

HIGH-POWER FOR COMMERCIAL USE SERIES - GASOLINE ENGINE - BS740D



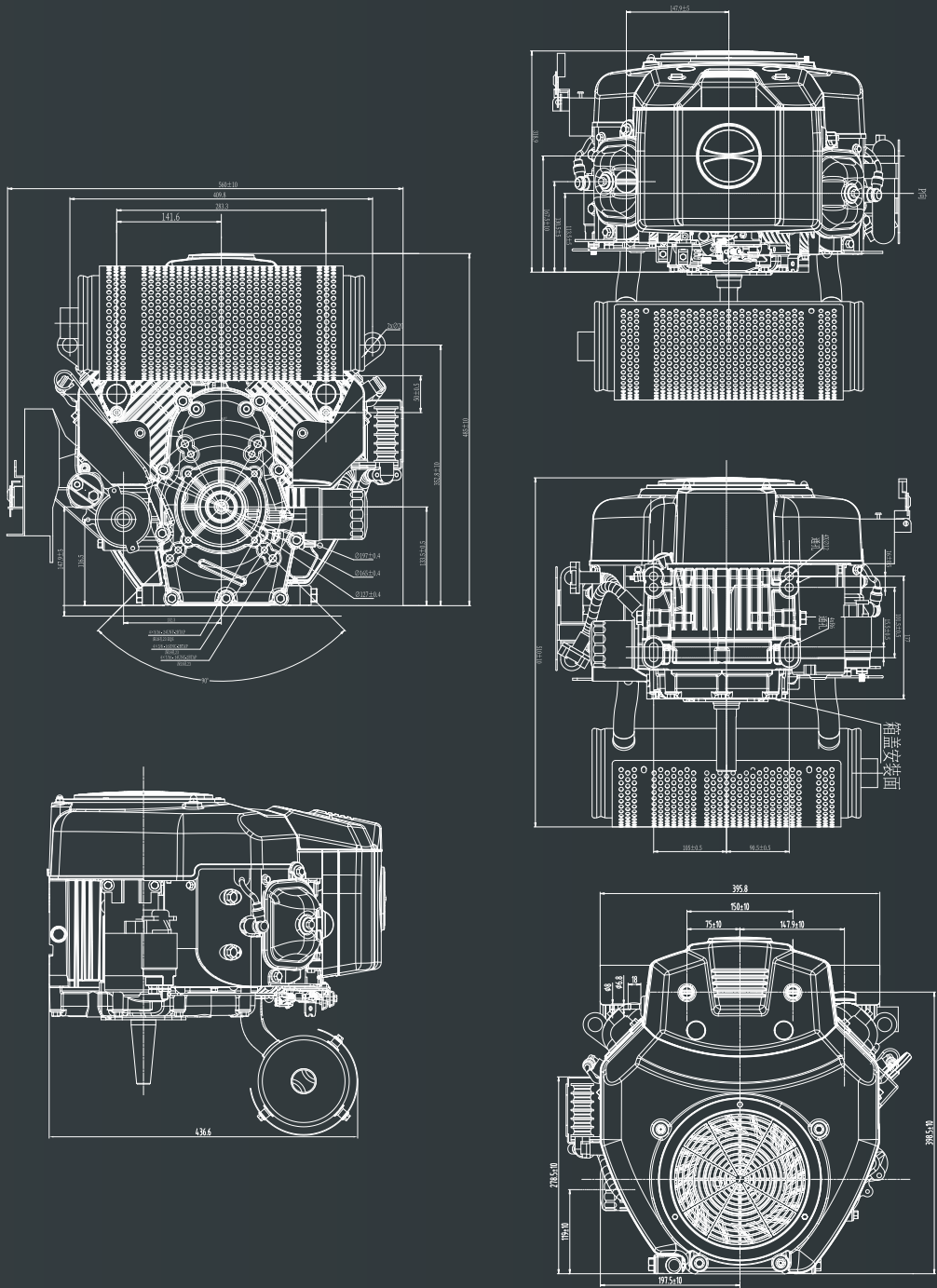
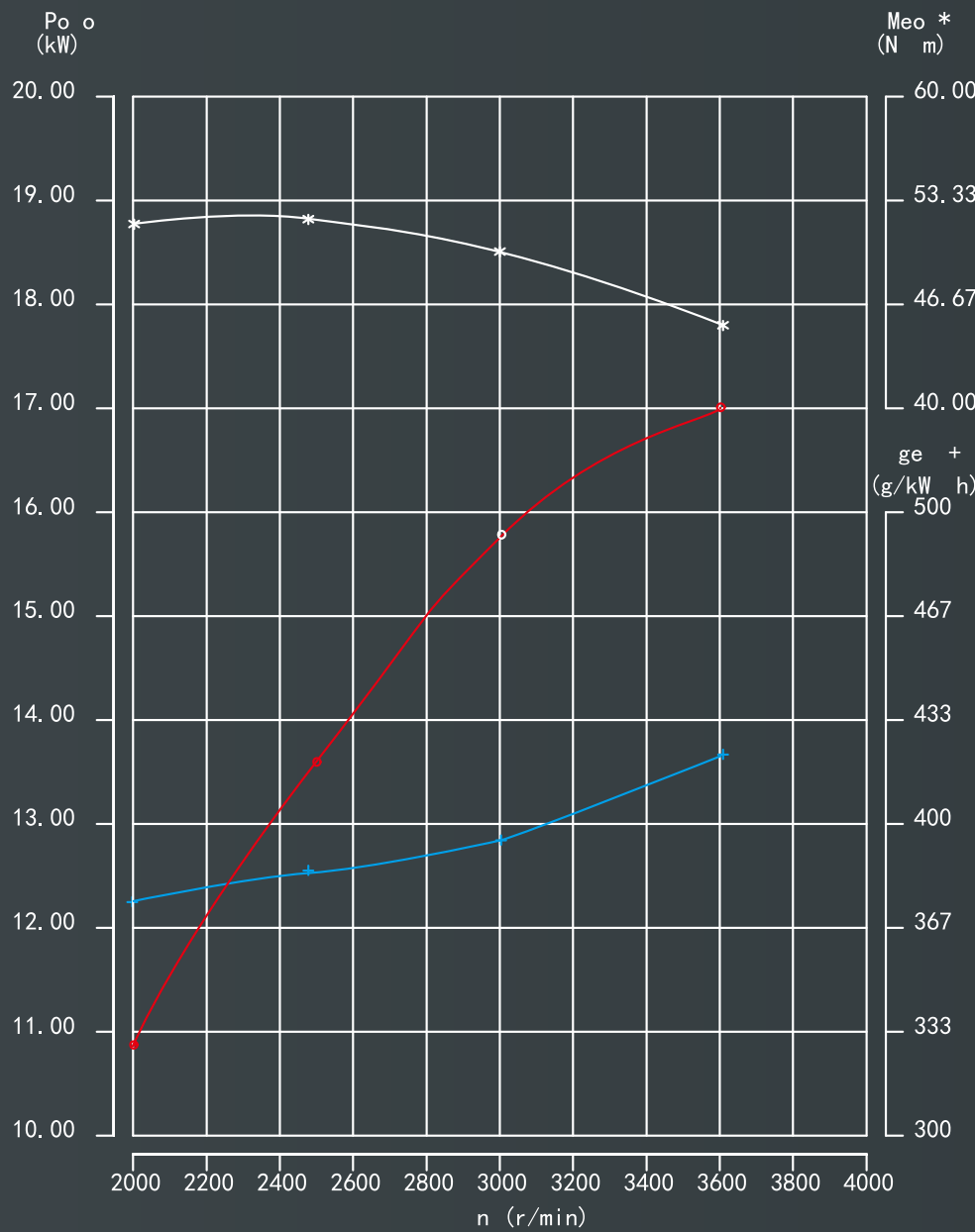
BS740D



