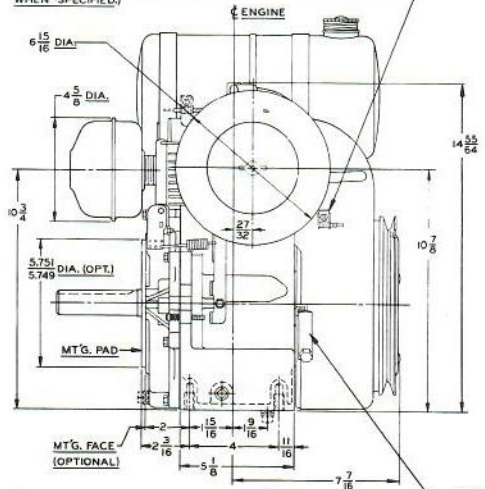
Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
HH100	3-5/16" (84.14 mm)	2-3/4" (69.85 mm)	23.70 cu. in. (388.38 cc)	6.70:1	84

**Type:** 4 Cycle — L-Head — Air Cooled — Single Cylinder — Cast Iron — Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.



FRACTIONAL DIMENSIONS SHOWN ARE NOMINAL AND ARE SUBJECT TO PRODUCTION TOLERANCES

BOWDEN WIRE CLAMP STD. (CONSTANT SPEED ARRANGEMENT WHEN SPECIFIED)



STOP SWITCH AND REMOTE IGN. CONNECTION 3-16 MALE BLADE TERMINAL

D-1085



# SPECIFICATIONS

	STANDARD	OPTIONAL
Air Cleaner	Large capacity-replaceable-extra fine filtration non by-passable pleated paper element	
Aux. P.T.O.		Stub shaft on flywheel end
Bearings: PTO End	Tapered roller bearing	
Flywheel End	Tapered roller bearing	
Breather, Crankcase	Vented direct to atmosphere	
Carburetor	Float type-separate high speed and idle mixture adjustments - with choke and dust seals	
Compression Release	Retractable pin lift of exhaust valve	
Controls: Start	Manual choke	Remote choke bracket Reference Dimensional Specifications
Run	Remote throttle control	Fixed speed
Stop	Manual or remote stop	
Cooling	Forced air cooling	
Crankshaft	Iron alloy extension A Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Precision cast iron alloy	
Flange Mounting	Reference Dimensional Specifications	Pilot diameters and bolt circles
Fuel Filter	Fine mesh fuel filter	Filter is required if tank is deleted
Fuel Tank	Six quart - opposite carburetor side with fuel shut off valve and filter	
Governor	Mechanical-running in crankcase oil	
Ignition	Solid state magneto with electronic retard-sealed in epoxy for dust and moisture protection	
Lubrication	Splash system	
Muffler	Large capacity - screw in type	
Oil Capacity	52 ounces	
Oil Drain	Two sides above deck	a) PTO side b) Below deck Reference Dimensional Specifications
Oil Fill	Dipstick - top of cylinder cover	Extended oil filltube and dipstick Reference Dimensional Specifications
Paint	White enamel	Primer or colors available
Rotation PTO View	Counterclockwise	
Spark Plug	With sparkie terminal	Resistor spark plug
Speed Setting	3750 $\pm$ 150 RPM	As requested
Starter	Rope sheave	a) Recoil position #2, 4, 6, 8 b) 12 volt electric with 20 amp alternator with rectifier regulator engine mounted Reference Dimensional Specifications
Valves	Austenitic steel intake-austenitic steel exhaust with stellite seating surface	Exhaust valve rotator
Valve Guides	Integral with cylinder	
Valve Seats	Intake, iron alloy insert-exhaust, stellite insert	

## Additional Options Available

Fuel pump  
Counterbalance

Net Weight: 84 pounds approximately    ||    Pack: 12/Pallet    ||    Min. Qty: 48 engines per shipment





