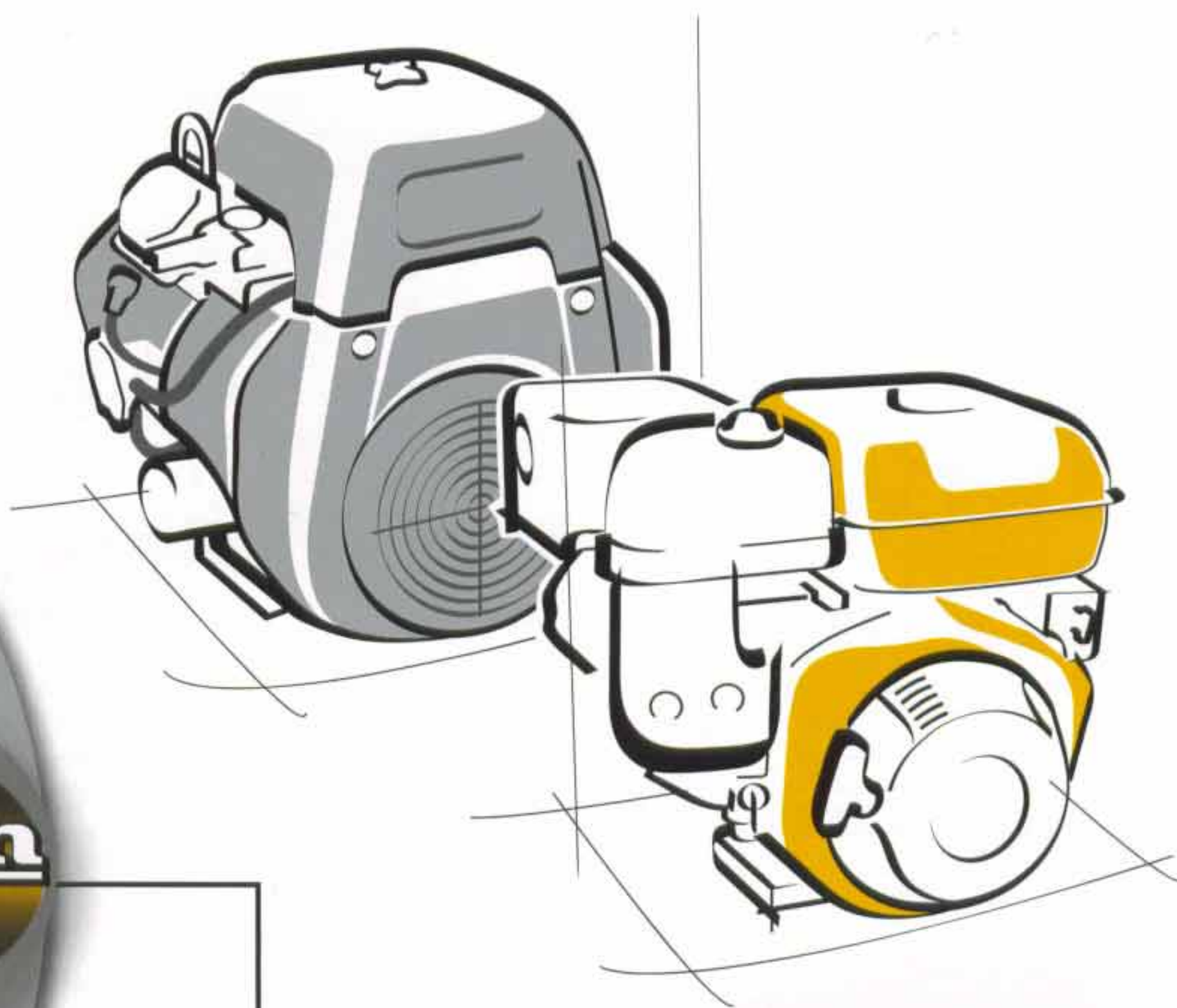


EH series

36/41/63/64/65/72

EH Series



Robin
SUBARU

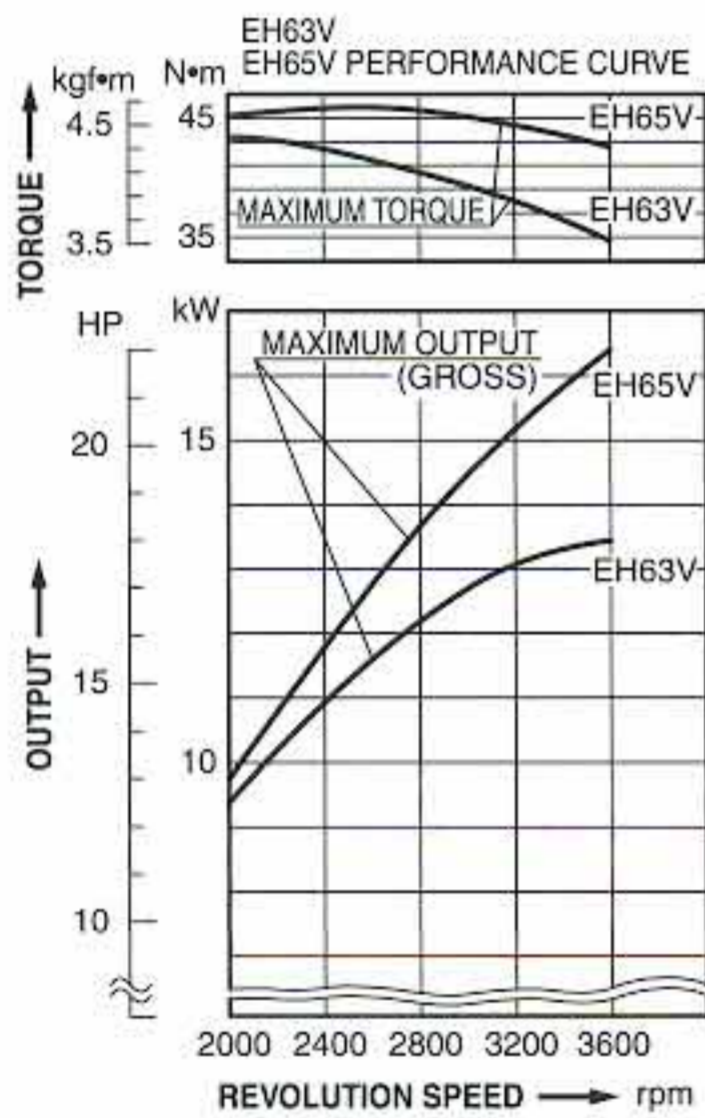
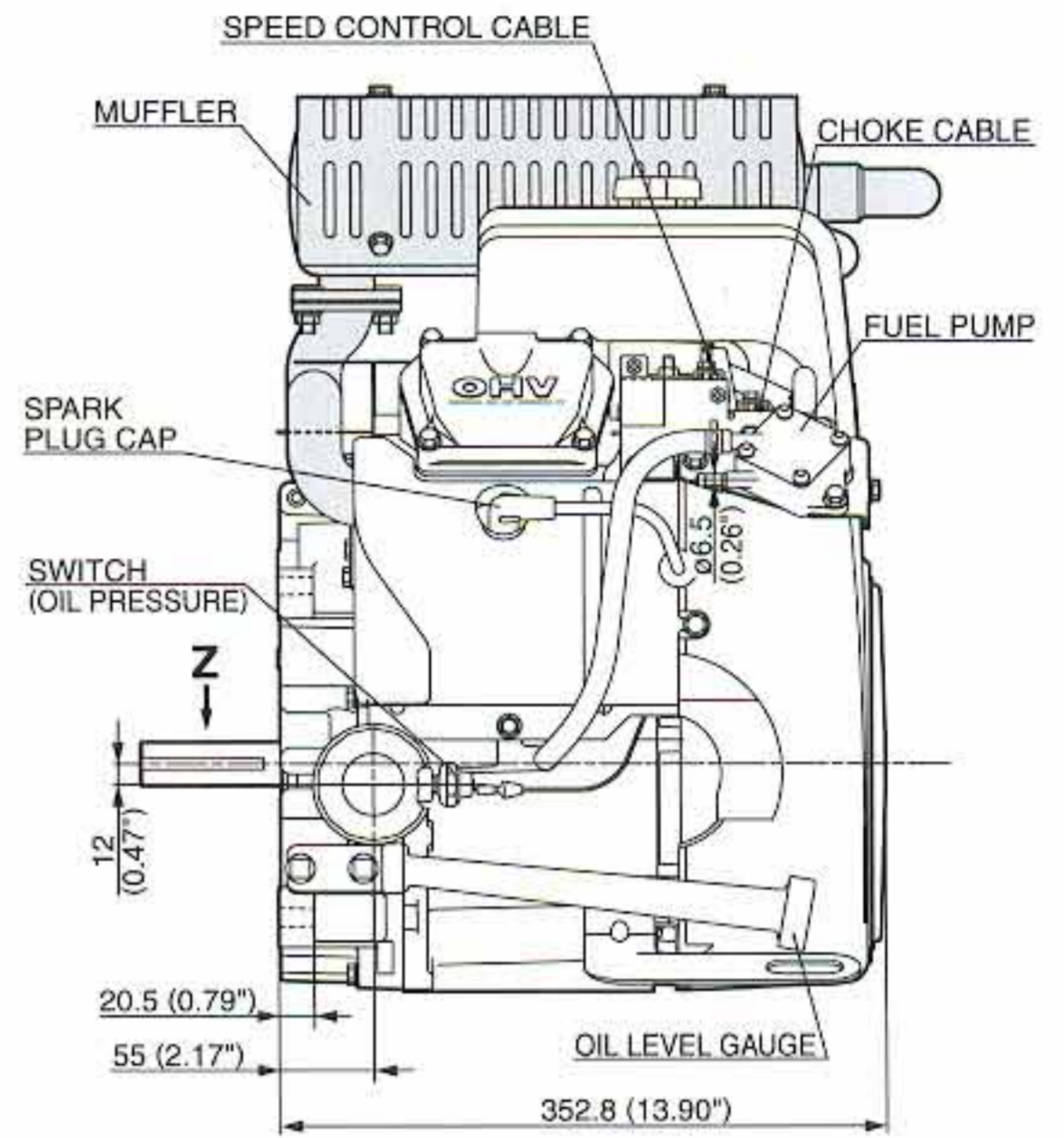
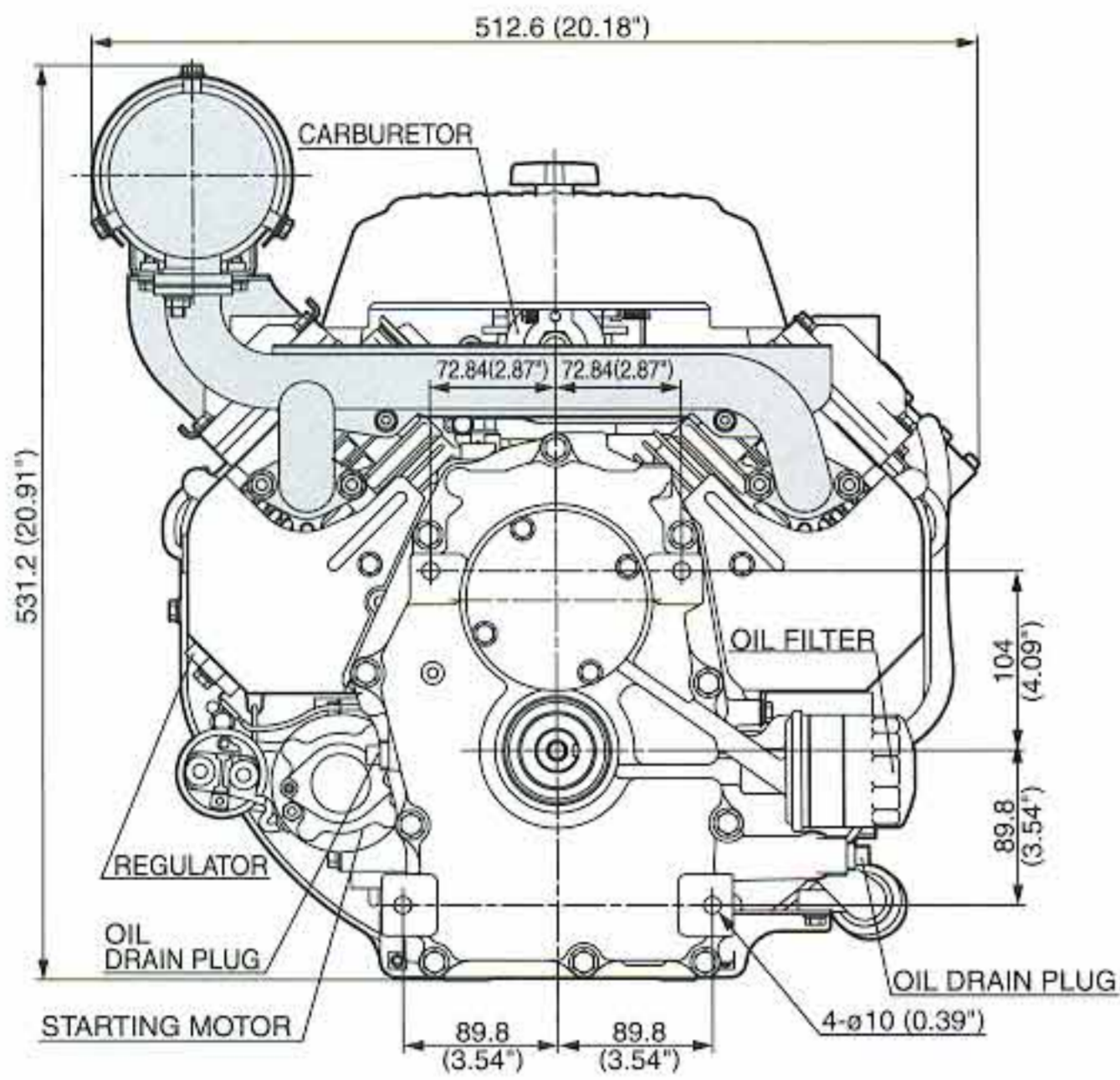
MFG. BY FUJI HEAVY INDUSTRIES LTD.
TOKYO JAPAN

