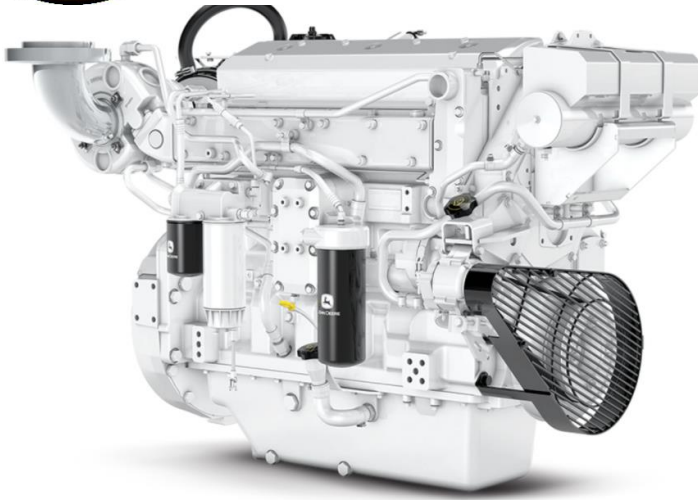




JOHN DEERE

6135AFM85 M1 Marine Diesel



Hästkrifter / kW: 365hk / 272kW
 Max rpm: 1800
 Konfiguration: Rak 6cyl, 13,5L
 Borrning och slag: mm 132 x 165
 Aspiration Turbo - intercooler
 Laddluftkylare
 Max längd: mm 1801
 Sprängkåpa: SAE 1
 Höjd: mm 1266
 Höjd, vevaxelns mittlinje till topp: mm 902
 Höjd, vevaxelns mittlinje till botten: mm 364
 Vikt, torr: kg 1410

Pris: 508.000:- inkl. moms (se spec. nr: C254754)

John Deere motorer är tillförlitliga, tysta, bränslesnåla och ger utmärkt manövreringsförmåga tack vare högt vridmoment redan från låga varvtal.

John Deere har sedan 1949 tillverkat över 5 miljoner dieselmotorer för marin och offroad applikationer.

Motorerna levereras skräddarsydda med flera valmöjligheter för elsystem, generatorstorlek, svänghjulsåpa, kylningstyp och placering av servicepunkter.

Sortimentet på John Deere 6135 sträcker sig från 365 hk till 750hk.

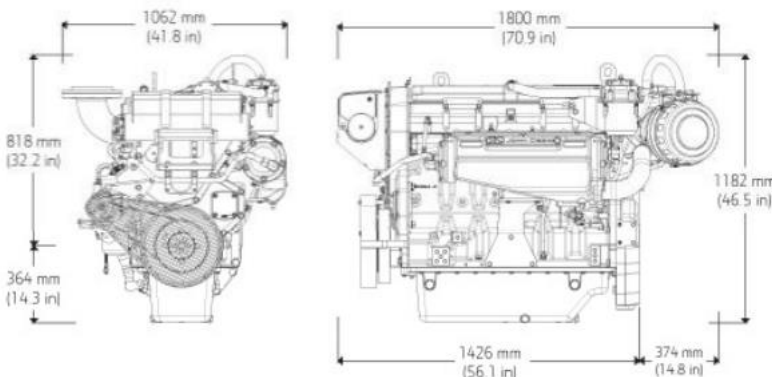
Tillförlitlig kraft och säkerhet för tuffa krav får du om du väljer John Deere.