## OH120

12.0 h.p.  
@ 3600 R.P.M.  
CAST IRON

## OH140

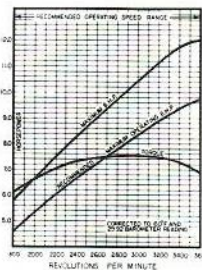
14.0 h.p.  
@ 3600 R.P.M.  
CAST IRON

## OH160

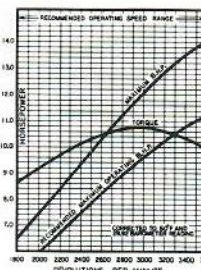
16.0 h.p.  
@ 3600 R.P.M.  
CAST IRON

Model	Bore	Stroke	Displacement	Comp. Ratio	Wt.
OH120	3-1/8" (79.38 mm)	2-3/4" (69.85 mm)	21.09 cu. in. (345.68 cc)	8.60:1	95
OH140	3-5/16" (84.14 mm)	2-3/4" (69.85 mm)	23.70 cu. in. (388.38 cc)	8.92:1	95
OH160	3-1/2" (88.90 mm)	2-7/8" (73.02 mm)	27.66 cu. in. (453.25 cc)	8.70:1	95

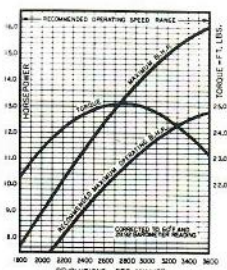
Type: 4 Cycle — Valve-In-Head — Air Cooled — Single Cylinder — Cast Iron — Horizontal Crankshaft with counterclockwise rotation when viewed from power take-off end.



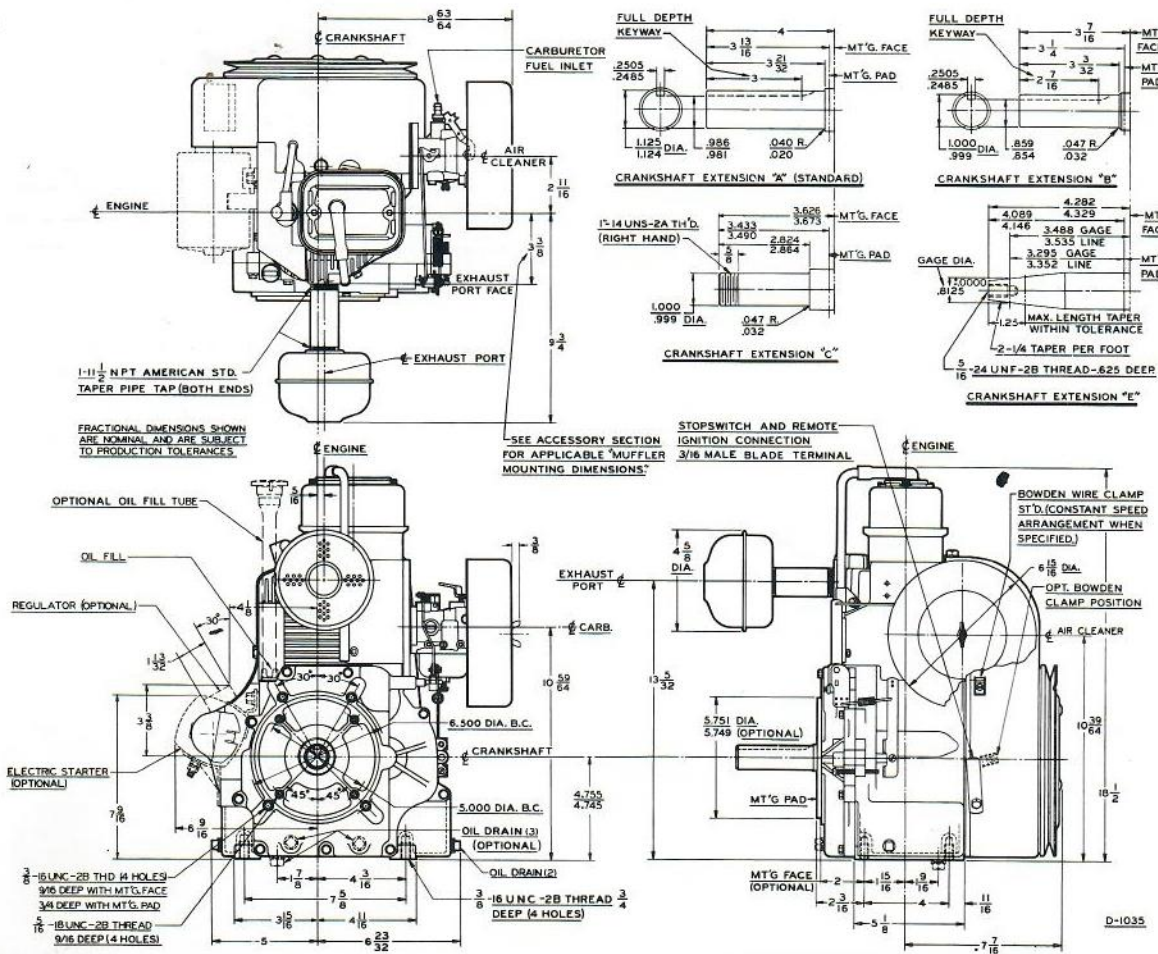
12.0 H.P.