Air cooled 4 cycle

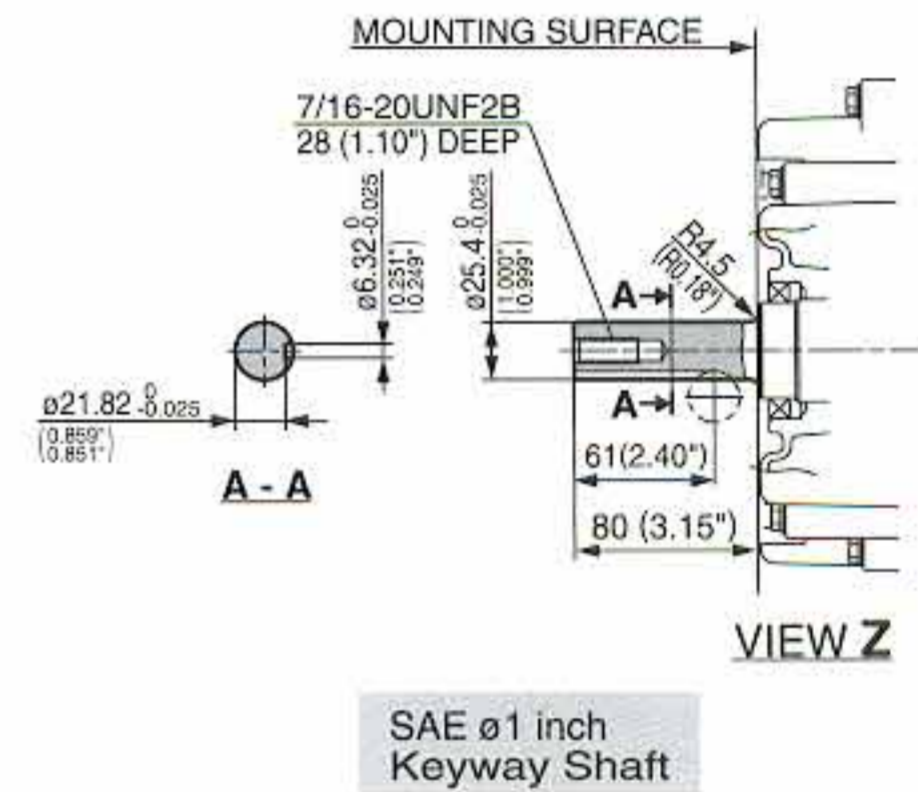
OHV Gasoline Engine

EH Series

EH63V/65V

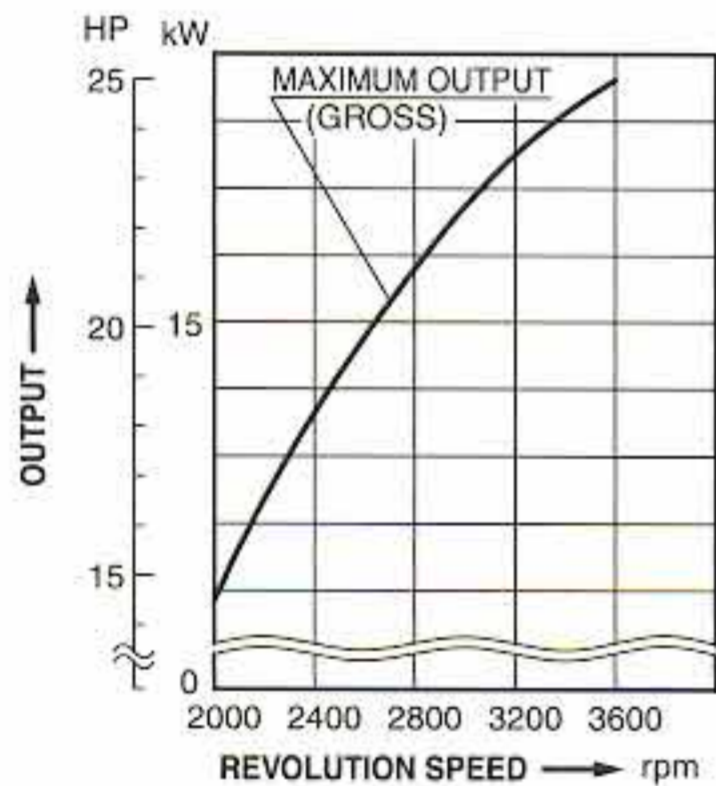
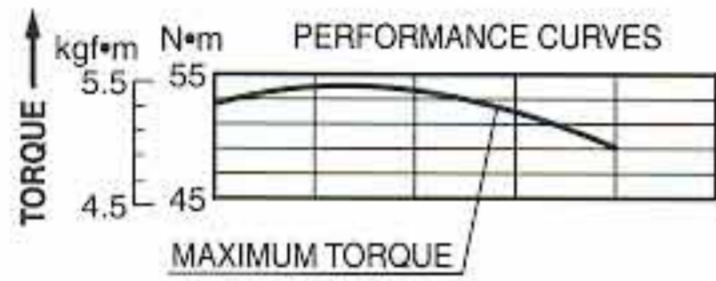
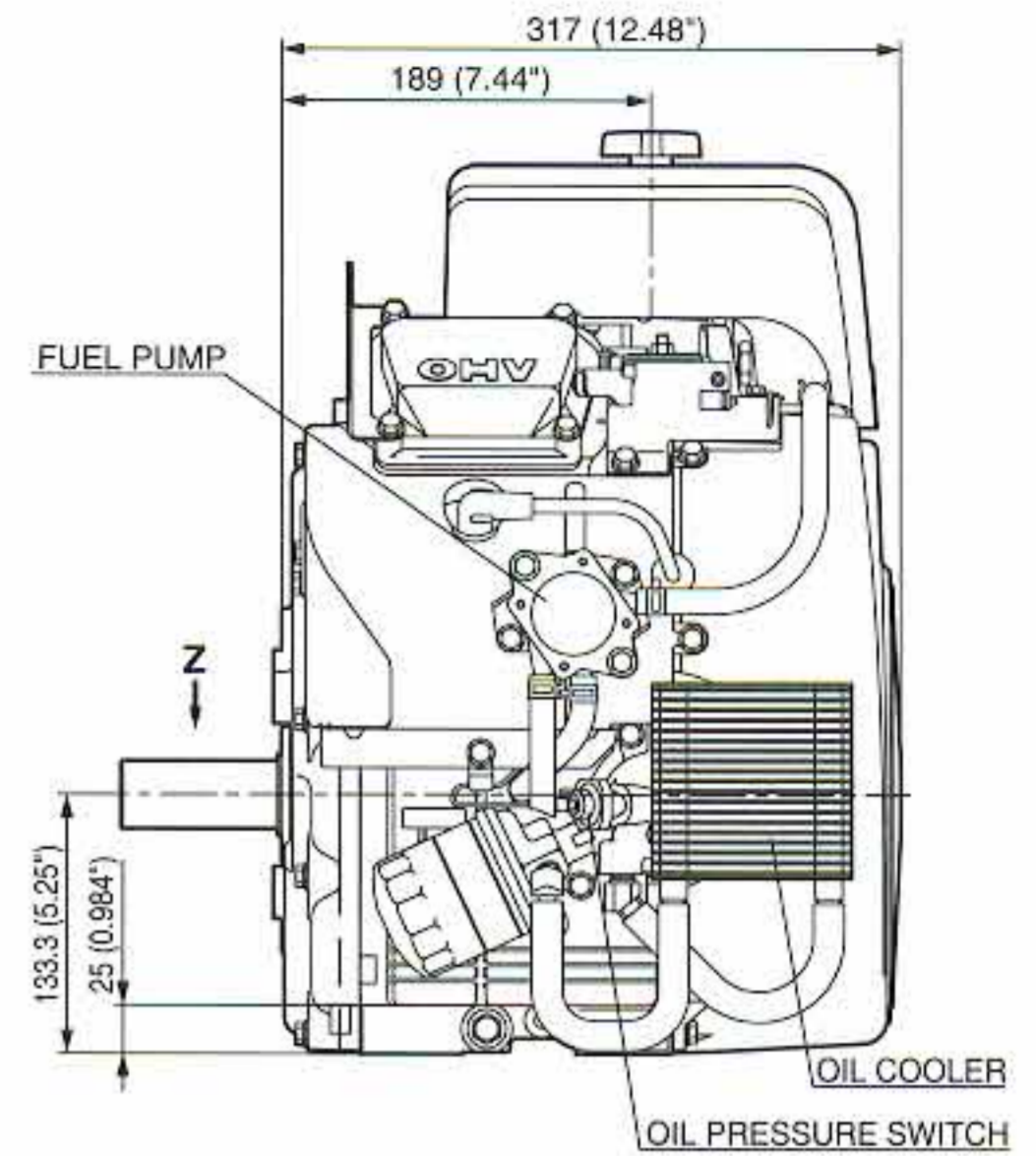
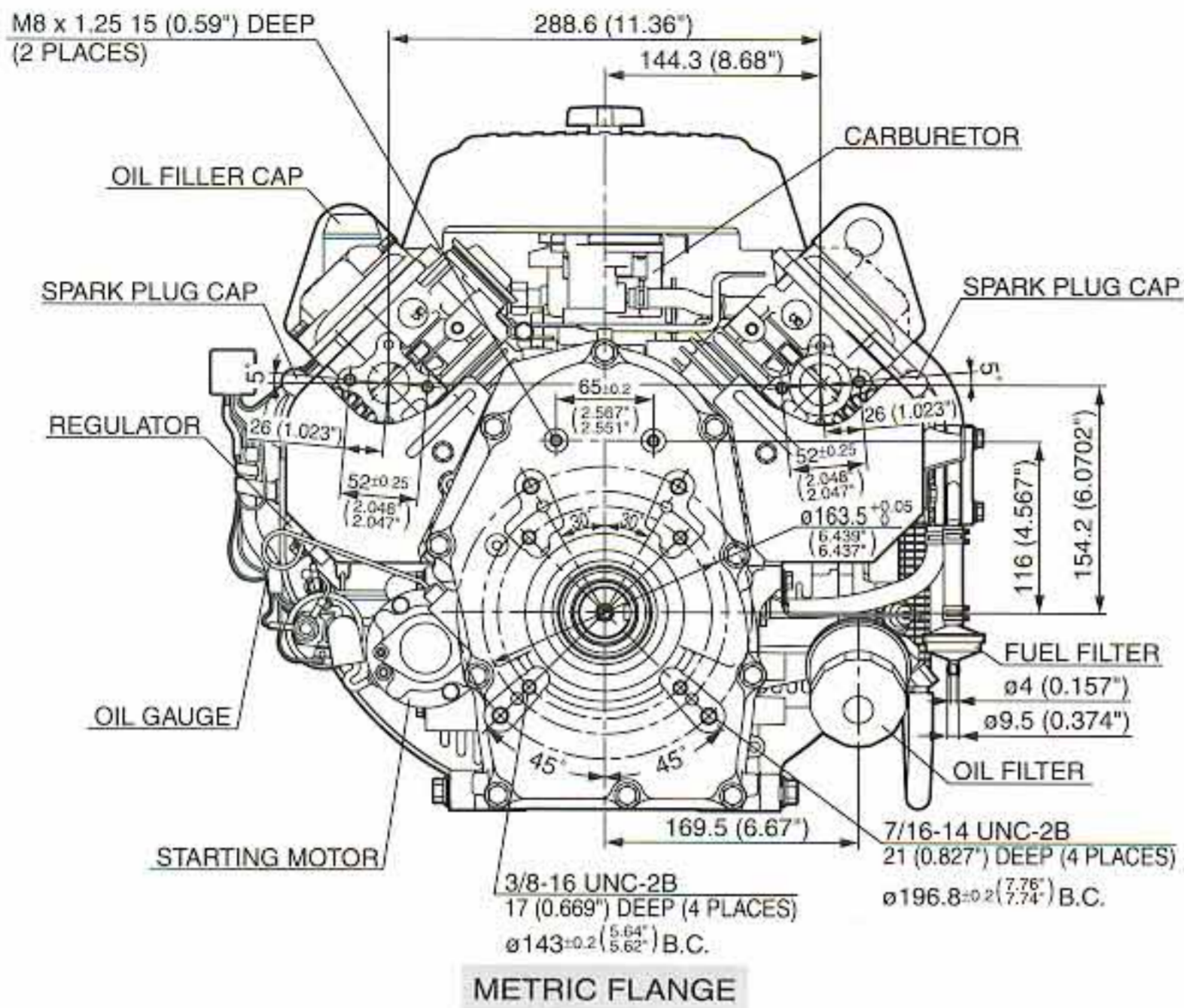


