



MARINE

LINE-UP

**Our efficiency.
Your edge.**

Variable Speed Propulsion Engines Specifications

Application	Model	Dimensions* (L**xWxH) (mm)	Dry Weight (kg)	Cylinders Arrangement Injection Aspiration	Displacement (Liters)
○ ●	S30 230 E	780 x 776 x 755	330	4L / CR / TCA	3
○ ●	N40 250 E	834 x 708 x 772	490	4L / CR / TCA	3.9
○ ●	N45 100	811 x 700 x 836	450	4L / M / NA	4.5
○ ●	N60 400 E	1,089 x 726 x 789	595	6L / CR / TCA	5.9
○ ●	N67 150	1,052 x 705 x 910	530	6L / M / NA	6.7
○ ●	N67 220	1,072 x 749 x 800	605	6L / M / TC	6.7
○ ●	N67 280	1,072 x 749 x 800	605	6L / M / TCA	6.7
○ ●	N67 450 N	1,088 x 717 x 789	600	6L / CR / TCA	6.7
○ ●	N67 550	1,089 x 828 x 824	721	6L / CR / TCA	6.7
○ ●	N67 570 EVO	1,089 x 828 x 805	721	6L / CR / TCA	6.7
●	C90 410	1,289 x 861 x 973	950	6L / CR / TCA	8.7
○ ●	C90 620 E	1,312 x 863 x 973	940	6L / CR / TCA	8.7
○ ●	C90 650 E	1,312 x 863 x 973	940	6L / CR / TCA	8.7
○	C90 650 EVO	1,226 x 899 x 1,009	1,014	6L / CR / TCA	8.7
●	C16 600	1,470 x 1,025 x 1,169	1,570	6L / CR / TCA	15.9
○ ●	C16 1,000	1,470 x 1,166 x 1,169	1,640	6L / CR / TCA	15.9

Legend

- Application**
 ○ Pleasure
 ● Commercial
- Cylinders Arrangement**
 L In line vertical
- Air Intake**
 NA Naturally Aspirated
 TC Turbocharged
 TCA Turbocharged After Cooled
- Injection System**
 M Mechanical
 CR Common Rail

- * Dimensions can be changed according to engine options
 ** Length at flywheel
 *** IWW Stage V Certification
- (1) Keel-cooled versions are also available.
 (2) Net rating at flywheel according to ISO 8665 and delivered after ~ 50 hours running. Engine performance within ± 5%.

	Power ² - kW (hp) @ rpm				
	A1	A2/B1	B	C	D
	169 (230) @ 4,000	-	129 (175,5) @ 3,500	85 (115,6) @ 3,500	-
	184 (250) @ 2,800	169 (230) @ 2,800 ¹	147 (200) @ 2,800 ¹	125 (170) @ 2,800 ¹ *** 110 (150) @ 2,800 ¹ *** 74 (100) @ 2,800 ¹ *** 63 (85) @ 2,800 ¹ ***	-
	74 (100) @ 2,800	-	66,5 (90) @ 2,800 ¹	-	63 (85) @ 2,800 ¹
	294 (400) @ 3,000	272 (370) @ 3,000	242 (330) @ 3,000	198 (270) @ 3,000	-
	110 (150) @ 2,800	-	99,5 (135) @ 2,800 ¹	-	92 (125) @ 2,800 ¹
	162 (220) @ 2,800	-	-	132 (180) @ 2,800	110 (150) @ 2,800
	206 (280) @ 2,800	-	191 (260) @ 2,800 ¹	169 (230) @ 2,800 ¹	132 (180) @ 2,500 ¹
	331 (450) @ 3,000	309 (420) @ 3,000 ¹	272 (370) @ 3,000 ¹	257 (350) @ 3,000 ¹	215 (292) @ 2,000 ¹ 125 (170) @ 2,300 ¹ ***
	404 (550) @ 3,200	368 (500) @ 3,200	353 (480) @ 3,200	-	-
	419 (570) @ 3,000 404 (550) @ 3,000	390 (530) @ 3,000 ¹	357 (485) @ 3,000 ¹	-	-
	-	-	-	301 (410) @ 2,000 ¹	279 (380) @ 2,000 ¹ 220 (300) @ 2,000 ¹ 125 (170) @ 2,000 ¹ ***
	456 (620) @ 2,530	445 (605) @ 2,530 ¹ 426 (580) @ 2,530 404 (550) @ 2,530	368 (500) @ 2,530	331 (450) @ 2,530	-
	478 (650) @ 2,530	445 (605) @ 2,530 ¹	-	-	-
	478 (650) @ 2,530	460 (625) @ 2,530	-	-	-
	-	-	-	-	441 (600) @ 1,800 ¹ 404 (550) @ 1,800 ¹ 368 (500) @ 1,800 ¹
	-	735 (1000) @ 2,300 691 (940) @ 2,450	662 (900) @ 2,300	599 (815) @ 2,300 ¹ 599 (815) @ 2,000 ¹ 588 (800) @ 2,300 ¹ 588 (800) @ 2,000 ¹ 551 (750) @ 2,300 ¹ 551 (750) @ 2,000 ¹ 478 (650) @ 2,300 ¹	-

- A1** High performance crafts. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 300 hours per year.
- A2/B1** Pleasure/commercial vessels. Full throttle operation restricted within 10% of total use period Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 1,000 hours per year.

- B** Light duty. Full throttle operation restricted within 10% of total use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 1,500 hours per year.
- C** Medium duty. Full throttle operation <25% of use period. Cruising speed at engine rpm <90% of rated speed setting. Maximum useage 3,000 hours per year.
- D** Heavy duty. Maximum rating utilisation up to 100% of use period, for unlimited hours per year.

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