



HIGHLIGHTS

- Independent pencil-type ignition coil (COP), more efficient use of ignition energy, better combustion performance, more reliable ignition system.
- Variable valve timing (VVT-i) adjusts the intake valve timing according to engine's operating conditions to optimize the amount of air entering to the cylinder and improve combustion efficiency.
- Digital control system: The ECM of the digital control system remotely communicates with engine ECU, enabling intelligent remote control of single, dual or multiple engines.

EF200 EF175 EF150

Max.output(KW)	147.1	128.7	110.3
Max RPM RANGE	5000-6000	5000-6000	5000-6000
Stroke	4	4	4
Cylinder	4	4	4
Displacement (cc)	2785	2785	2785
BoreXStroke(mm)	96×96.2	96×96.2	96×96.2
Weight	L:226 kg X:230kg	L:226 kg X:230kg	L:226 kg X:230kg
Gear Ratio	26:14(1.86)	26:14(1.86)	26:14(1.86)
Gear Shift Position	F-N-R	F-N-R	F-N-R
Lgnition System	ECM	ECM	ECM
Cooling System	Water-cooling	Water-cooling	Water-cooling
Starting System	Electric start	Electric start	Electric start
Control System	Remote Control	Remote Control	Remote Control

HIDEA POWER

www.hideaeurope.com



Hidea Outboards

HIDEA Europe B.V.

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OUTBOARD MOTOR

- Professional Manufacturer
- Automobile Engine Manufacturing Process
- World-class Anti-corrosion Technology



EFI using many advanced technologies and structures such as low friction design, SFI, 16V DOHC, MAPCID, fuel evaporation recovery and utilization, etc., it has experienced "high temperature", "high altitudes" "Low temperature " high-precision adjustments and multiple rounds of sea trial durability verification. It has strong environmental adaptability, excellent NVH performance, convenient control, and takes into account low emissions, high performance and excellent fuel economy. Give you more comfortable and powerful water driving experience.

HDEF130

HDEF115

HDEF100

HDEF60

Max.output	95.6KW	84.6KW	73.5KW	44.1KW
Max RPM RANGE	5000-6000	5000-6000	5000-6000	5000-5800
Stroke	4	4	4	4
Cylinder	4	4	4	4
Displacement (cc)	1832	1832	1832	996
BoreXStroke(mm)	81X88.9	81X88.9	81X88.9	65X75
Weight	L:180kg X:184kg	L:180kg X:184kg	L:180kg X:184kg	L:126kg/121kg
Gear Ratio	28:13(2.15)	28:13(2.15)	28:13(2.15)	28:12(2.33)/24:13(1.85)
Gear Shift Position	F-N-R	F-N-R	F-N-R	F-N-R
Lgnition System	ECM	ECM	ECM	ECM
Cooling System	Water-cooling	Water-cooling	Water-cooling	Water-cooling
Starting System	Electric start	Electric start	Electric start	Electric start
Control System	Remote Control	Remote Control	Remote Control	Tiller & Remote Control
Fuel Tank (L)		Fuel Tank (L)	Fuel Tank (L)	24

EFI



HDEF50

HDEF40

HDEF30

HDEF20

Max.output	36.8KW	29.4KW	22KW	14.7KW
Max RPM RANGE	5000-5800	5000-5800	5000-5800	4500-5500
Stroke	4	4	4	4
Cylinder	4	3	2	2
Displacement (cc)	996	747	498	345
BoreXStroke(mm)	65X75	65X75	65X75	61X59
Weight	L:126kg/121kg	S:103kg L:107kg	S:77kg L:79kg	S:59.6kg L:61kg
Gear Ratio	28:12(2.33)/24:13(1.85)	26:13(2.0)	26:13(2.0)	27:13(2.08)
Gear Shift Position	F-N-R	F-N-R	F-N-R	F-N-R
Lgnition System	ECM	ECM	ECM	ECM
Cooling System	Water-cooling	Water-cooling	Water-cooling	Water-cooling
Starting System	Electric start	Electric start	Electric start	Electric start
Control System	Tiller & Remote Control	Tiller & Remote Control	Tiller & Remote Control	Tiller & Remote Control
Fuel Tank (L)	24	24	24	12

EFI

F6E
Electric start



1 Manual/electric start integration



2 Coil drive instead of traditional motor drive, much lighter of electrical starting system.



3 Build-in lithium battery can charge itself.



HIDEA Europe B.V.

FOUR
STROKE



HDBF20

HDBF15

HDF9.9

HDF8

Max.output	14.7KW	11KW	7.2KW	5.9KW
Max RPM RANGE	4500-5500	4500-5500	4500-5500	4500-5500
Stroke	4	4	4	4
Cylinder	2	2	2	2
Displacement (cc)	362	345	212	212
BoreXStroke(mm)	63×58.1	61X59	56X43	56X43
Weight	S:51kg L:53kg	S:58kg L:60kg	S:41.5kg L:42kg	S:41.5kg L:42kg
Gear Ratio	27:13(2.08)	27:13(2.08)	27:13(2.08)	27:13(2.08)
Gear Shift Position	F-N-R	F-N-R	F-N-R	F-N-R
Lgnition System	CDI	CDI	CDI	CDI
Cooling System	Water-cooling	Water-cooling	Water-cooling	Water-cooling
Starting System	Manual/Electric start	Manual/Electric start	Manual/Electric start	Manual/Electric start
Control System	Tiller & Remote Control	Tiller & Remote Control	Tiller & Remote Control	Tiller & Remote Control
Fuel Tank (L)	12	12	12	12

FOUR
STROKE



Hidea four-stroke outboard motor has a compact structure, high integration, excellent anti-corrosion performance, light weight, low noise, low vibration, clean emissions, low fuel consumption, stable and reliable performance, and easy control. Complete warning system to achieve safer operation. The power range from 2.5 to 130 hp. For models above 20 hp, there is a high-performance electronical fuel injection system configuration with even better performance. It is suitable for a variety of scenarios and brings you a full range of dynamic driving enjoyment. It is quality value opportunity.

HDF6

HDF5

HDF4

HDF2.5

Max.output	4.4KW	3.6KW	3KW	1.8KW
Max RPM RANGE	4500-5500	4500-5500	4500-5500	5250-5750
Stroke	4	4	4	4
Cylinder	1	1	1	1
Displacement (cc)	139	112	112	72
BoreXStroke(mm)	62X46	59X41	59X41	54X31.5
Weight	S:27kg L:28kg	S:22kg L:24kg	S:22kg L:24kg	S:17kg L:17.5kg
Gear Ratio	27:13(2.08)	27:13(2.08)	27:13(2.08)	27:13(2.08)
Gear Shift Position	F-N-R	F-N-R	F-N-R	F-N
Lgnition System	TCI	TCI	TCI	TCI
Cooling System	Water-cooling	Water-cooling	Water-cooling	Water-cooling
Starting System	Manual/Electric start	Manual	Manual	Manual
Control System	Tiller Control	Tiller Control	Tiller Control	Tiller Control
Fuel Tank (L)	1.1	1.1	1.1	0.9