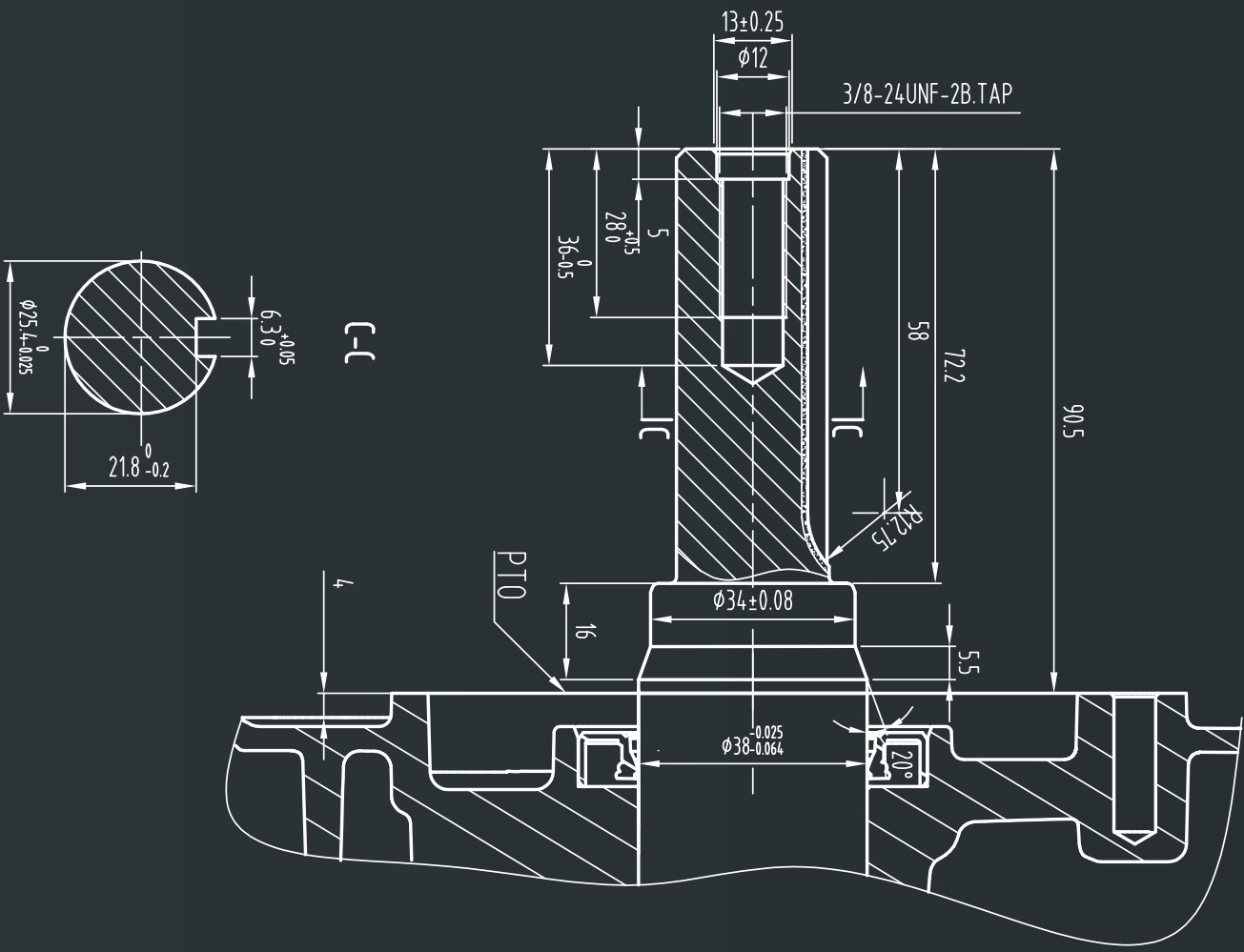
Engine type	Double cylinder, four stroke(OHV)
Bore×Stroke	82×70mm
Displacement	739.3ml
Compression ratio	8.5 : 1
Net power	16.8kw /3600rpm
Net torque	47N. m/2500rpm
PTO shaft rotation	Counterclockwise (horizontal shaft output)
Ignition system	Transistor ignition
Starting system	Electric starter
lubrication system	ForcedSplash
Carburetor	Flat suction valve carburetor
Governor system	Electronic & mechanical speed control
Air cleaner	Dual elements(paper or foam)
Oil capacity	1.6L
Fuel tank capacity	-----
Dimensions(L x W x H)	550×460×345mm
Net weight	45kg
Fuel consumption	<370g/kw · h

