



MARINE LINE-UP

**Our efficiency.
Your edge.**

Engines Specifications

| Application | Model | Dimensions* (L**xWxH) Millimeters | Dry Weight Kilograms | Cylinders Arrangement Injection Aspiration | Displacement Liters |
|-------------|----------------------|--------------------------------------|-------------------------|---|------------------------|
| ○ ● | S30 230 E | 780 x 775 x 753 | 330 | 4L / CR / TCA | 3 |
| ● | N40 170*** | 850 x 780 x 785 | 490 | 4L / CR / TCA | 3,9 |
| ○ ● | N40 250 E | 850 x 780 x 785 | 490 | 4L / CR / TCA | 3,9 |
| ○ ● | N45 100 | 811 x 700 x 836 | 450 | 4L / MEC / NA | 4,5 |
| ○ ● | N60 400 E | 1072 x 739 x 778 | 595 | 6L / CR / TCA | 5,9 |
| ○ ● | N67 150 | 1052 x 705 x 910 | 530 | 6L / MEC / NA | 6,7 |
| ● | N67 170*** | 1089 x 780 x 788 | 600 | 6L / CR / TCA | 6,7 |
| ○ ● | N67 220 | 1072 x 749 x 800 | 605 | 6L / MEC / TC | 6,7 |
| ○ ● | N67 280 | 1072 x 749 x 800 | 605 | 6L / MEC / TCA | 6,7 |
| ○ ● | N67 450 N | 1089 x 780 x 788 | 600 | 6L / CR / TCA | 6,7 |
| ○ ● | N67 550 | 1089 x 850 x 825 | 721 | 6L / CR / TCA | 6,7 |
| ○ ● | N67 570 EVO | 1089 x 847 x 825 | 721 | 6L / CR / TCA | 6,7 |
| ● | C90 170*** | 1288 x 863 x 962 | 950 | 6L / CR / TCA | 8,7 |
| ● | C90 380 ¹ | 1288 x 863 x 962 | 950 | 6L / CR / TCA | 8,7 |
| ○ ● | C90 620 E | 1288 x 868 x 962 | 940 | 6L / CR / TCA | 8,7 |
| ○ | C90 650 E | 1288 x 868 x 962 | 940 | 6L / CR / TCA | 8,7 |
| ○ | C90 650 EVO | 1226 x 899 x 1009 | 1014 | 6L / CR / TCA | 8,7 |
| ● | C13 500 | 1465 x 1000 x 1058 | 1345 | 6L / EU1 / TCA | 12,9 |
| ○ ● | C13 825 E | 1465 x 1000 x 1058 | 1395 | 6L / EU1 / TCA | 12,9 |
| ● | C16 600 | 1465 x 1000 x 1160 | 1570 | 6L / CR / TCA | 15,9 |
| ○ ● | C16 1000 | 1465 x 1136 x 1160 | 1640 | 6L / CR / TCA | 15,9 |

Legend

- Application**
 ○ Pleasure
 ● Professional
- Cylinders Arrangement**
 L In line vertical
- Air Intake**
 NA Naturally Aspirated
 TC Turbocharged
 TCA Turbocharged After Cooled

* Dimensions can be changed according to engine options
 ** Length at flywheel
 *** IWV Stage V Certification

(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) @ 4000 | - | 129 (175,5) @ 3500 | 85 (115,6) @ 3500 | - |
| - | - | - | 125 (170) @ 2800 ¹ 110 (150) @ 2800 ¹ 74 (100) @ 2800 ¹ 63 (85) @ 2800 ¹ | - |
| 184 (250) @ 2800 ¹ | 169 (230) @ 2800 ¹ | 147 (200) @ 2800 ¹ | 110 (150) @ 2800 74 (100) @ 2800 | - |
| 74 (100) @ 2800 ¹ | - | 66,5 (90) @ 2800 ¹ | - | 63 (85) @ 2800 ¹ |
| 294 (400) @ 3000 | 272 (370) @ 3000 | 242 (330) @ 3000 | 198 (270) @ 3000 | - |
| 110 (150) @ 2800 ¹ | - | 99,5 (135) @ 2800 ¹ | - | 92 (125) @ 2800 ¹ |
| - | - | - | - | 125 (170) @ 2300 ¹ |
| 162 (220) @ 2800 | - | - | 132 (180) @ 2800 | 110 (150) @ 2800 |
| 206 (280) @ 2800 ¹ | - | 191 (260) @ 2800 ¹ | 169 (230) @ 2800 ¹ | 132 (180) @ 2500 ¹ |
| 331 (450) @ 3000 | 309 (420) @ 3000 ¹ | 272 (370) @ 3000 ¹ | 257 (350) @ 3000 ¹ | - |
| 404 (550) @ 3200 | 368 (500) @ 3200 | 353 (480) @ 3200 | - | - |
| 419 (570) @ 3000 404 (550) @ 3000 | 390 (530) @ 3000 ¹ | 357 (485) @ 3000 ¹ | - | - |
| - | - | - | - | 125 (170) @ 2000 |
| - | - | - | 301 (410) @ 2000 | 279 (380) @ 2000 ¹ |
| 456 (620) @ 2530 | 426 (580) @ 2530 404 (550) @ 2530 | 368 (500) @ 2530 | 331 (450) @ 2530 | - |
| 478 (650) @ 2530 | - | - | - | - |
| 478 (650) @ 2530 | 460 (625) @ 2530 | - | - | - |
| - | - | - | 382 (520) @ 2000 | 367 (500) @ 2000 ¹ |
| 607 (825) @ 2400 | 551 (750) @ 2400 | 478 (650) @ 2400 | 441 (600) @ 2400 | - |
| - | - | - | - | 441 (600) @ 1800 ¹ 404 (550) @ 1800 ¹ 368 (500) @ 1800 ¹ |
| - | 735 (1000) @ 2300 | 662 (900) @ 2300 | 599 (815) @ 2300 ¹ 551 (750) @ 2300 ¹ 478 (650) @ 2300 ¹ | - |

(1) Keel-cooled versions are also available.

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 1000 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 1500 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 3000 hours per year.

D Heavy duty. Maximum rating utilisation up to 100% of use period, for unlimited hours per year.

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