

# USCG ACCEPTED LIFEBOAT/RESCUE BOAT ENGINES

## Accepted SOLAS Lifeboat/Rescue Boat Inboard Diesel Engines meeting US EPA Nonroad Compression-Ignition Engine Exhaust Emission Standards by Model Year 2014 or later

### General Requirements:

- For more details on the U.S. EPA's marine compression-ignition engine exhaust emission requirements, please visit: <https://www.epa.gov/emission-standards-reference-guide>.
- The indicated starting methods listed with the engines below have been accepted by Commandant (CG-ENG-4), as compliant with 46 CFR 160.135-7 and 160.156-.
- Per 46 CFR 160.135-7 and 160.156-7, gauge packages for inboard engines on USCG approved lifeboats/rescue boats must include:
  - coolant temperature for a liquid cooled engine;
  - oil pressure for an engine with an oil pump;
  - tachometer for an engine not provided with over speed protection; and
  - state of charge or rate of charge for each rechargeable engine starting power source.

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#### Installed per engine manufacturers instructions with required SOLAS components and fittings.

Model name	Output	rpm	Configuration/cylinders	Starting
R210	154 kW (210 Hp)	3800	Inline 4	Electric
S270S (Sterndrive)	199 kW	3800	V6	Electric
S270P (Shaft)	199 kW	3800	V6	Electric
S270J (Waterjet)	199 kW	3800	V6	Electric
SOLAS VGT 300	224 kW	3500	V8	Electric
SOLAS VGT 350	257 kW	3500	V8	Electric
SOLAS VGT 400	394 kW	3500	V8	Electric
SOLAS VGT 450	331 kW	3500	V8	Electric
SOLAS VGT 500	373 kW	3500	V8	Electric
Beta 28 EPA	20.6 kW	3600	Inline 3	Electric, Spring or Hydraulic*
Beta 36 EPA	26.5 kW	3600	Inline 4	Electric, Spring or Hydraulic*
Beta 48 EPA	35.3 kW	2800	Inline 4	Electric, Spring or Hydraulic*
D2-60	44 kW(60 Hp)	3000	Inline 4	Electric
D2-75	55 kW (75 Hp)	3000	Inline 4	Electric
D3-110	78 kW (110 Hp)	3000	Inline 5	Electric
D3-150	110 kW (150 Hp)	3000	Inline 5	Electric
D3-170	125 kW (170 Hp)	4000	Inline 5	Electric
D3-220	162 kW (220 Hp)	4000	Inline 5	Electric
D4-180	132 kW (180 Hp)	2800	Inline 4	Electric
D4-225	165 kW (225 Hp)	3500	Inline 4	Electric
D4-260	191 kW (260 Hp)	3500	Inline 4	Electric
D4-300	221 kW (300 Hp)	3500	Inline 4	Electric
D6-300	221 kW (300 Hp)	3500	Inline 6	Electric
D6-330	243 kW (330 Hp)	3500	Inline 6	Electric
D6-370	272 kW (370 Hp)	3500	Inline 6	Electric
D6-435	320 kW (435 Hp)	3500	Inline 6	Electric
D13	220-735 kW (300-1000 Hp)	1800- 2300	Inline 6	Electric