Power curves are corrected to standard sea level atmospheric condition and are developed from test engines equipped with standard air cleaner and muffler.

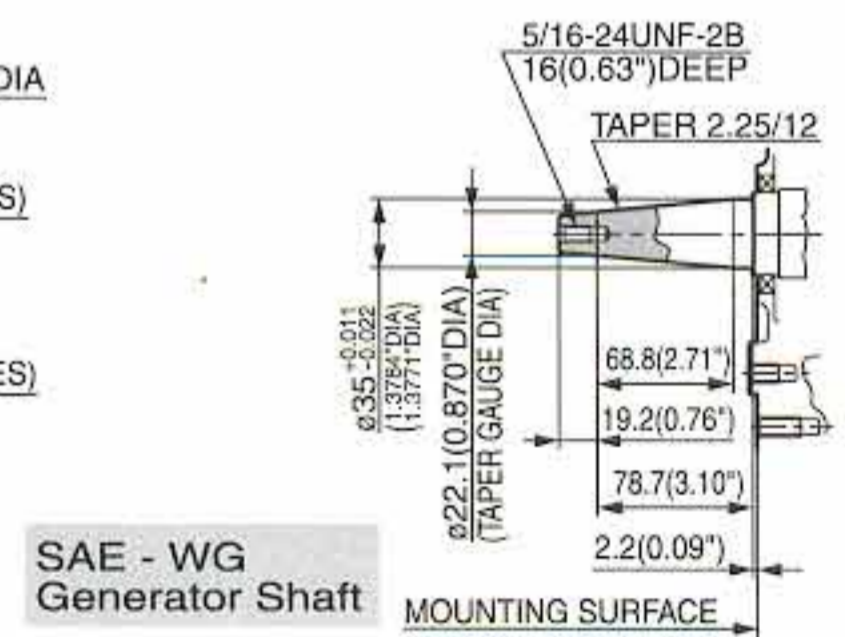
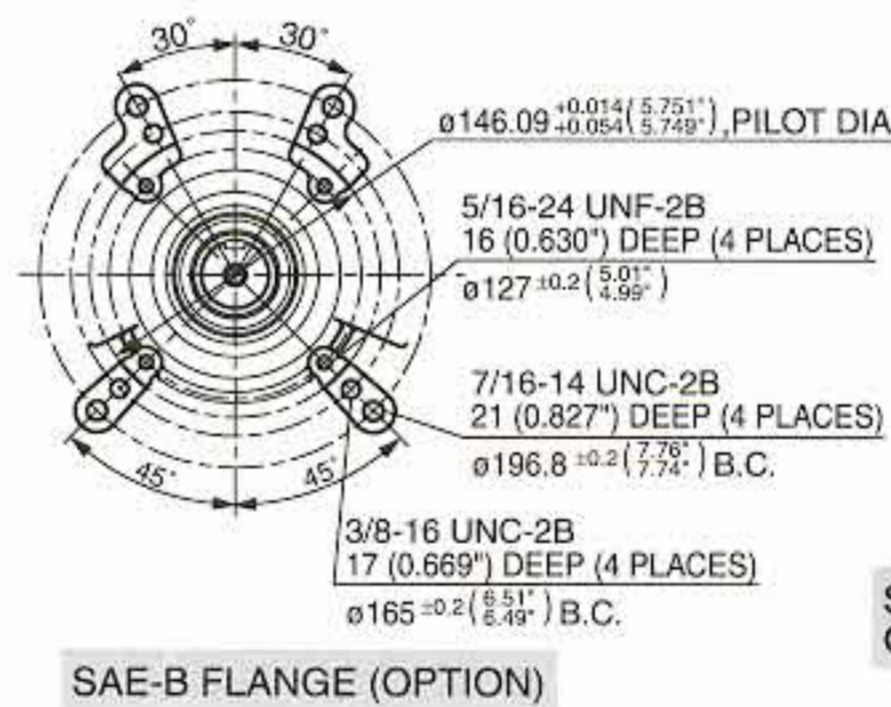
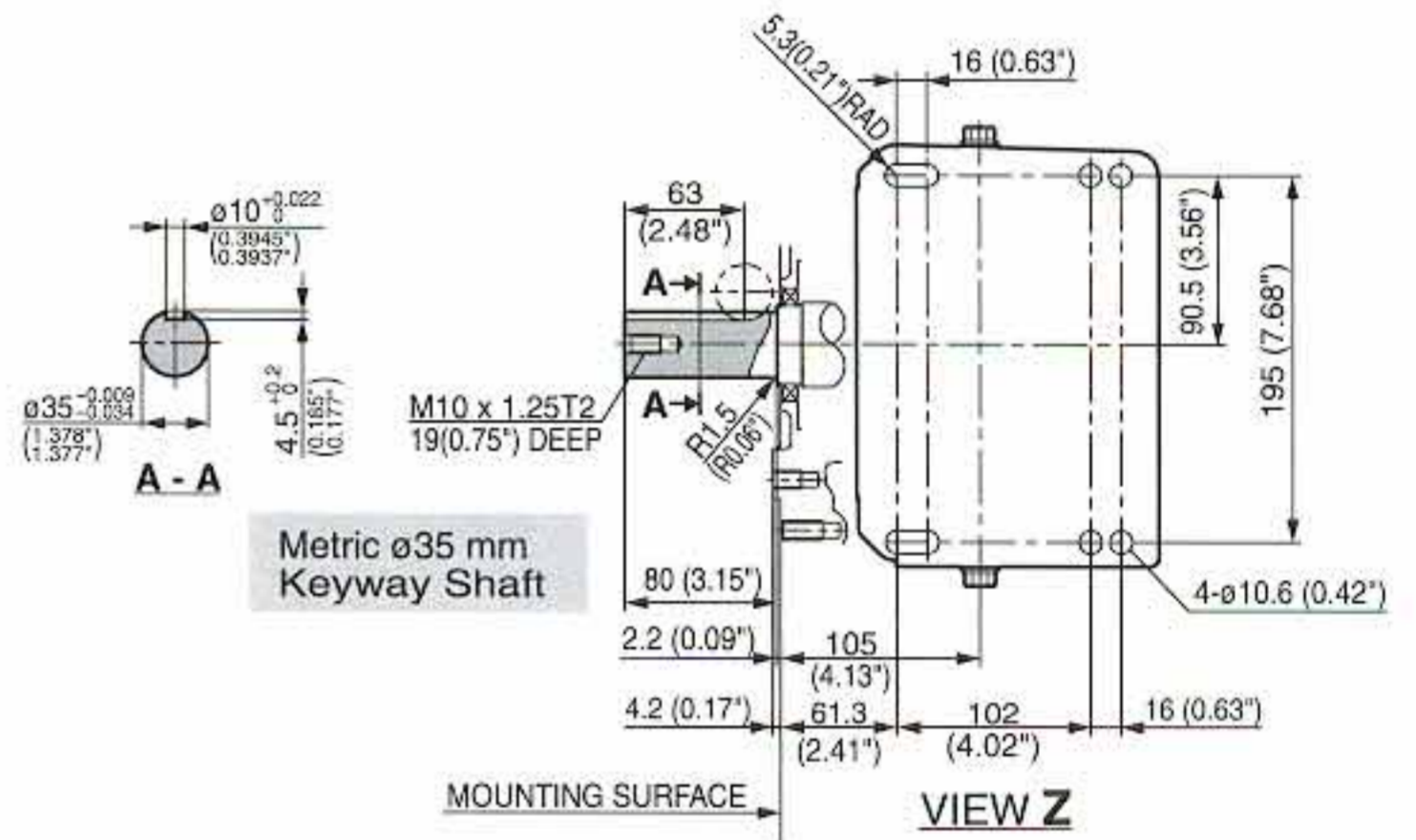