- High power, low emissions, and stable operation, the technology of hemispherical combustion chamber and overhead V-shaped valve is applied.
- Full pressure lubrication and forced air cooled oil cooling systems achieve maximum lubrication and whole machine with lower temperature.
- PVD coated thin piston rings improve fuel economy, reduce oil consumption, and are more resistant to wear.
- The two-stage oil filtration system ensures engine cleanliness, helps smooth engine operation and greater wear resistance.

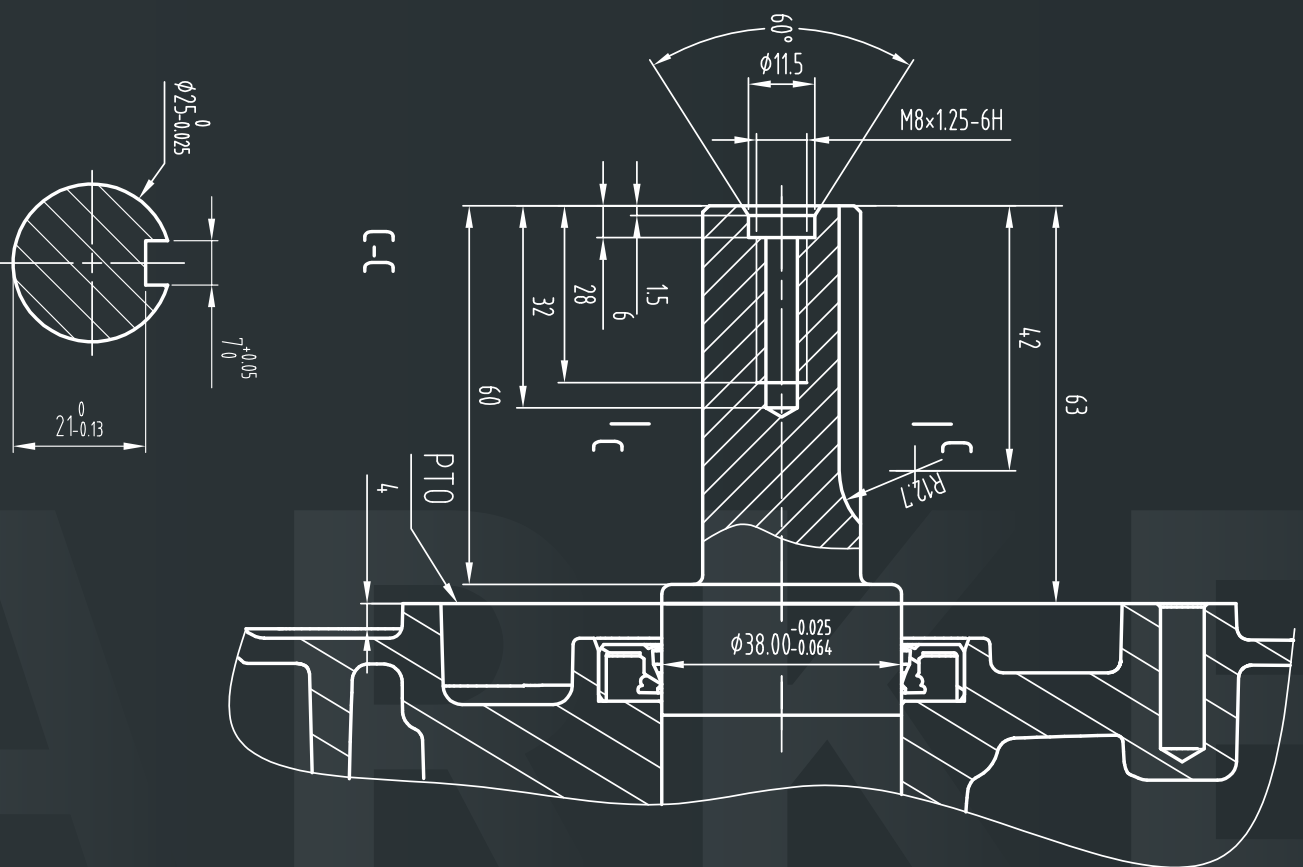
*This power is the maximum rated power, the actual power may be less, depending on the operating conditions and the specific engine modification