14.0 H.P.



16.0 H.P.



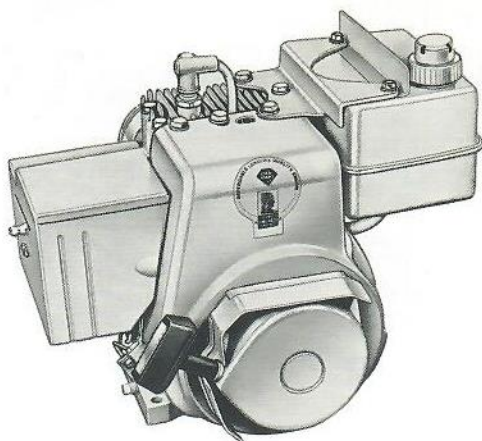
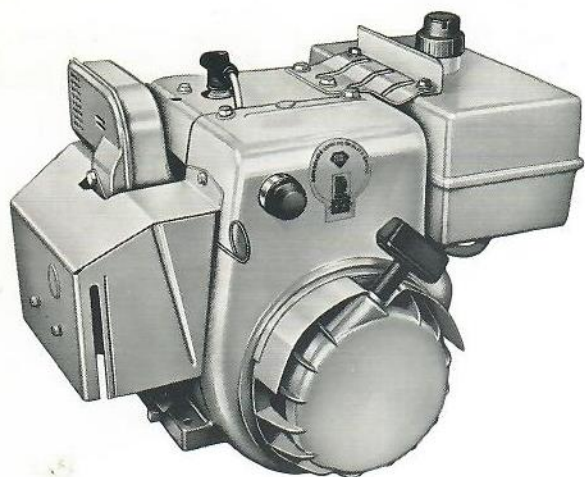


	STANDARD	OPTIONAL
Air Cleaner	Large capacity-replaceable-extra fine filtration non by-passable pleated paper element	"Kleen-Aire-Plus"
Aux. P.T.O.		Stub shaft on flywheel end
Bearings: PTO End	Tapered roller bearing	
Flywheel End	Tapered roller bearing	
Breather, Crankcase	Vented direct to atmosphere	
Carburetor	Float type-separate high speed and idle mixture adjustments-with choke and dust seals	
Compression Release	Retractable pin lift of exhaust valve	
Controls: Start	Manual choke	Remote choke bracket Reference Dimensional Specifications
Run	Remote throttle control	
Stop	Manual or remote stop	Fixed speed
Cooling	Forced air cooling	
Crankshaft	Iron alloy-extension A Reference Dimensional Specifications	Reference Dimensional Specifications
Cylinder	Precision cast iron alloy	
Flange Mounting	Reference Dimensional Specifications	Pilot diameters and bolt circles
Fuel Filter		Filter is required unless optional tank is used
Fuel Tank		Six quart mounted tank includes fuel pump and extended oil fill tube and dipstick
Governor	Mechanical-running in crankcase oil	
Ignition	Solid state magneto with electronic retard-sealed in epoxy for dust and moisture protection	
Lubrication	Splash system	
Muffler	Large capacity - screw in type	
Oil Capacity	52 ounces	
Oil Drain	Two sides above deck	a) PTO side b) Below deck Reference Dimensional Specifications
Oil Fill	Dipstick - top of cylinder cover	Extended oil fill tube and dipstick Reference Dimensional Specifications Primer or colors available
Paint	White enamel	
Rotation P.T.O. View	Counterclockwise	
Spark Plug	With sparkie terminal	Resistor spark plug
Speed Setting	3750 $\pm$ 150 RPM	
Starter	Rope sheave	a) Recoil position 2, 4, 6, 8 b) 12 volt electric with 20 amp alternator with rectifier regulator engine mounted Reference Dimensional Specifications
Valves	Austenitic steel intake-austenitic steel exhaust with stellite seating surface	
Valve Guides	Iron alloy inserts	
Valve Seats	Intake, iron alloy insert-exhaust, stellite insert	