*Muffler as option

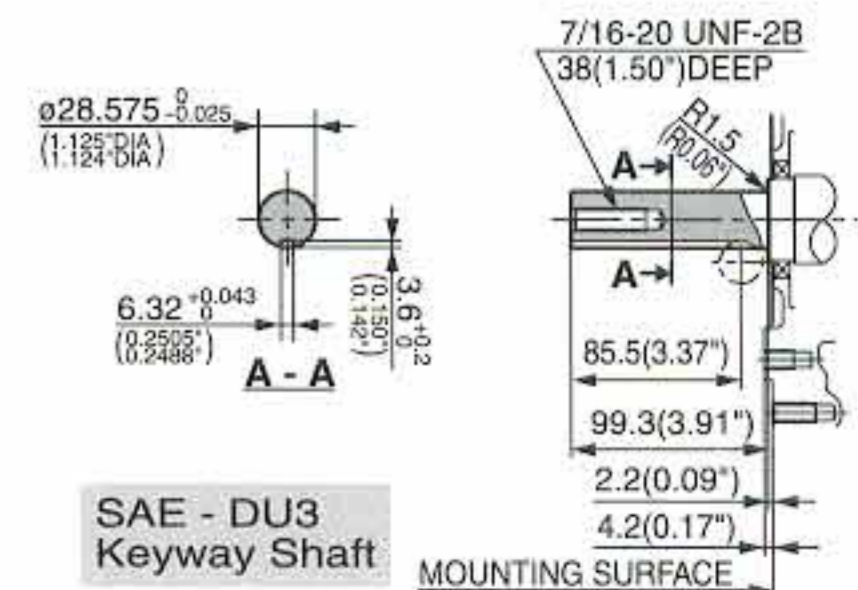
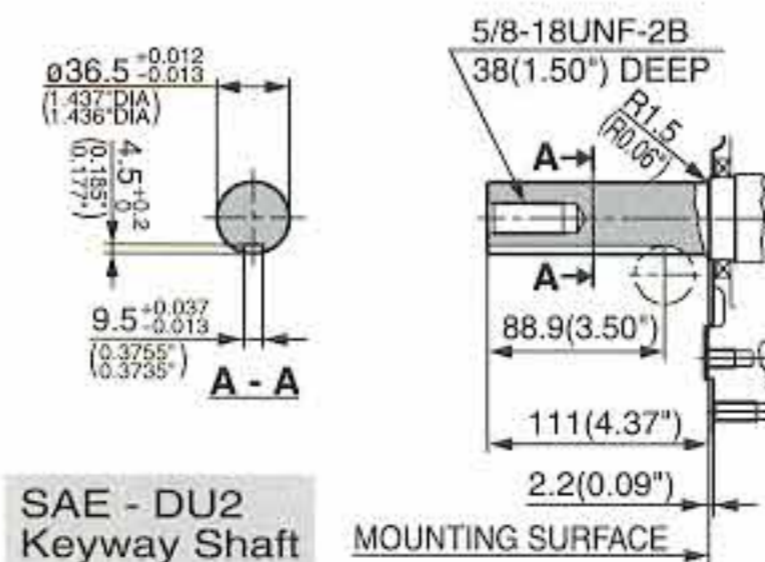
EH72DS



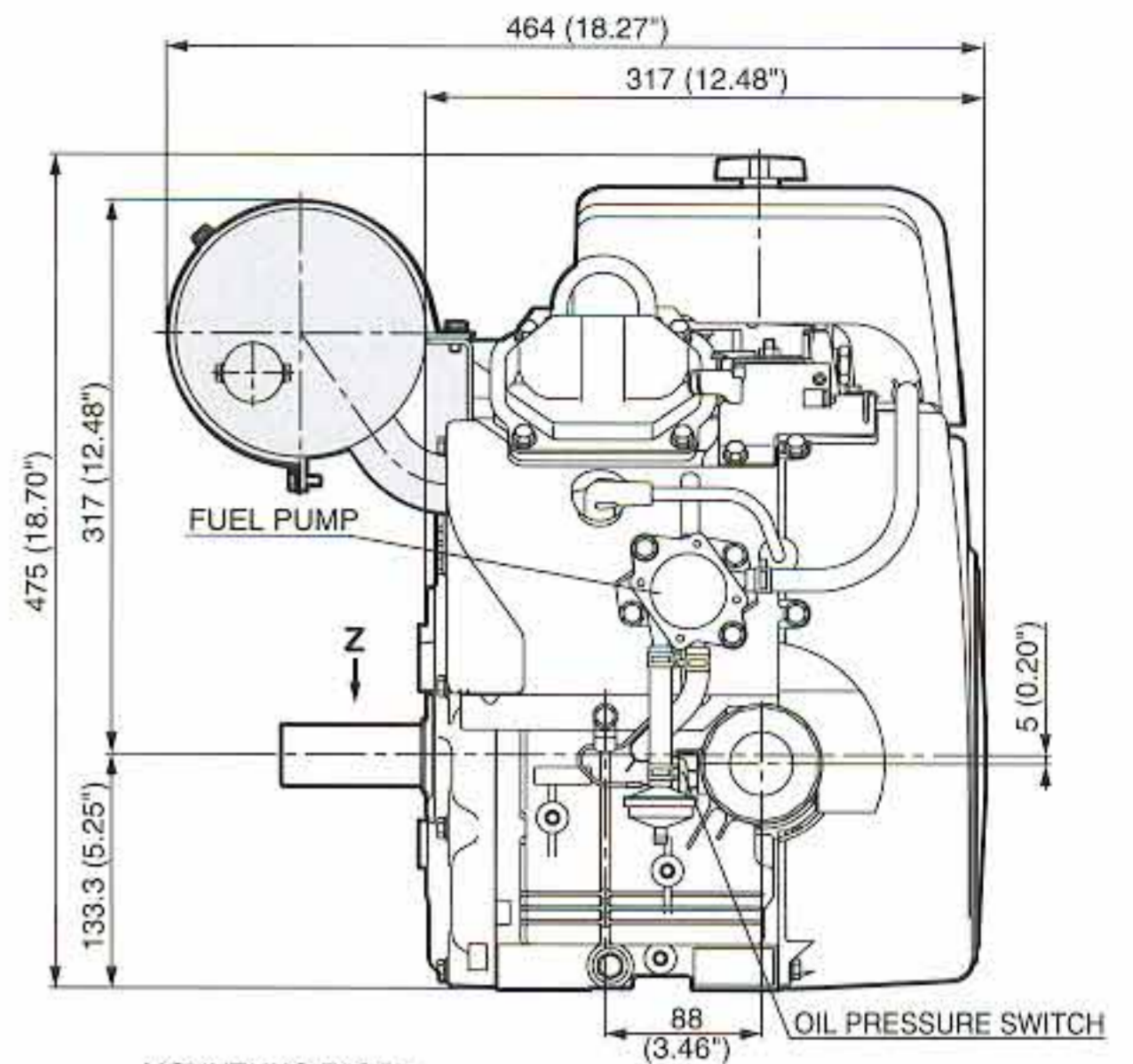
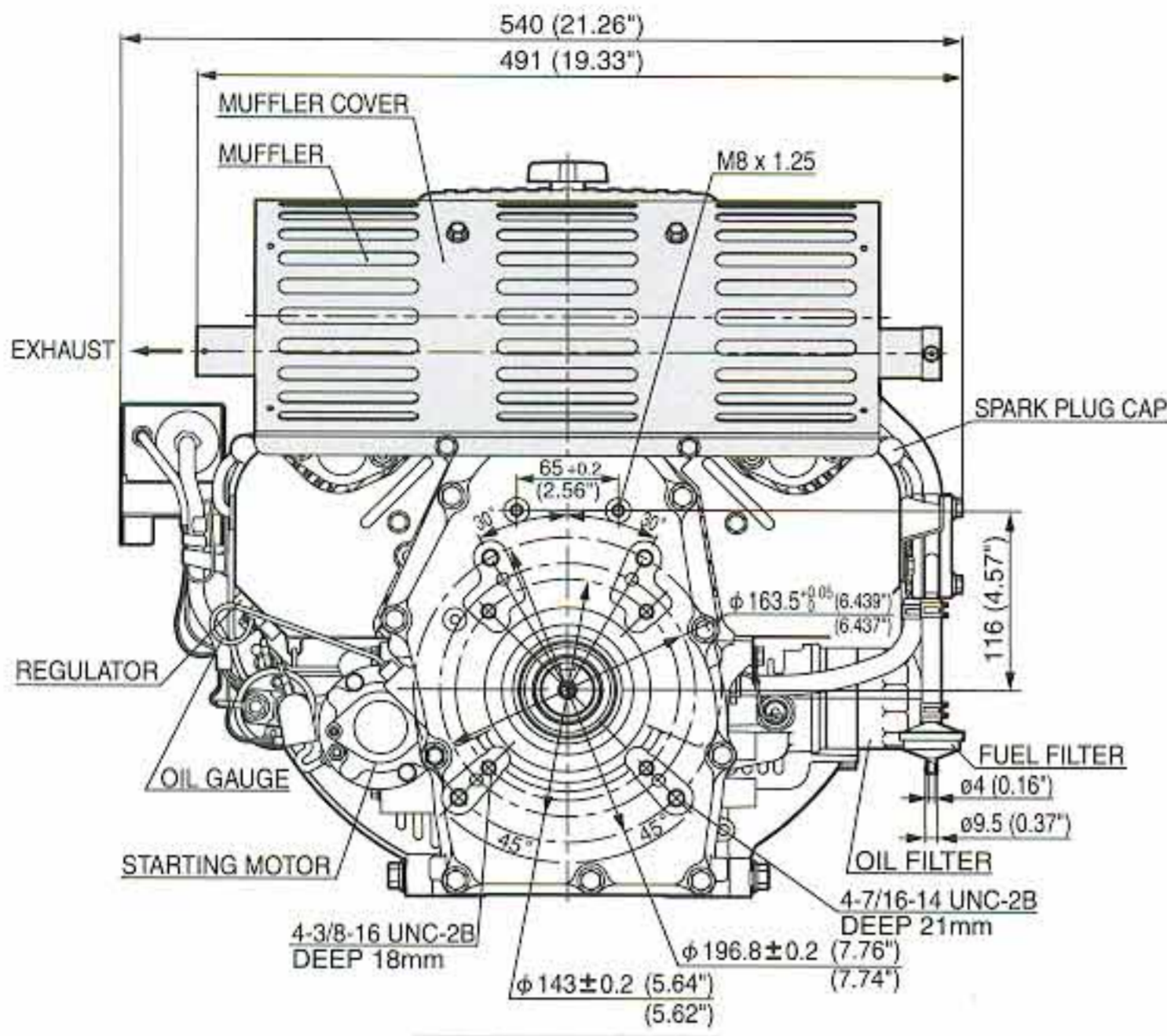
Power curves are corrected to standard sea level atmospheric condition and are developed from test engines equipped with standard air cleaner and muffler.