OUTLINE SIZE DRAWING



TWO OPTIONS TO CHOOSE FROM



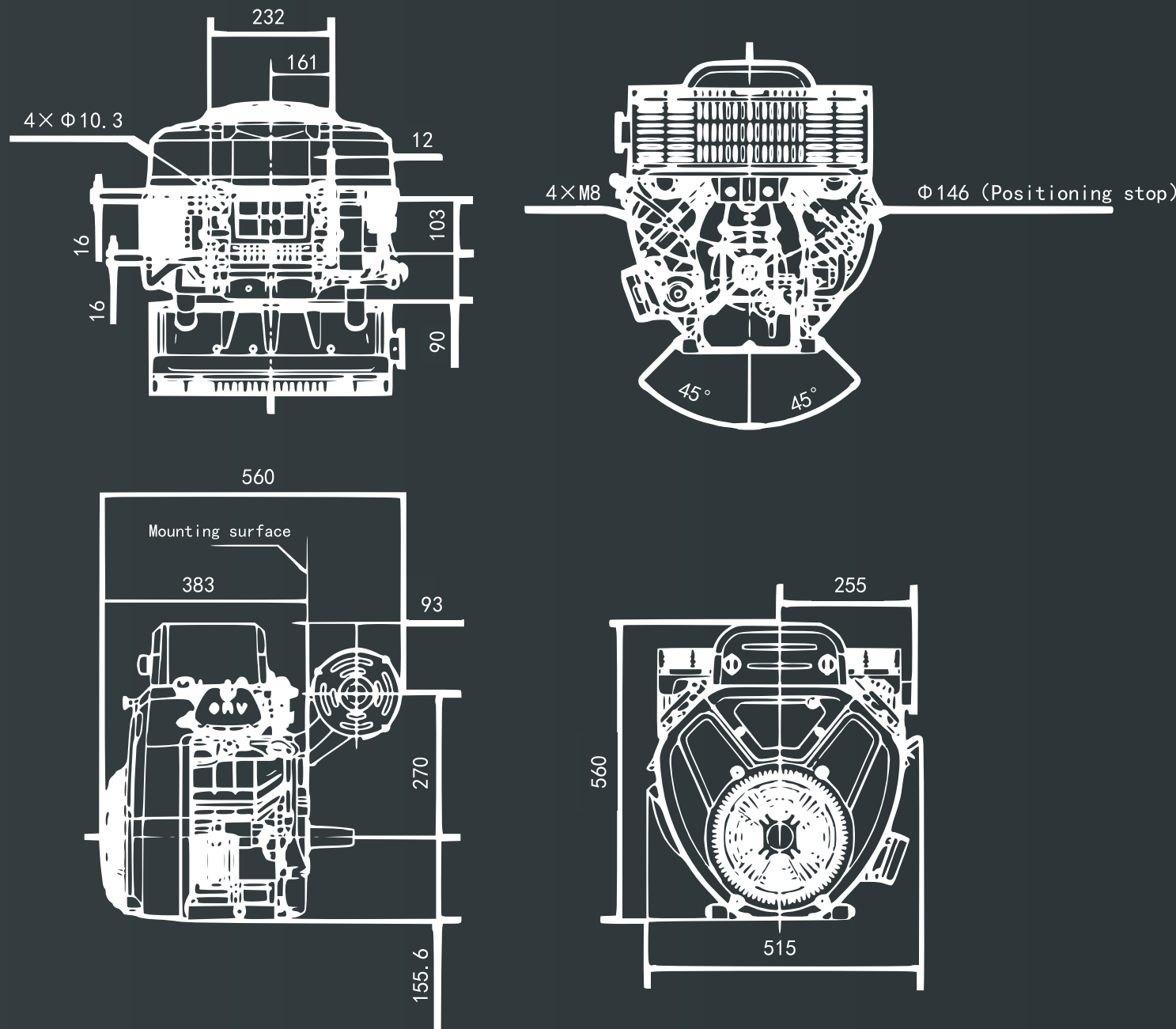
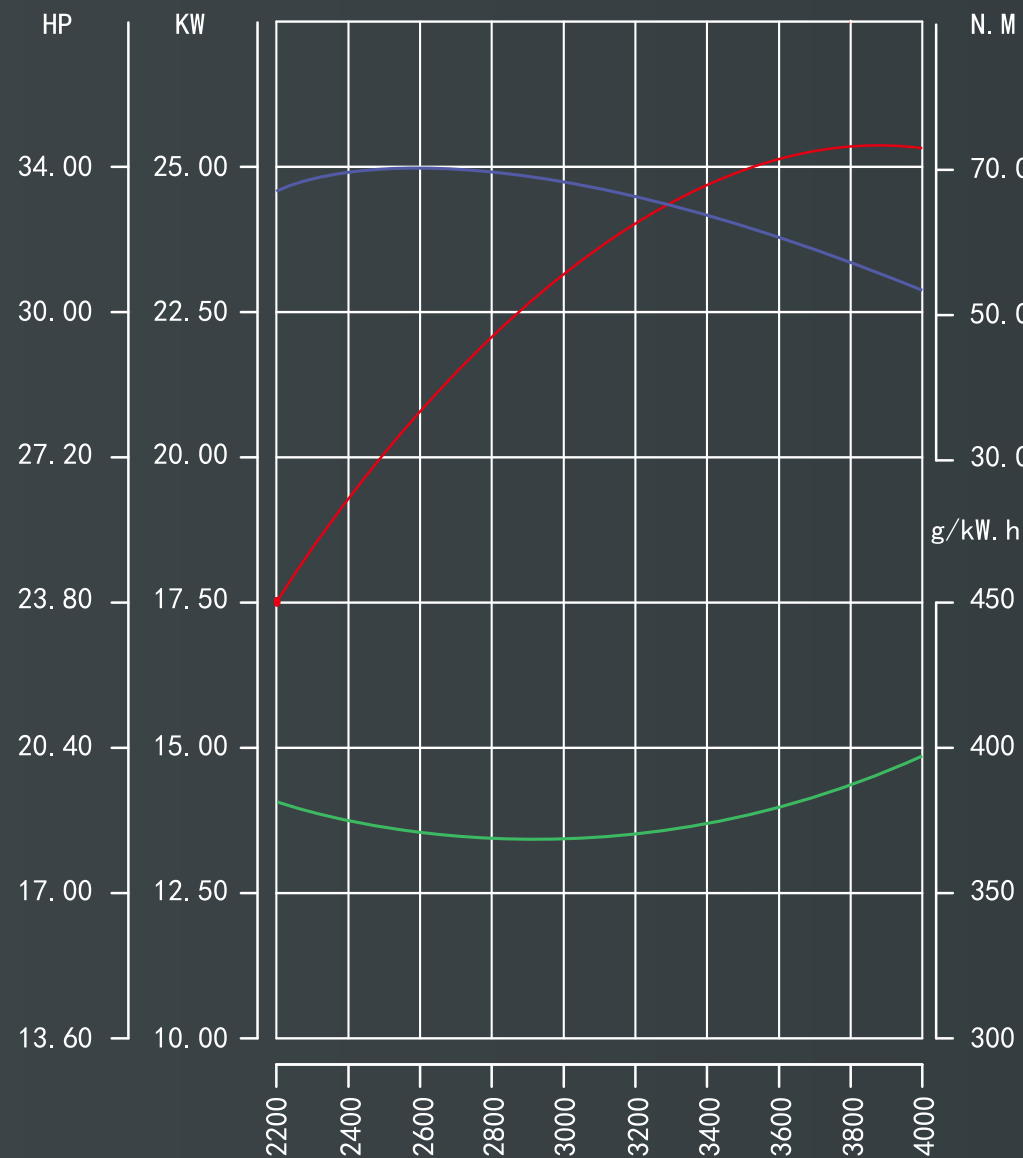
HIGH-POWER FOR COMMERCIAL USE SERIES - GASOLINE ENGINE - BS990D