Produktinfo:

- M1 rating obegränsat årligt användande
- SAE 2 housing and SAE 11 1/2" disc
- Motorfästen
- Motorkudde 4st
- Instrument panel (Generation II Marine Electronics)
- Kablage ECU till instrumentpanel, 9m) (Gen II M. E.)
- Kablage Motor till ECU, 3 ft (1M) (Gen II M. E.)
- Kickback Start and Transfer Pump Relay, 12-volt
- 12V
- Blöta avgaser med värmeväxlare

Tillval & tillbehör:

Backslag Dong-I DMT 190HL continuous duty 4.04 & 4.48:1	147.900:-
24v & 2polig el	5.300:-
Torra avgaser (istället för blöta)	- 17.379:-
Kölkyl med torra avgaser	- 36.300:-
Motorolja 20L JD Plus II 15W-40	1.700:-
Kylarvätska 20L Cool-Gard II PG 20 I, färdigbl.	1.830:-
Oljefilter	300:-
Bränslefilter kit (primary and final filter 2 & 10mic	1.150:-
Impellerkit	2.020:-
Zinkanod + plugg	266:-



Diesel Power AB

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General Data

Model	6135AFM85		
Number of Cylinders	6		
Bore	132 mm	5.20 in	
Stroke	165 mm	6.50 in	
Displacement	13.5 L	824 in ³	
Compression Ratio	16.0:1		
Valves per Cylinder, Intake/Exhaust	2/2		
Combustion System	Direct injection		
Firing Order	1-5-3-6-2-4		
Engine Type	In line, 4 Cycle		
Aspiration	Turbocharged and Aftercooled		
Aftercooling System	Engine coolant		
Engine Crankcase Vent System	Closed		

Cooling System*

Engine Coolant Heat Rejection**	278 kW	15824 BTU/min
Max. Pressure Drop Across Keel Cooler	40 kPa	5.8 psi
Coolant Flow	319 L/min	84 gal/min
Min. Coolant Pump Inlet Pressure	30.3 kPa	4.4 psi
Thermostat Start to Open	72 °C	161 °F
Thermostat Fully Open	82 °C	179 °F
Engine Coolant Capacity, HE	44 L	11.6 gal
Engine Coolant Capacity, KC	42 L	11.1 gal
Min. Coolant Fill Rate	12 L/min	3.2 gal/min
Min. Pressure Cap	110.3 kPa	16 psi
Max. External Coolant Restriction	40 kPa	5.8 psi
Normal Operation Max Top Tank Temperature	100 °C	212 °F
≤ 5% of Total Operating Time Top Tank Temperature	100-105 °C	212-230 °F
Absolute Max Top Tank Temperature	105 °C	221 °F
Recommended Fuel Cooler	2 kW	97 BTU/min
Engine Radiated Heat	19 kW	1096 BTU/min

Fuel System

ECU Description	L15	
Fuel Injection Pump	Unit Injection	
Governor Type	Electronic	
Volumetric Fuel Consumption	76.7 L/hr	20.3 gal/hr
Mass Fuel Consumption	65.2 kg/hr	144 lb/hr
Total Fuel Volumetric Flow	159 L/hr	42.0 gal/hr
Total Fuel Mass Flow	135 kg/hr	298 lb/hr
Max. Fuel Inlet Restriction*	30 kPa	120 in.H2O
Max. Fuel Inlet Pressure	24 kPa	96 in.H2O
Max Fuel Return Pressure	35 kPa	141 in.H2O
Normal Operation Fuel Temperature	40 °C	104 °F
Max. Fuel Inlet Temperature	80 °C	176 °F
Min. Recommended Fuel Line Inside Diameter	6.79 mm	0.27 in
Min. Recommended Fuel Line Size	5 (-) AN	
Primary Fuel Filter	10 mic	
Secondary Fuel Filter	2 mic	

Lubrication System

Oil Pressure at Rated Speed	317 kPa	46 psi
Oil Pressure at Low Idle (600rpm)**	157 kPa	23 psi
Max. Crankcase Pressure	2 kPa	8 in.H2O
Maximum Installed Angle, Front Down	0 deg	
Maximum Installed Angle, Front Up	12 deg	
Engine Angularity Limits Any Direction, Continuous***	20 deg	
Engine Angularity Limits Any Direction, Intermittent***	30 deg	

Seawater Pump System

Seawater Pump Flow	401 L/min	106 gal/min
Max. Suction Lift	3 m	9.8 ft
Max. Outlet Pressure	140 kPa	20 psi
Max. Inlet Restriction	30 kPa	4 psi