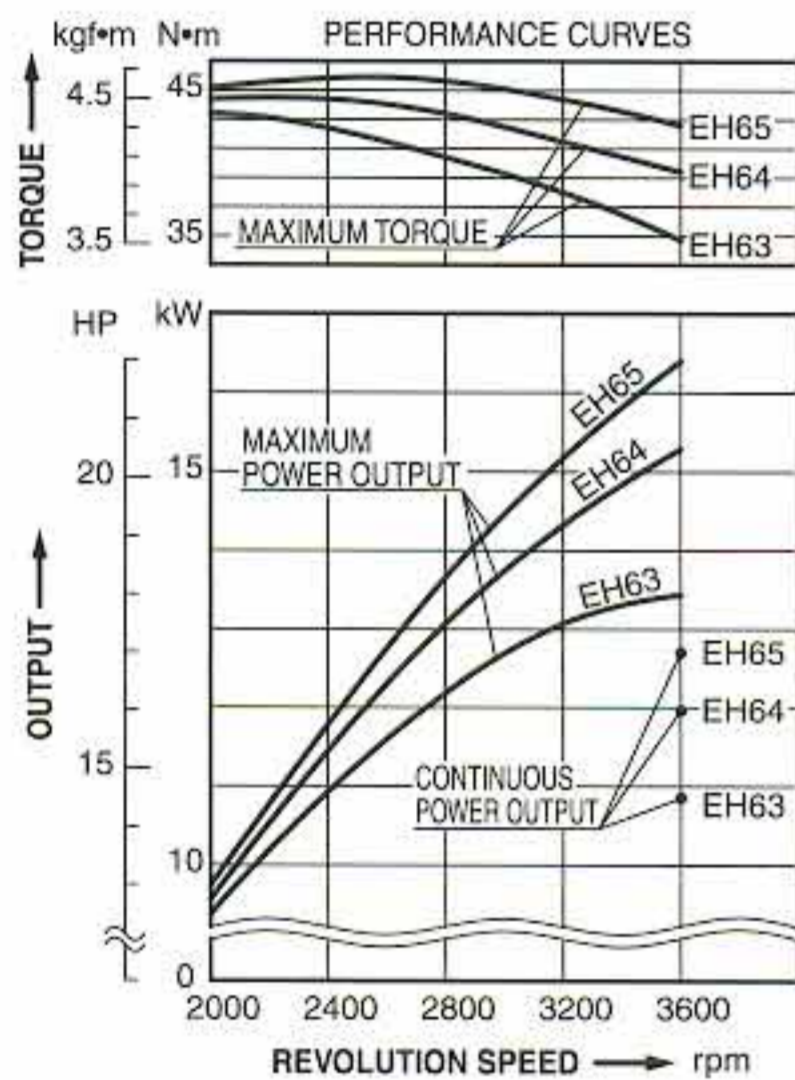
*Muffler as option



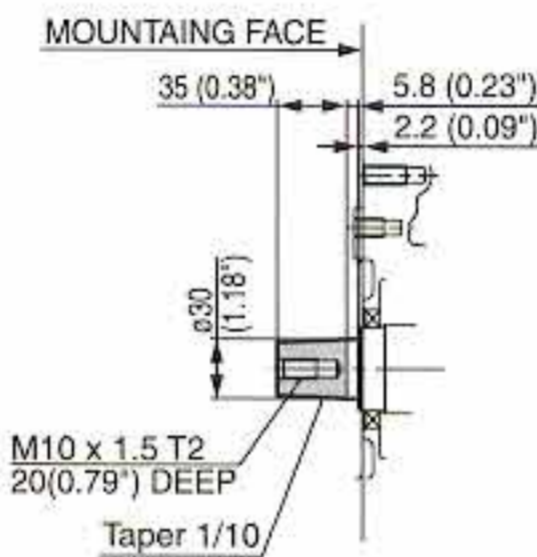
EH63DS/64DS/65DS



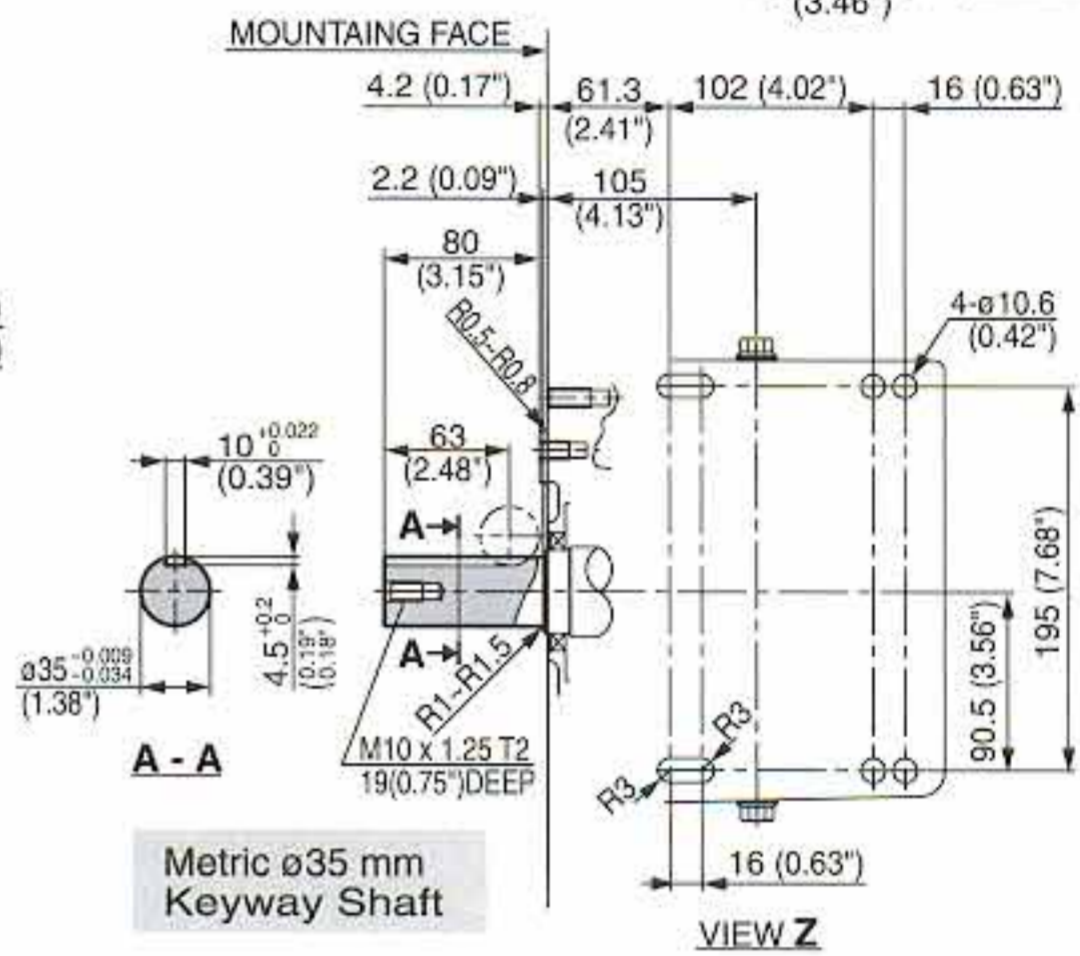
METRIC FLANGE



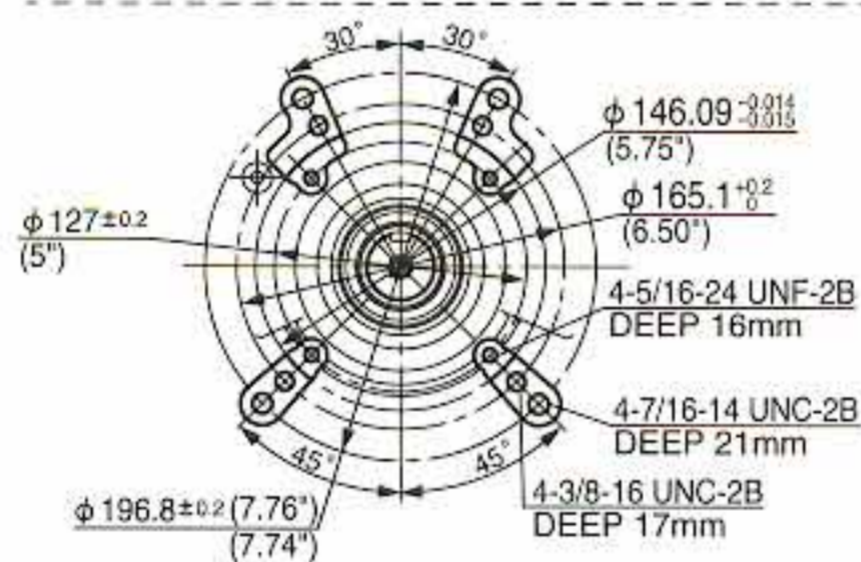
Power curves are corrected to standard sea level atmospheric condition and are developed from test engines equipped with standard air cleaner and muffler.



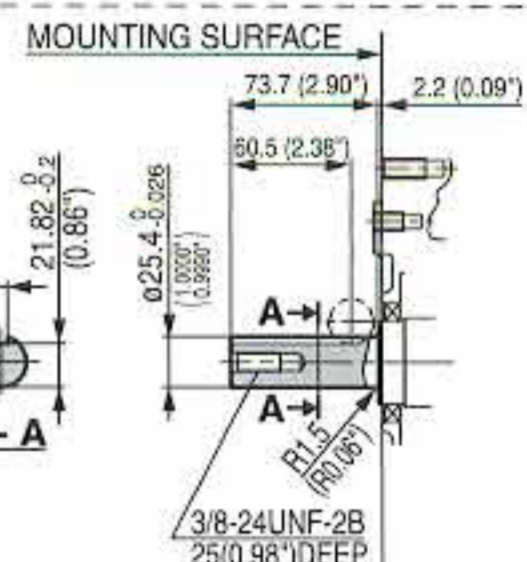
Metric 1/10 taper Generator Shaft



Metric $\phi 35$ mm Keyway Shaft



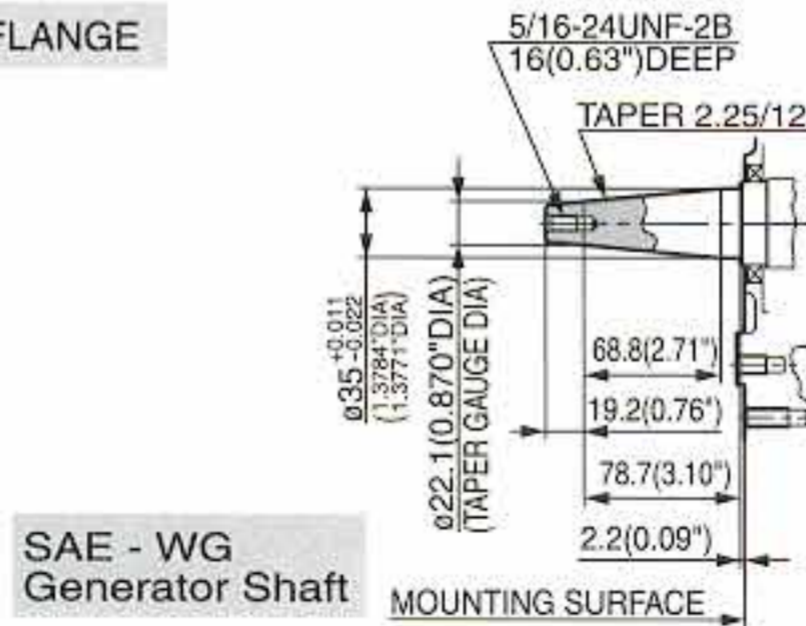
SAE-B FLANGE



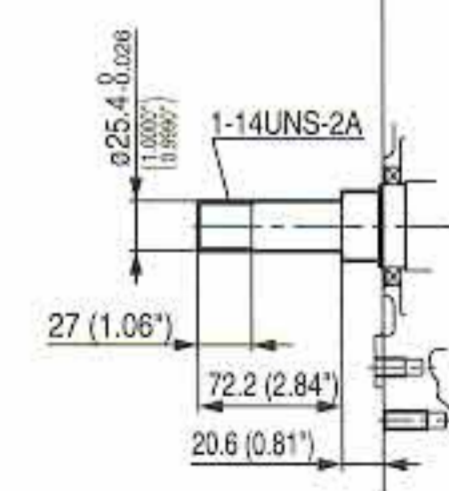
SAE $\phi 1$ inch Keyway Shaft



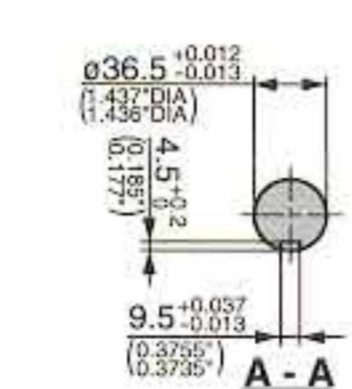
*Muffler as option



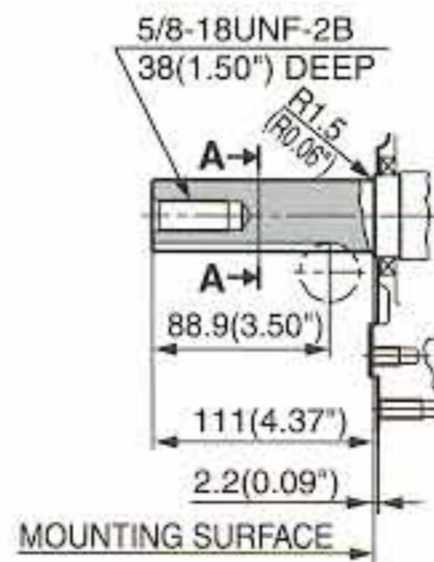
SAE - WG Generator Shaft



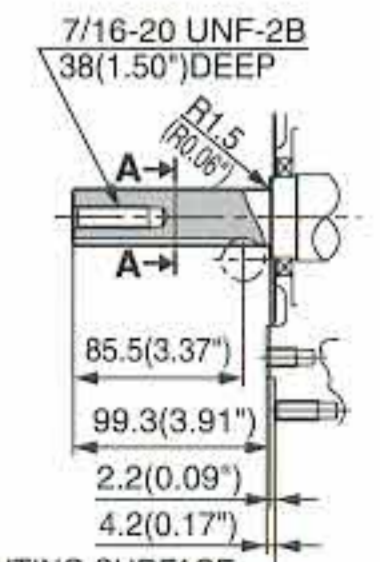
SAE $\phi 1$ inch Pump Shaft



SAE - DU2 Keyway Shaft



SAE - DU3 Keyway Shaft



Robin
SUBARU

MFD. BY FUJI HEAVY INDUSTRIES LTD.,
TOKYO, JAPAN

EH series

The Robin EH series

Heavy duty

The EH series is designed as the heaviest duty engine series featuring cast iron cylinder sleeve and forged steel crankshaft with dual ball bearing supports.