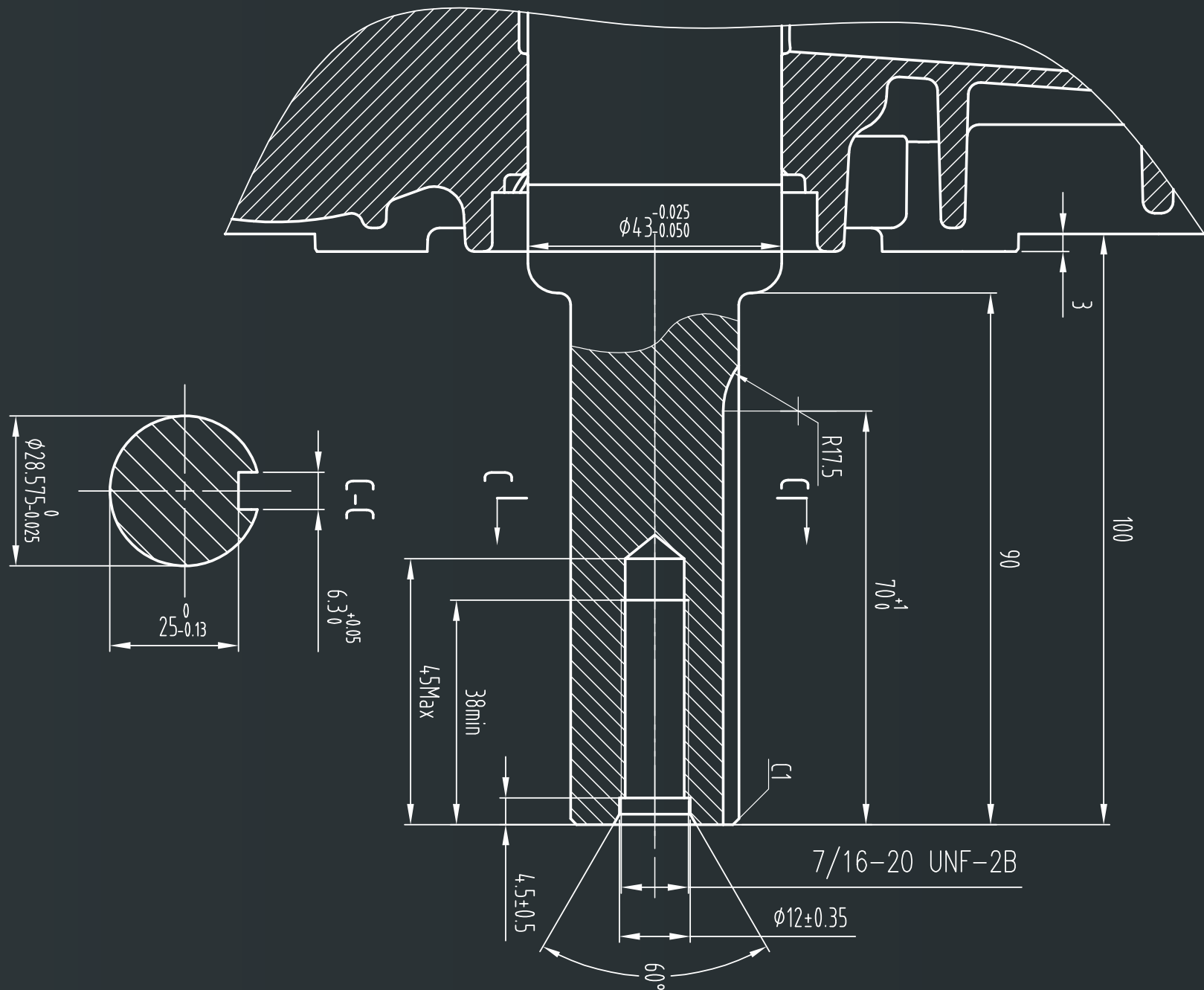
BS990D



Engine type	Double cylinder, four stroke(OHV)
Bore×Stroke	82×70mm
Displacement	739.3ml
Compression ratio	8.5 : 1
Net power	16.8kw / 3600rpm
Net torque	47N.m / 2500rpm
PTO shaft rotation	Counterclockwise(horizontal shaft output)
Ignition system	Transistor ignition
Starting system	Electric starter
lubrication system	ForcedSplash
Carburetor	Flat suction valve carburetor
Governor system	Electronic & mechanical speed control
Air cleaner	Dual elements(paper or foam)
Oil capacity	1.6L
Fuel tank capacity	----
Dimensions(L x W x H)	550×460×345mm
Net weight	45kg
Fuel consumption	≤370g/kw · h