### Additional Options Available

Fuel pump  
Counterbalance

Net Weight: 95 pounds approximately    ||    Pack: 12/Pallet    ||    Min. Qty: 48 engines per shipment

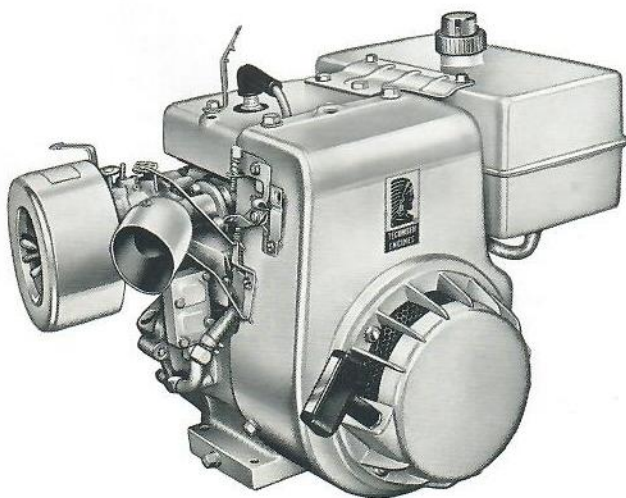


## TECUMSEH SNOW KING ENGINES

Designed and built to start and perform in weather that would keep a sled dog in camp.

Snow King engines lock the weather out. The heated carburetor enclosure keeps the carburetor and linkage warm and dry. Cold weather starting is easy with carburetor primer, moisture sealed ignition, freeze resistant vented fuel tank cap, shielded spark plug, winterized rewind starter, compression release and mechanical governor.

Tecumseh Snow King options include - 110 volt electric starter, lighting alternators, extension oil fill tube and dipstick, extended oil drain.



## RV ENGINES FROM TECUMSEH . . .

Recreational power from 3½ to 10 horsepower for bike, cart, three-wheeler, air boat, air cushion or anything.

With a full line of tailored to use options, from electric starting to Forest Service approved spark arrester mufflers.

Write or call Tecumseh for help on your specific project.