Physical Data

Length to rear face of block	1316 mm	51.8 in
Length to rear face of flywheel housing (SAE #1)	1425 mm	56.1 in
Length maximum	1800 mm	70.9 in
Width maximum	1062 mm	41.8 in
Height, crank centerline to top	818 mm	32.2 in
Height, crank centerline to bottom	364 mm	14.3 in
Weight, with oil, no coolant (includes engine, flywheel housing, flywheel, and electronics)	1410 kg	3108 lb
Center of Gravity Location, X-axis From Rear Face of Block	516 mm	20.3 in
Center of Gravity Location, Y-axis Right of Crankshaft	5 mm	0.2 in
Center of Gravity Location, Z-axis Above Crankshaft	239 mm	9.4 in
Max. Allowable Static Bending Moment At Rear Face of Flywheel Housing (for installations up to 5-G)	814 Nm	600 lb-ft
Thrust Bearing Load Limit, Forward Continuous	5.4 kN	1214 lbf
Thrust Bearing Load Limit, Forward Intermittent	8.1 kN	1821 lbf
Thrust Bearing Load Limit, Rearward Continuous	2.5 kN	562 lbf
Thrust Bearing Load Limit, Rearward Intermittent	4 kN	899 lbf

Electrical System

Min. Recommended Battery Capacity, 12V @32 °F (0 °C)	1900 amps
Min. Recommended Battery Capacity, 24V @32 °F (0 °C)	925 amps
Starter Rolling Current, 12V @32 °F (0 °C)	920 amps
Starter Rolling Current, 24V @32 °F (0 °C)	600 amps
Min. Voltage at ECU during Cranking, 12V	6 volts
Min. Voltage at ECU during Cranking, 24V	10 volts
Max. Allowable Start Circuit Resistance, 12V	0.0012 ohms
Max. Allowable Start Circuit Resistance, 24V	0.002 ohms
Electrical Component Maximum Temperature Limit	125 °C 257 °F
Maximum ECU Temperature	105 °C 221 °F

Air Intake System

Engine Air Flow	29.9 m ³ /min	1055 ft ³ /min
Intake Manifold Pressure	199 kPa	28.9 psi
Manifold Air Temperature	86 °C	187 °F
Maximum Manifold Air Temperature	130 °C	266 °F
Max. Allowable Temperature Rise, Ambient Air to Engine Inlet	17 °C	30 °F
Max. Air Intake Restriction, Clean Air Cleaner	3 kPa	12 in.H ₂ O
Max. Air Intake Restriction, Dirty Air Cleaner	6.25 kPa	25 in.H ₂ O
Min. Ventilation Area	0.184 m ²	285 in ²

Performance Data

Rated Power	272 kW	365 hp
Rated Speed	1800 RPM	
Peak Torque Speed	1300 RPM	
Low Idle Speed	600 RPM	
Rated Torque	1443 Nm	1064 ft-lb
Peak Torque	1998 Nm	1474 ft-lb
BMEP, Rated	1343 kPa	195 psi
Rated Pferdestärke (metric hp)	370 ps	
Front Drive Capacity, Intermittent	542 Nm	400 lb-ft
Front Drive Capacity, Continuous	542 Nm	400 lb-ft

Exhaust System

Exhaust Flow	63 m ³ /min	2211 ft ³ /min
Exhaust Flow @ gas STP	28.52 m ³ /min	1007 ft ³ /min
Exhaust Temperature	382 °C	720 °F
Max. Allowable Exhaust Restriction	7.5 kPa	30 in.H ₂ O
Max. Shear on Turbocharger Exhaust Outlet	11 kg	24.3 lb
Max. Bending Moment on Turbocharger Exhaust Outlet	7 Nm	15.4 lb-ft
Min. Exhaust Pipe Diameter, Dry	127 mm	5.0 in
Min. Exhaust Pipe Diameter, Wet	139.7 mm	5.5 in