OUTLINE SIZE DRAWING



P.T.O SHAFT OPTIONS

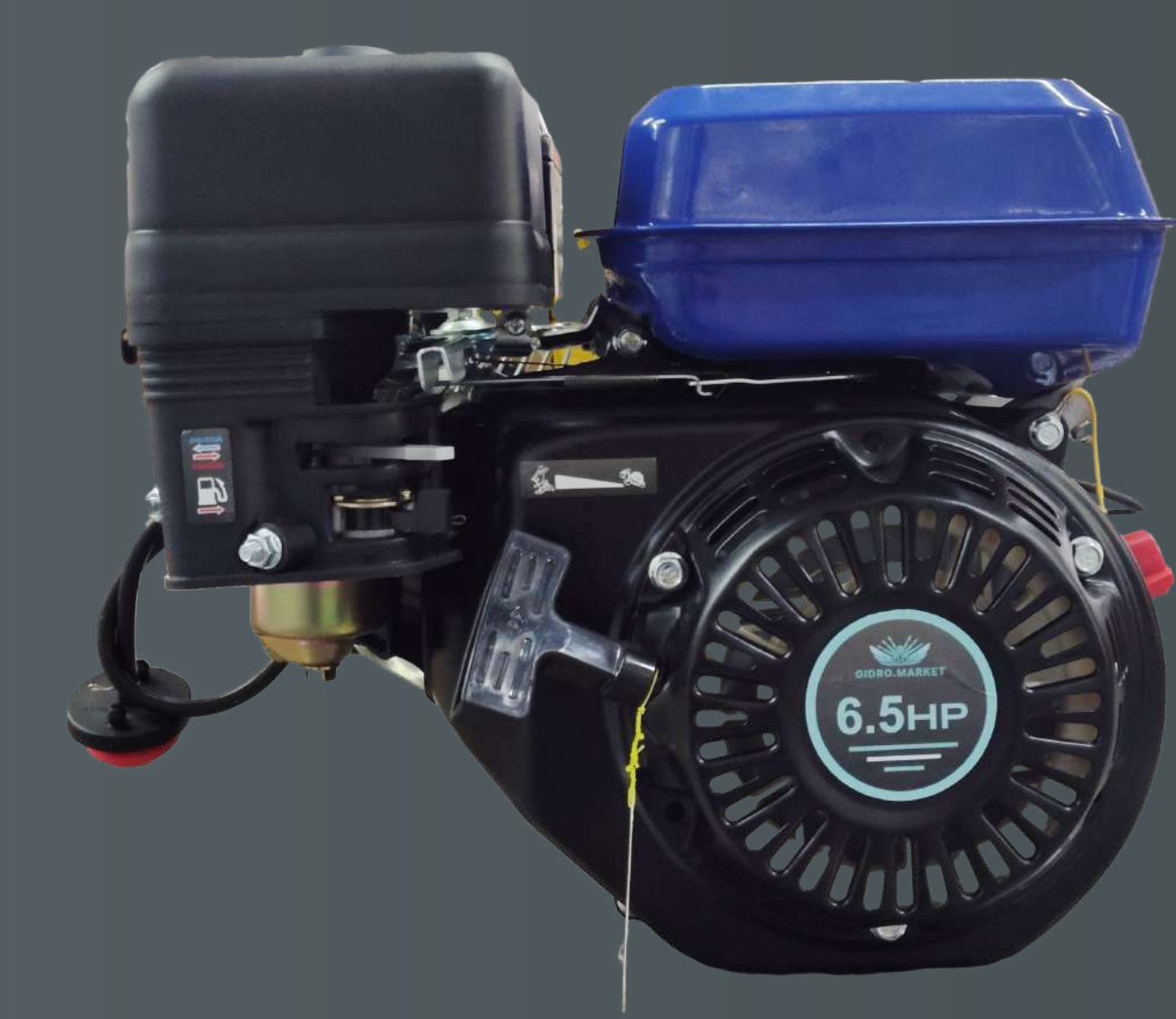
- High power, low emissions, and stable operation, the technology of hemispherical combustion chamber and overhead V-shaped valve is applied.