Economy

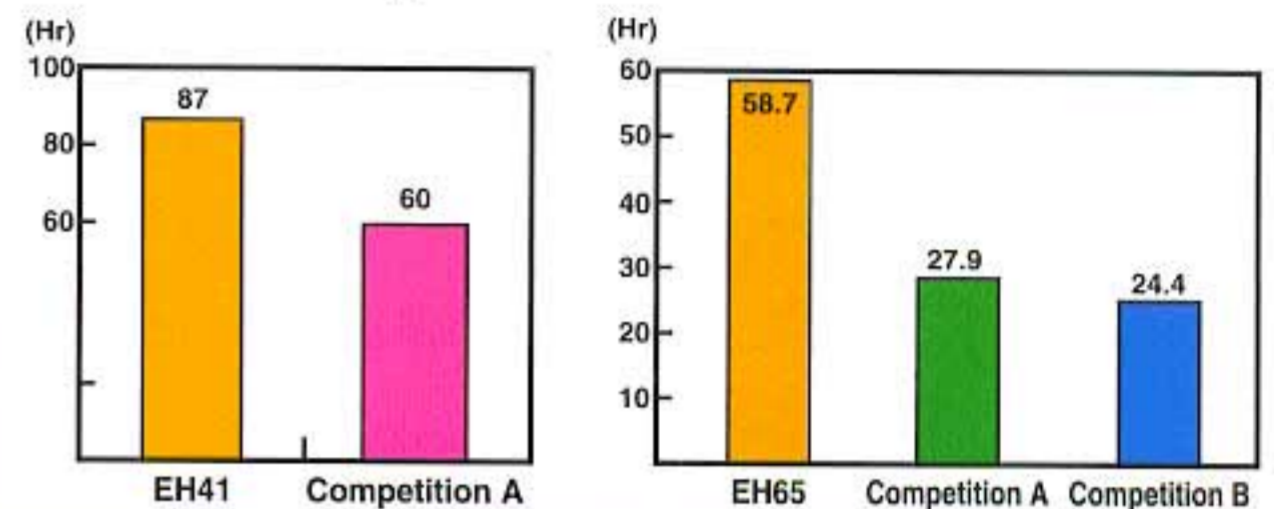
Oil consumption of EH series is minimized by the advanced features such as 3-piece oil ring, breather system, valve stem seal and high cooling efficiency.

This realizes economy run and longer interval in oil maintenance.

Environmental friendly

The EH series is engineered to meet or exceed all governmental emission regulations while providing superior performance and long life.

Running time without oil re-fill



EH36/41 series

OHV Single Cylinder, Gasoline Engine

Easy starting

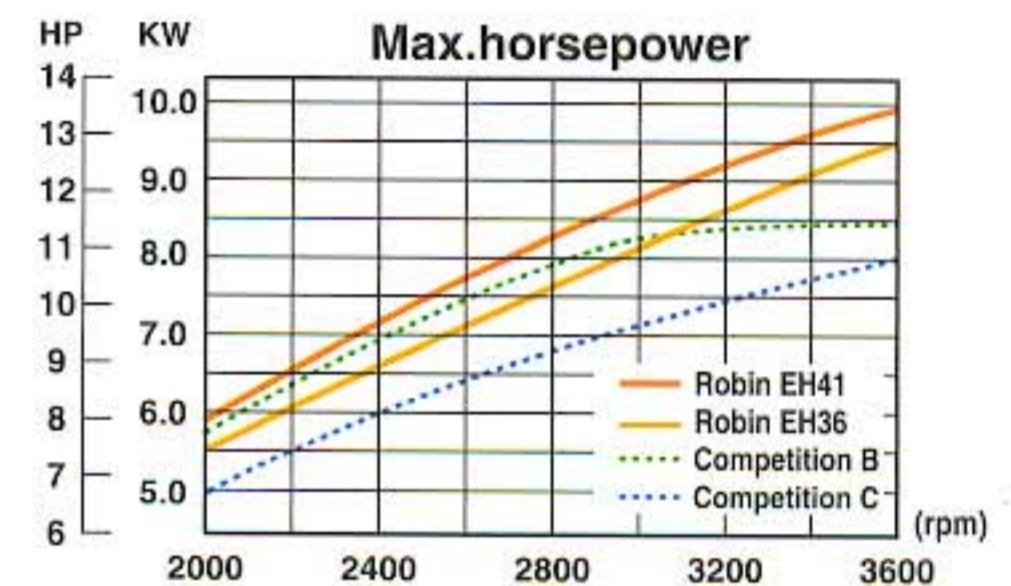
Reliable and easy starting of EH36/41 series is realized by the combination of the light recoil pulling force, the result of the large diameter recoil reel, the well balanced automatic compression release system and the automatic ignition timing adjustment system.

Powerful

EH36/41 series produces the largest output, horsepower and torque, among 13HP class engines.

Low noise and less vibration

The low noise and smooth operation is achieved by the internally baffled large muffler, noise silencing air cleaner and the well balanced reciprocating parts.



EH63/64/65/72 series

OHV V-Twin Cylinder, Gasoline Engine

Powerful

EH63-72 series produces high torque over the entire speed range.

Good response, stable run

The EH63-72 series use a flyweight type governor that is quite responsive to load changes.

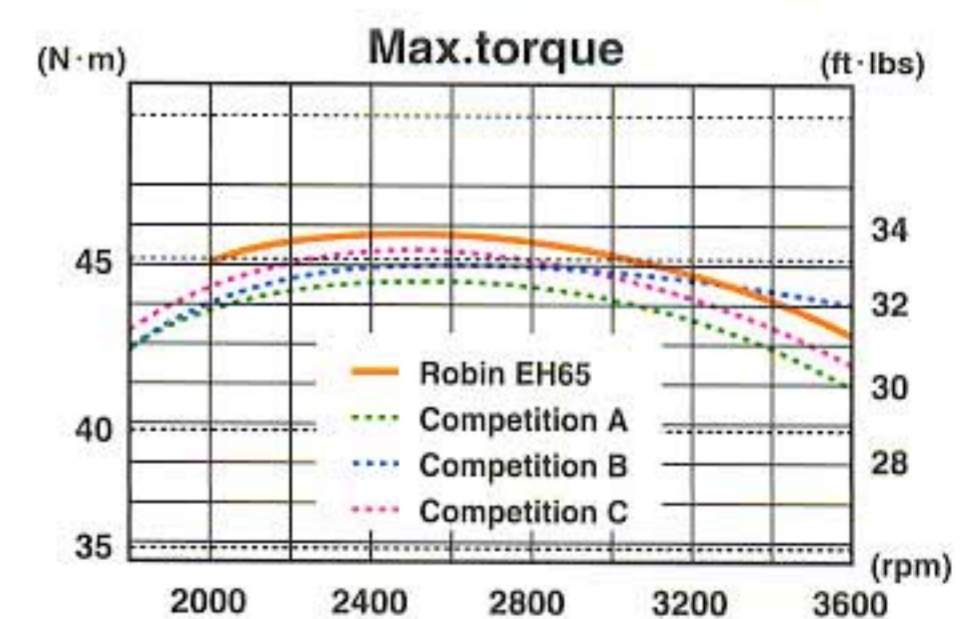
Also, the governor of EH63-72 series controls engine speed fluctuation within 5%.

Clean and economy

The OHV design with the high efficiency down draft carburetor realizes extreme fuel efficiency and low emission.

Durability

The oil cooler is equipped for EH72 as a standard specification. Its purpose is to keep the durability against the higher cylinder temperature caused by the larger displacement than EH65.



EH36•41 / EH63•64•65•72

The heaviest duty engines.



EH41D



EH65DS



SPECIFICATIONS

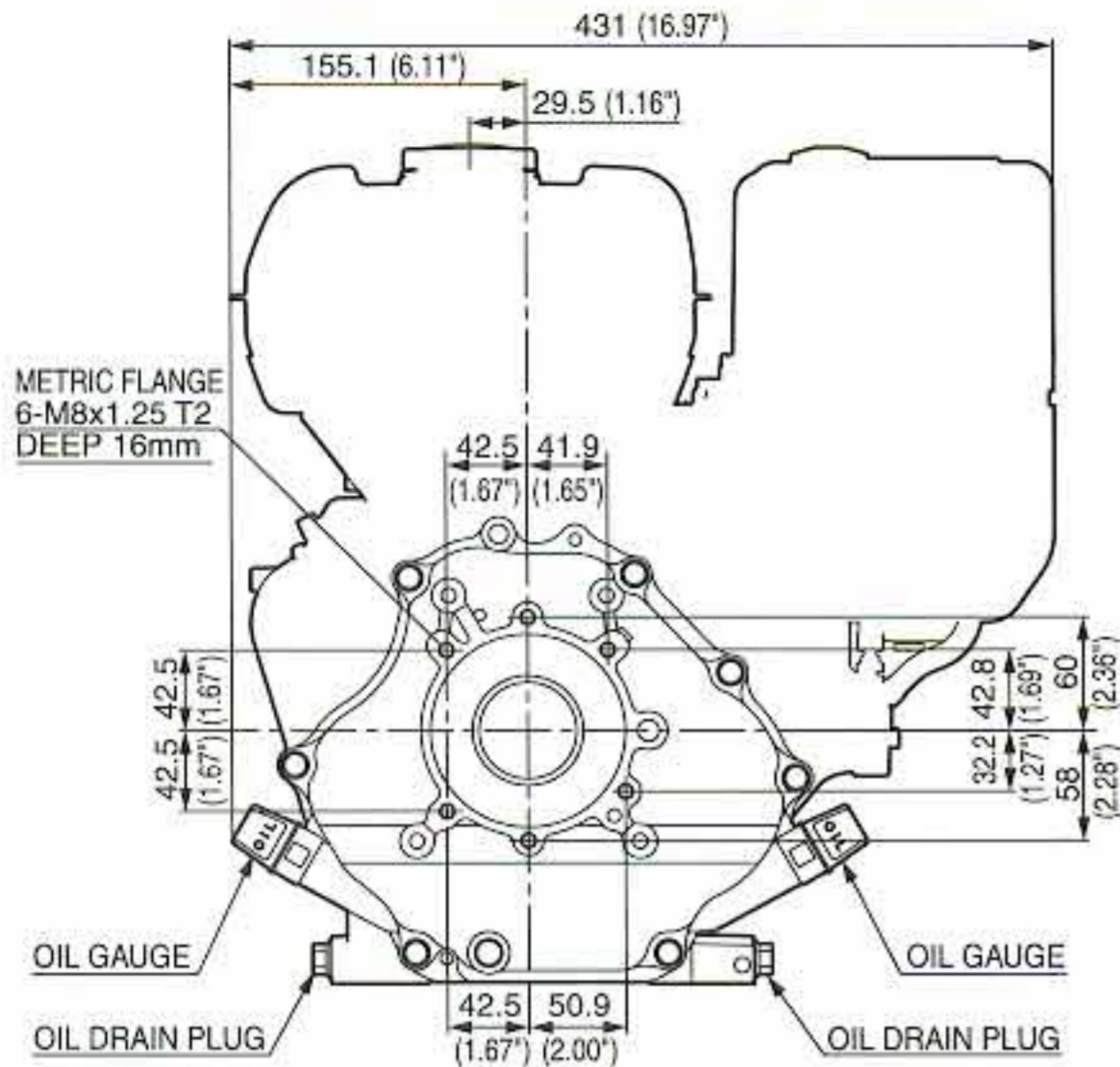
Model	EH63DS	EH64DS	EH65DS	EH72DS
Type	Air-cooled, 4-cycle, V-Twin cylinder, horizontal PTO shaft, OHV, gasoline engine			
Bore x Stroke	mm (in.) 80x65(3.15x2.56)			84x65(3.31x2.56)
Piston displacement	ml (cu.in.) 653(39.9)			720(43.9)
Continuous output	kW[PS](HP)/rpm 10.814.5/3600	11.916.0/3600	12.717.0/3600	13.418.0/3600
Maximum output	kW[PS](HP)/rpm 13.418.0/3600	15.320.5/3600	16.422.0/3600	18.425.0/3600
Maximum torque	N · m[kgf · m] (lbf · ft)/rpm 43.3[4.41] (31.91)/2000	44.3[4.52] (32.69)/2200	45.6[4.65] (33.63)/2500	53.6[5.5] (39.78)/2500
Direction of rotation	Counter clockwise as viewed from PTO shaft side			
Fuel	Automobile unleaded gasoline			
Lubricant	Automobile oil SAE#20, #30 or 10W-30, class SE or higher			
Lubrication	Full pressure type(with Trochoid pump)			Full pressure type(with Oil cooler)
Lubricating Oil capacity	liter (US gal.) 1.55(0.41)			
Carburetor	Down draft type			Down draft type(with Accle pump)
Ignition System	Flywheel magneto(solid state)			
Spark Plug	NGK BP6ES(Champion-N9YC)			NGK BPR6ES
Governor	Centrifugal flyweight type			
Dry weight	kg (lb) 44(96.8)			46(101.3)
Dimension	length x width x height mm (in.) 317x477x475 (12.5x18.8x18.7)			317x477x475 (12.5x18.8x18.7)