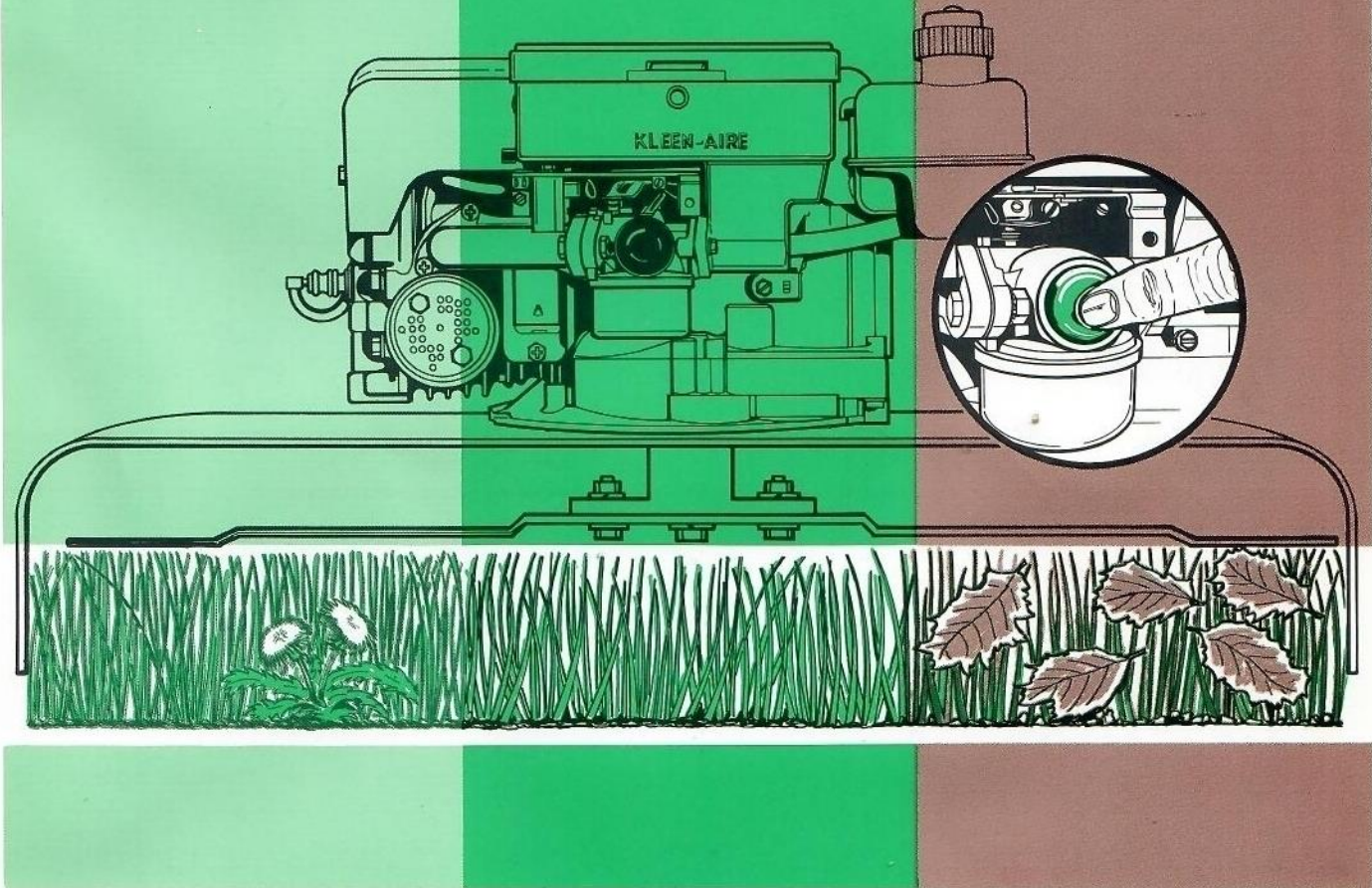


# DUAL SYSTEM CARBURETOR

SPRING

SUMMER

FALL



For warm and hot weather mowing, a precise fuel-air mixture is automatically provided. Just pull the starter rope and go.

For cooler weather mowing and fall clean-up or mulching, the manual primer enriches the fuel-air mixture for reliable starting.





# TECUMSEH SERVICE IS ORGANIZATION

Tecumseh Parts Depot Division employs a staff of over 150 people involved only in Service Support.

Factory Service Representatives located in Field Territories

\* Factory Service Coordinators handle direct telephone communications

Tecumseh Central Warehouse Distributors that are the best in the industry

Parts & Service Distributors located in every Trade Area

Parts & Service Dealers - over 15,000 strong, everywhere in the USA, Canada, plus a world wide Parts & Service Organization. You'll find them fast in the Yellow Pages listed under "Engines, Gasoline".

# TECUMSEH SERVICE IS PERFORMANCE

\*WATS line CWD emergency order system

24 hour shipment of authorized emergency orders

Pre-season computerized parts stocking

\*Distributor stock analysis for continuous parts stock availability

Annual Dealer performance evaluation

# TECUMSEH SERVICE IS SUPPORT

Factory & Field Schools - Intensive Dealer education

\*Territory by territory Dealer parts stocking programs

\*Individual product and customer stocking guidance tailored to need

\*No penalty/No limit Dealer Stock Adjustment Program

\*Finest Warranty Program in the Industry - Full shop labor rate plus parts profit

\*UNIQUE in the Engine and Transmission Industry