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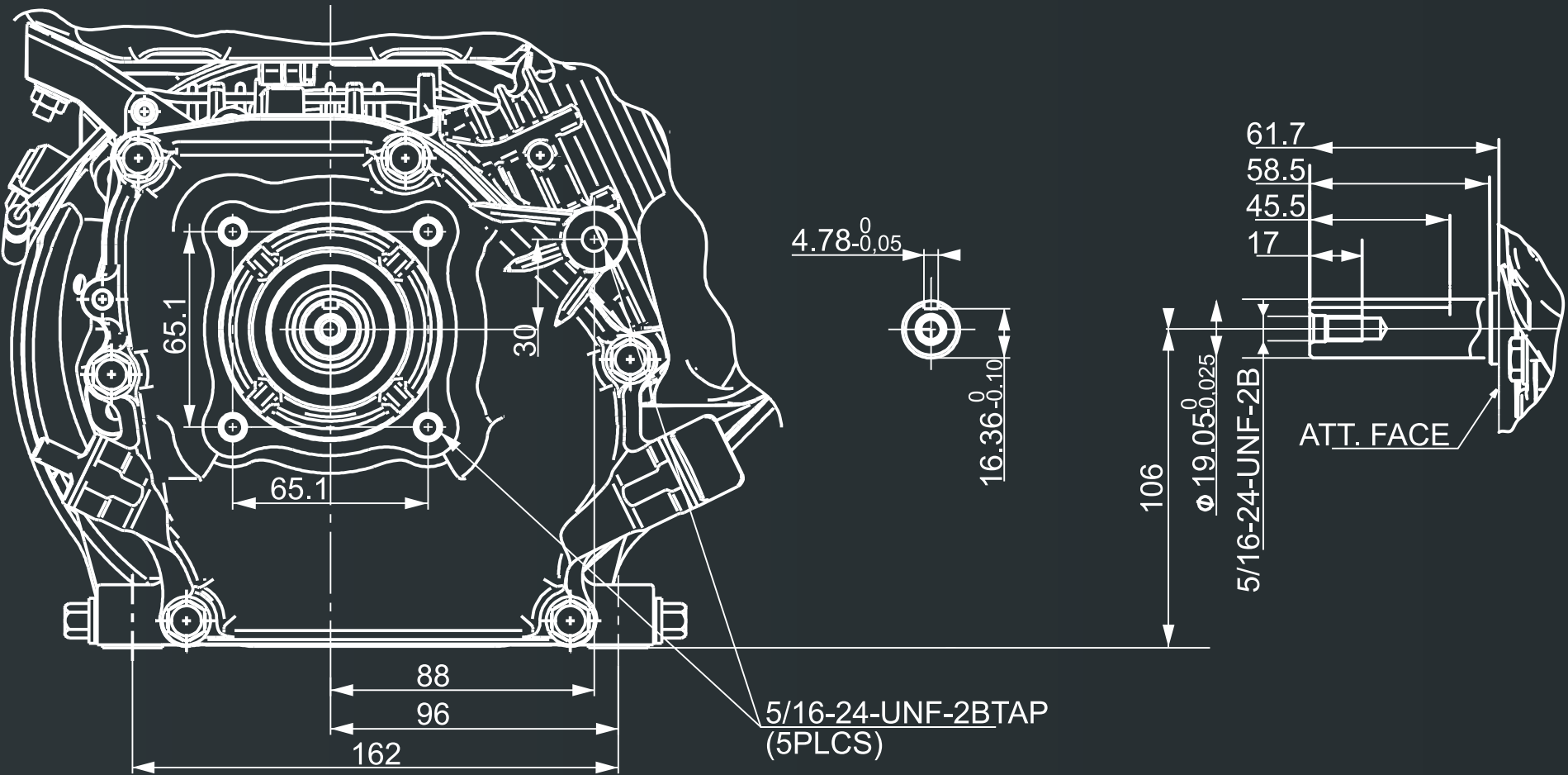
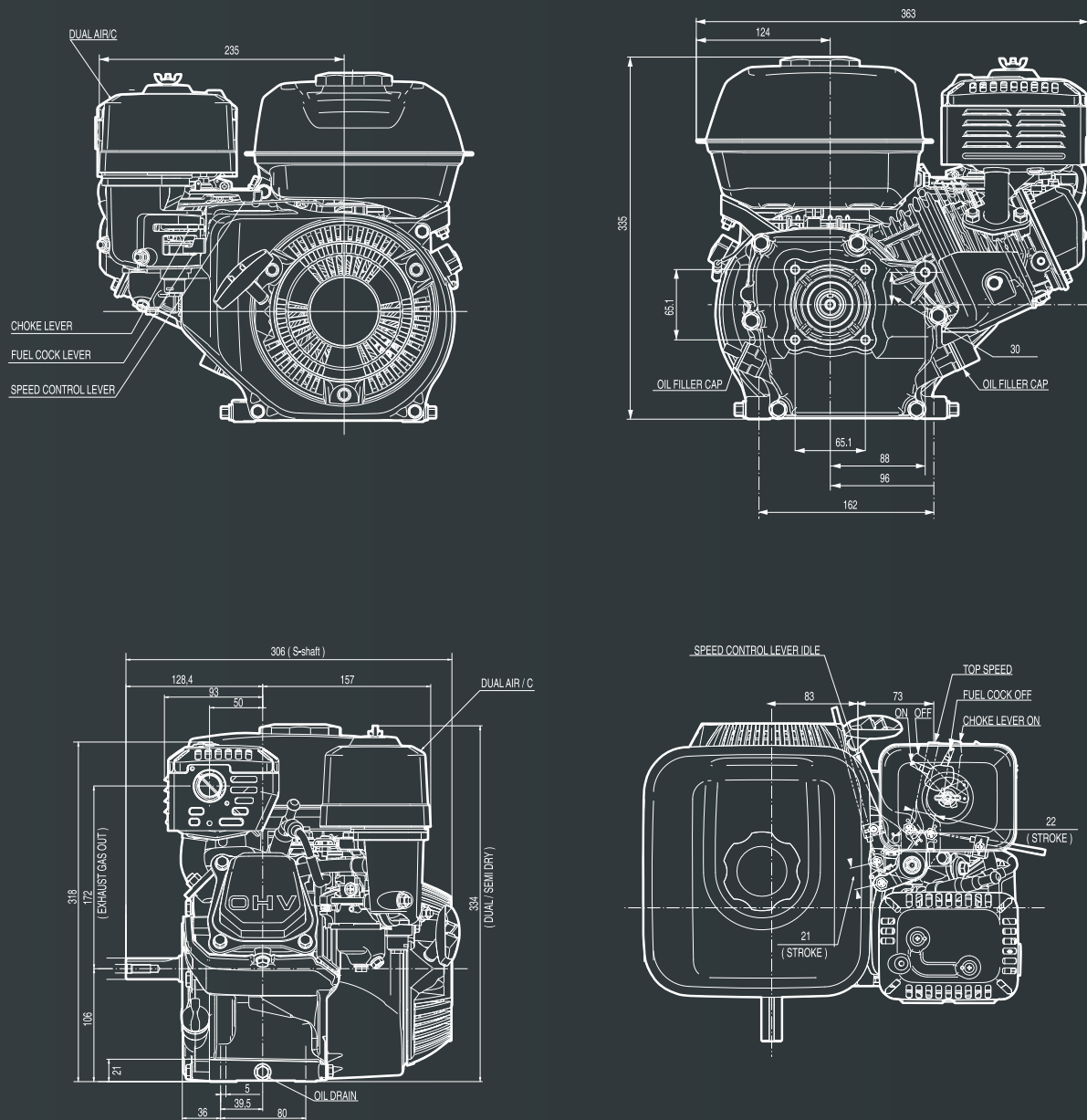
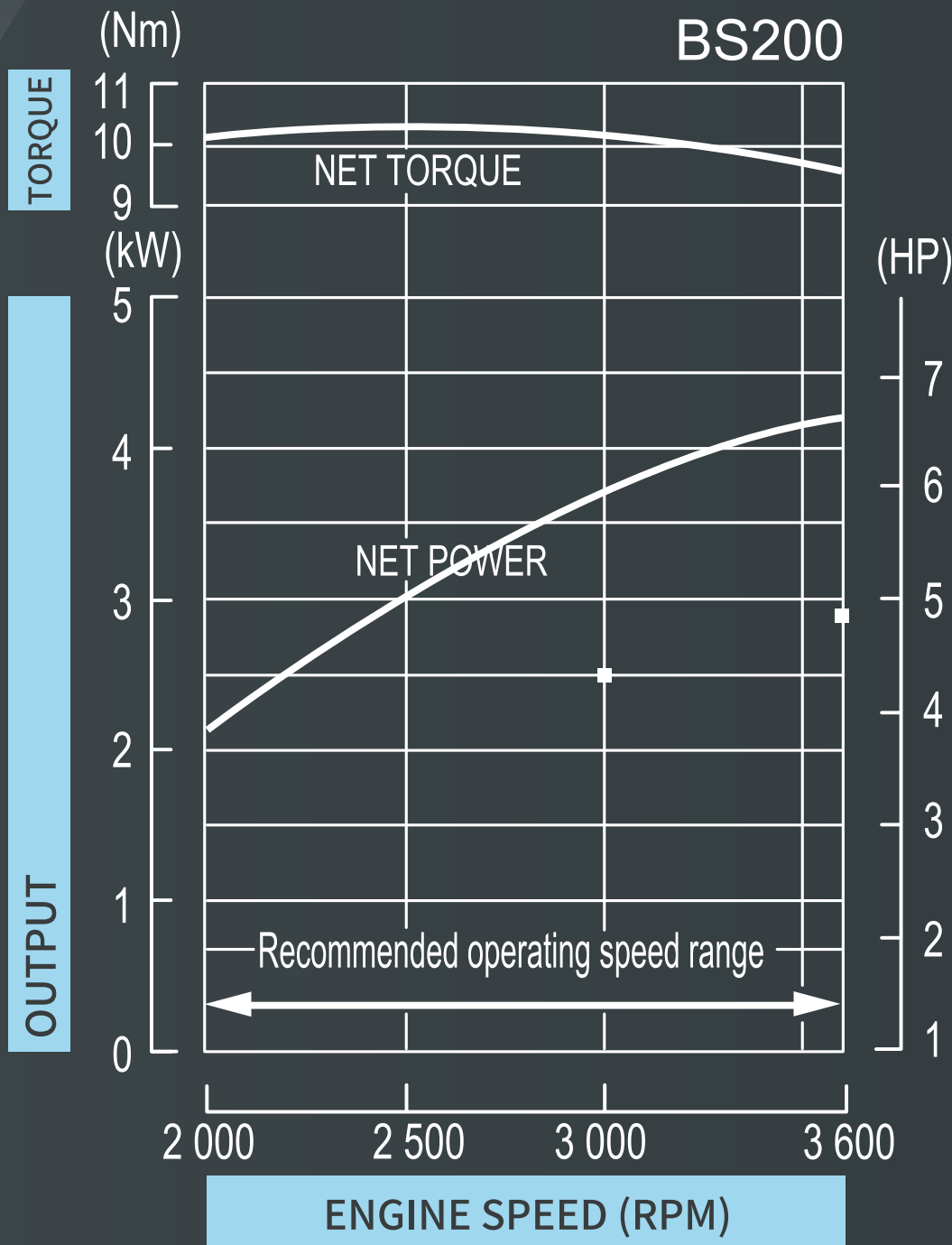
HIGH-POWER FOR COMMERCIAL USE SERIES - GASOLINE ENGINE - BS200