OPTIONS

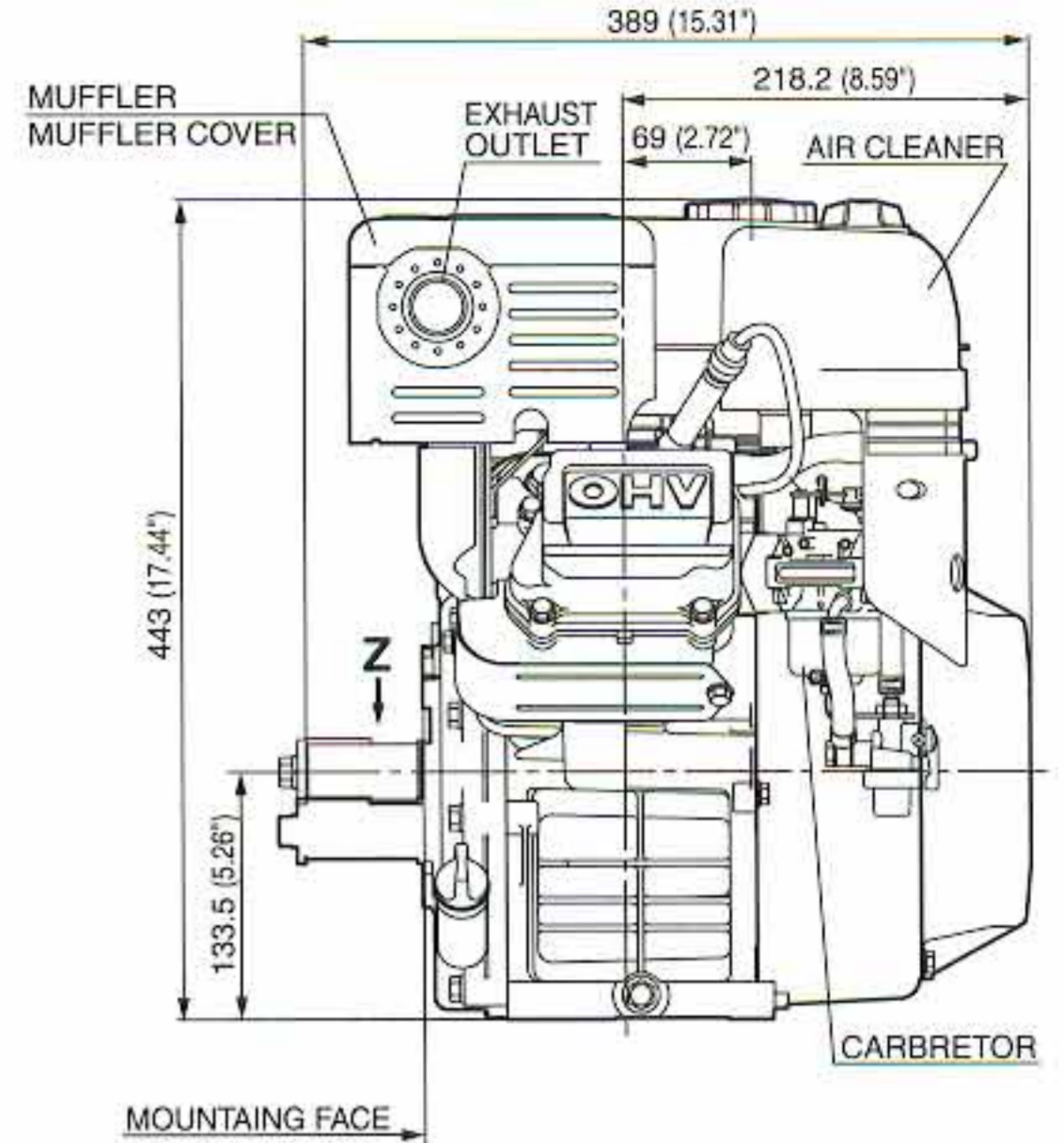
Model	EH63DS	EH64DS	EH65DS	EH72DS
Lighting Coil	STD : 12V-15W	12V-30W		
Starter	Electric Starter : STD			
Air Cleaner	Dual element : STD			
Muffler	STD : LESS / High mount type, Left side muffler, Right side muffler, Exhaust deflector, Spark arrestor			
Speed Control	STD: Lever	Cable(Manual & Remote)speed control		

○ : Option available, – : Not available

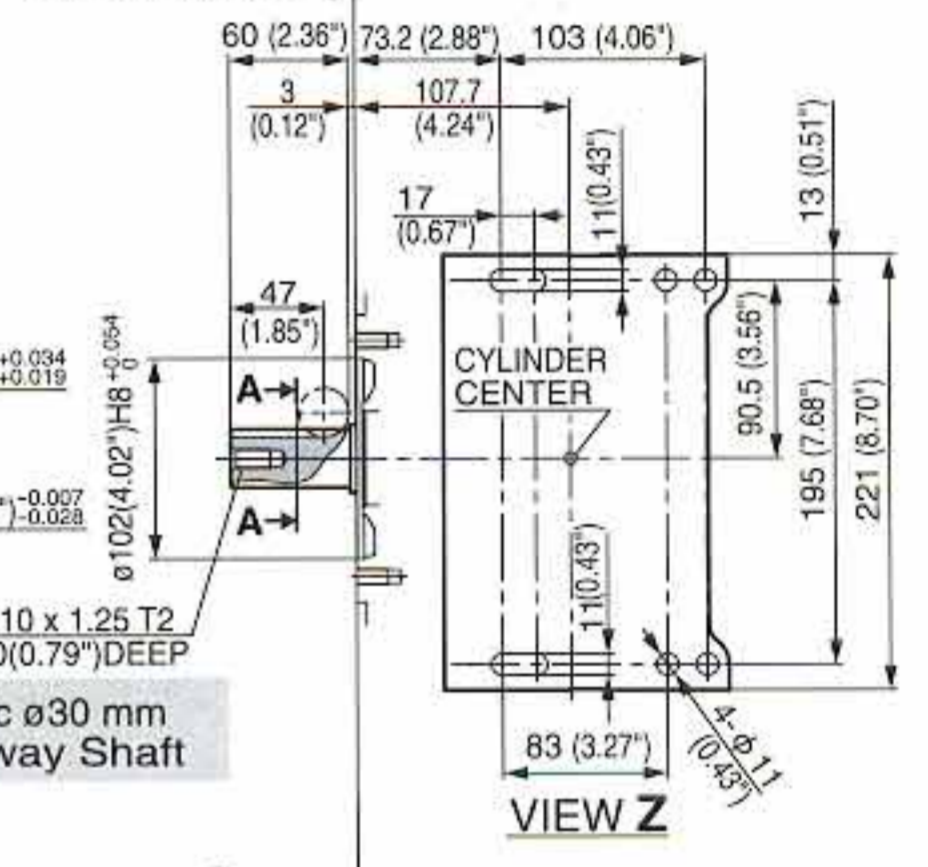
EH36D/41D



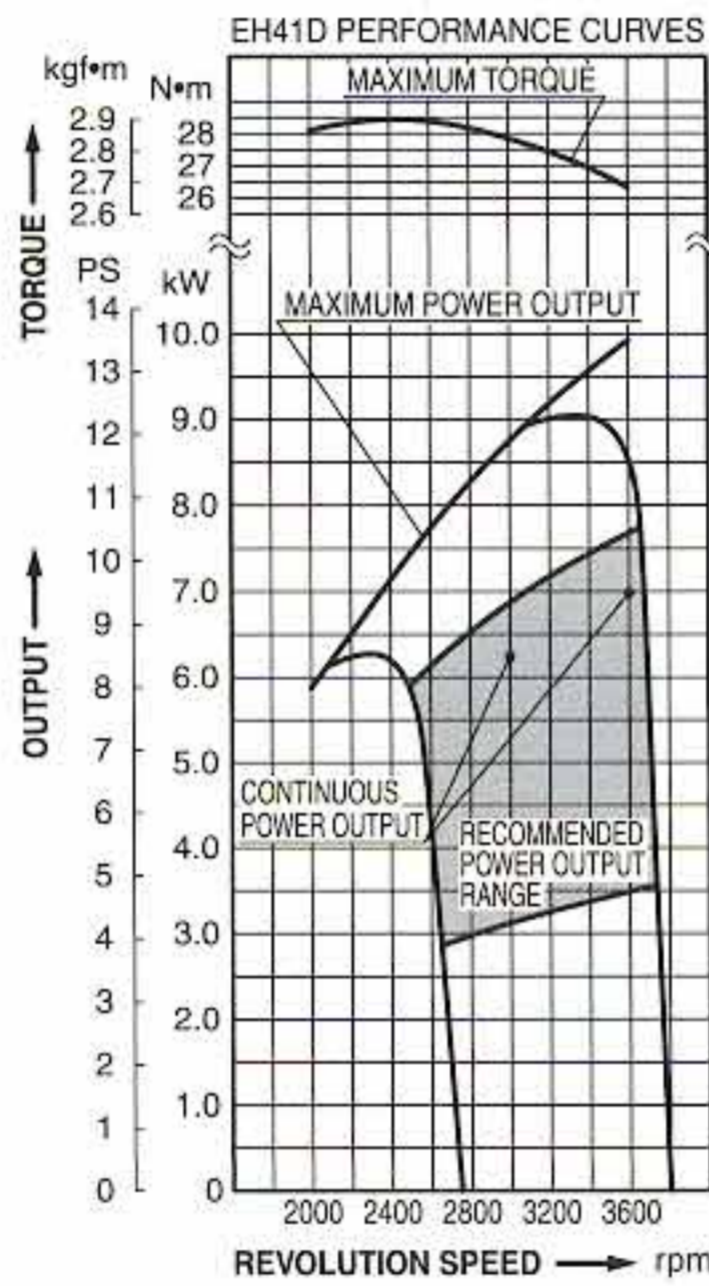
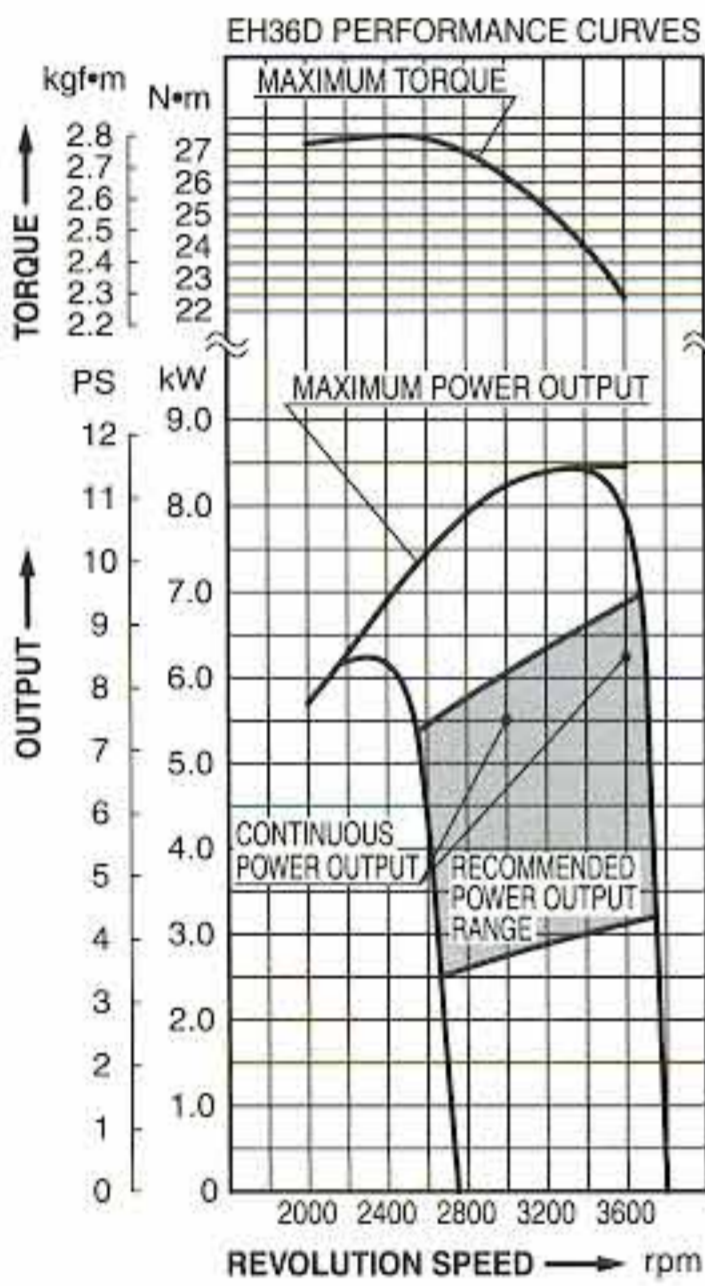
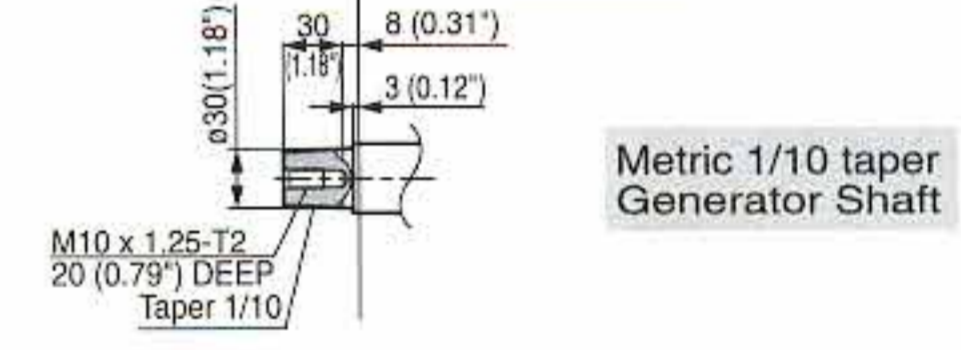
METRIC FLANGE