BS200



Engine type	Single cylinder, four stroke(OHV)
Bore×Stroke	68x54mm
Displacement	196ml
Compression ratio	8.5:1
Net power	6.5HP / 3,600 rpm
Net torque	12.4 Nm / 2,500 rpm
PTO shaft rotation	Counterclockwise (viewed from PTO end)
Ignition system	T.C.I
Starting system	Recoil start
Carburetor	Flat suction valve carburetor
Governor system	Mechanical centrifugal governor
Oil capacity	0.6 L
Fuel tank capacity	3.6 L
Dimensions(L x W x H)	395 × 335 × 345 mm
Net weight	16kg
Fuel consumption	≤107.5 g/kWh



- High power, fuel efficiency, and stable performance, utilizing an overhead valve (OHV) design for improved combustion efficiency and reduced emissions.
- The splash lubrication system ensures reliable engine lubrication, while the forced-air cooling system maintains optimal operating temperatures.
- Lightweight, high-strength materials enhance durability, while the precision-engineered piston design reduces fuel consumption and oil usage.
- Advanced filtration system provides superior dust and debris protection, ensuring extended engine life and consistent performance.

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HIGH-POWER FOR COMMERCIAL USE SERIES - GASOLINE ENGINE - BS420



BS420



Engine type	Single cylinder, four stroke(OHV)
Bore×Stroke	90x66mm
Displacement	420ml
Compression ratio	8.0:1
Net power	15HP / 3,600 rpm
Net torque	26.5 Nm / 2,500 rpm
PTO shaft rotation	Counterclockwise (viewed from PTO end)
Ignition system	T.C.I
Starting system	Electric start
Carburetor	Flat suction valve carburetor
Governor system	Mechanical centrifugal governor
Oil capacity	1.1 L
Fuel tank capacity	6.5 L
Dimensions(L x W x H)	505 × 415 × 475 mm
Net weight	34kg
Fuel consumption	≤313 g/kWh

- High power, fuel efficiency, and stable performance, utilizing an overhead valve (OHV) design for improved combustion efficiency and reduced emissions.
- The splash lubrication system ensures reliable engine lubrication, while the forced-air cooling system maintains optimal operating temperatures.
- Lightweight, high-strength materials enhance durability, while the precision-engineered piston design reduces fuel consumption and oil usage.
- Advanced filtration system provides superior dust and debris protection, ensuring extended engine life and consistent performance.

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