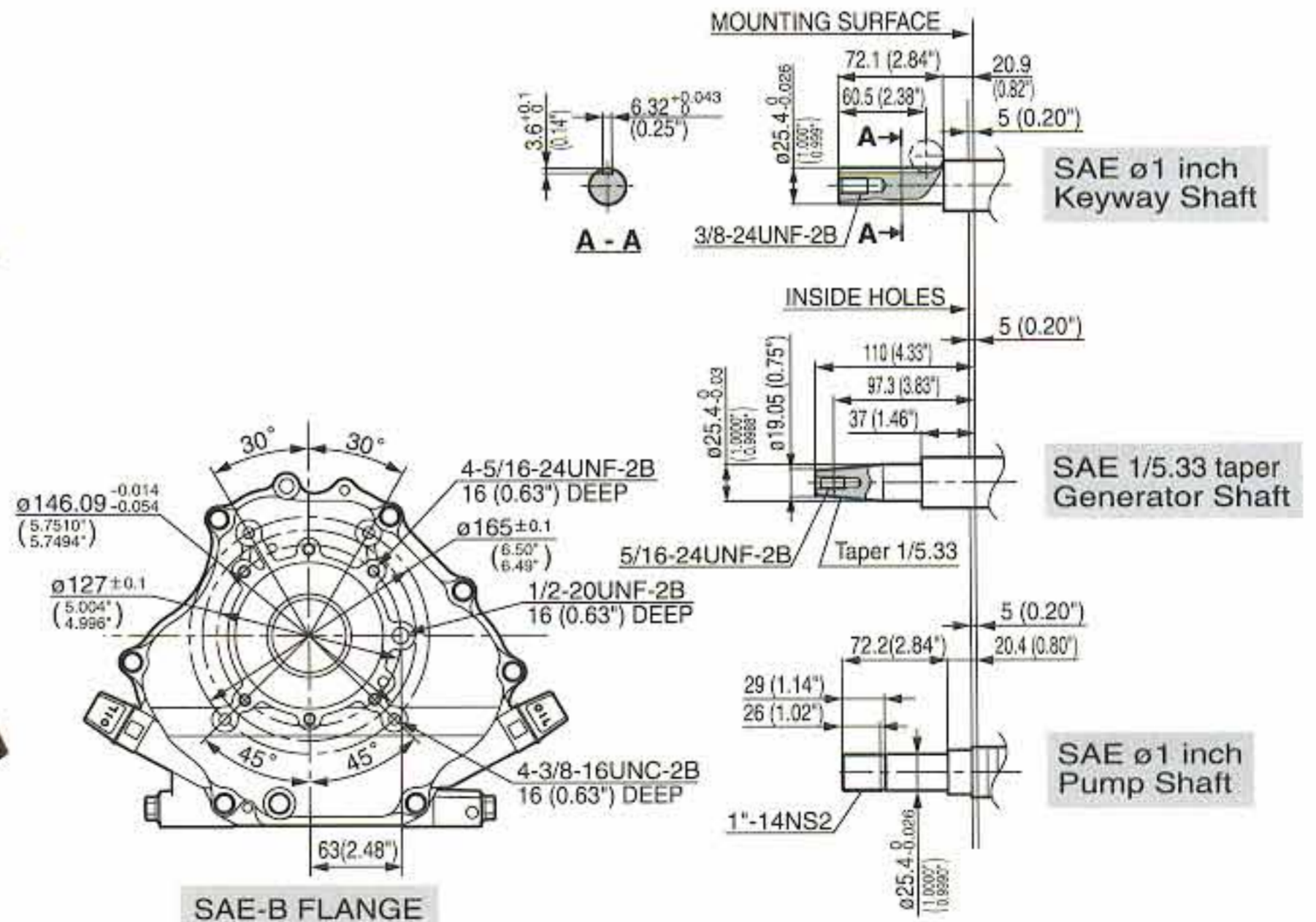
MOUNTING FACE



VIEW Z



Power curves are corrected to standard sea level atmospheric condition and are developed from test engines equipped with standard air cleaner and muffler.



SPECIFICATIONS

Model		EH36D	EH41D	EH63V	EH65V
Type		Air-cooled, 4-cycle, single-cylinder, horizontal PTO shaft, OHV, gasoline engine		Air-cooled, 4-cycle, V-Twin cylinder, vertical PTO shaft, OHV, gasoline engine	
Bore x Stroke	mm (in.)	89x65(3.50x2.56)		80x65(3.15x2.56)	
Piston displacement	ml (cu.in.)	404(24.65)		653(39.9)	
Continuous output	kW[PS](HP)/rpm	5.57.5/3000 6.38.5/3600	6.38.5/3000 7.09.5/3600	10.814.5/3600	12.717.0/3600
Maximum output	kW[PS](HP)/rpm	8.511.5/3600	9.913.5/3600	13.418.0/3600	16.422.0/3600
Maximum torque	N · m[kgf · m] (lbf · ft)/rpm	27.5[2.80] (20.25)/2500	28.4[2.90] (20.98)/2500	43.3[4.41] (31.91)/2000	45.6[4.65] (33.63)/2500
Direction of rotation		Counter clockwise as viewed from PTO shaft side		Counter clockwise as viewed from PTO shaft side	
Fuel		Automobile unleaded gasoline		Automobile unleaded gasoline	
Fuel Tank capacity	liter(US gal.)	7.0(1.85)		—	
Lubricant		Automotive oil SAE#20, #30 or 10W-30, class SE or higher		Automobile oil SAE#20, #30 or 10W-30, class SE or higher	
Lubrication		Splash type		Full pressure type(with Trochoid pump)	
Lubricating Oil capacity	liter (US gal.)	1.2(0.32)		2.0(0.53)	
Carburetor		Horizontal draft, float type		Horizontal draft, float type	
Ignition System		Flywheel magneto(solid state)		Flywheel magneto(solid state)	
Spark Plug		NGK BP6ES		NGK BP6ES	
Governor		Centrifugal flyweight type		Centrifugal flyweight type	
Dry weight	kg (lb)	31.0(68.2)		44(96.8)	
Dimension	length x width x height mm (in.)	389x431x443 (15.31x16.97x17.44)		353x469x475 (13.90x18.46x18.70)	

OPTIONS

Model		EH36D	EH41D	EH63V	EH65V
Lighting Coil		12V-15W, 40W, 150W		12V-15W (STD), 30W	
Starter STD : Recoil		Rotating screen		—	
Electric Starter		○	○	STD	STD
Air Cleaner STD : Semi Dry		Dust proof, Cyclone (Chimny), Box type		Dual element	
Muffler		Deflector, Spark arrestor		STD : LESS / Deflector, Spark arrestor	
Speed Control STD: Lever		Cable(Remote)speed control, High speed Fix		Cable(Manual & Remote)speed control	
Fuel Tank option		+Gauge		—	
Separate	liter(US gal.)	16(4.23)	16(4.23)	—	
Oil Sensor		○	○	Oil pressure switch (STD)	

○ : Option available, — : Not available



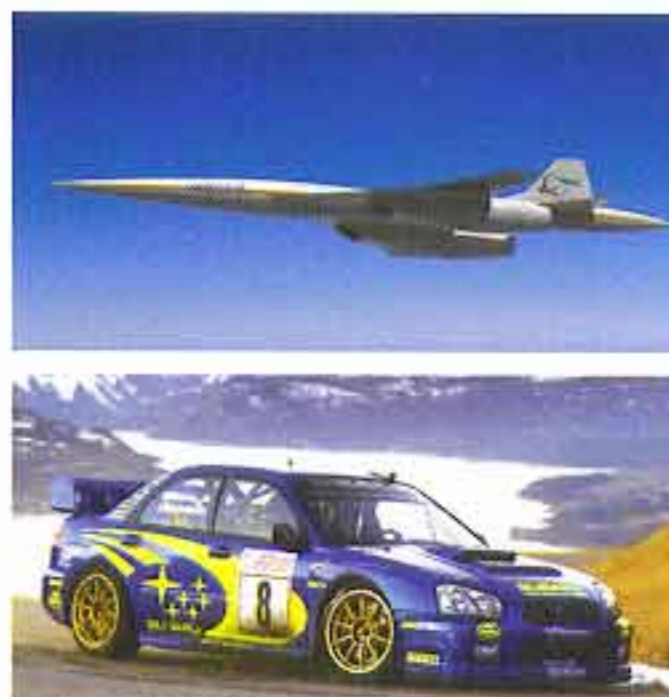
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<http://www.fhi.co.jp/robin/>



Specifications are subject to change without notice.

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