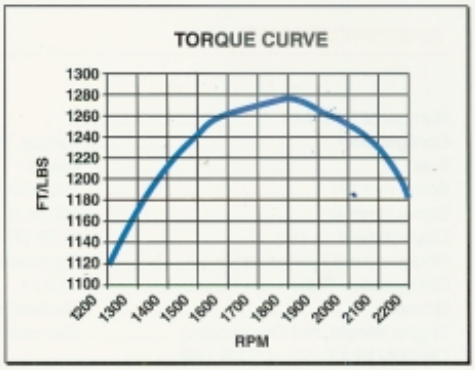
# MAN MARINE DIESEL ENGINE D2866LE4.. 368-449 kW (500-610 HP)

## PERFORMANCE DATA

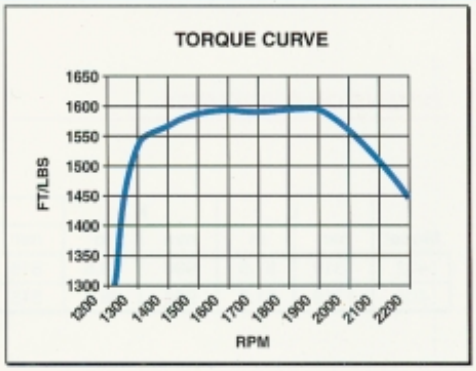
**Model: LE402** **Weight: 1160 kg** **Power To Weight Ratio:**
**500 HP** **2552 lbs** **5.10 lbs per HP**

| | OUTPUT (Full Load) | | FUEL CONSUMPTION (Propeller Demand) | | |
|---|---|---|---|---|---|
| RPM | kW | HP | g/kWh | ltr/h | gal/hr |
| 1200 | 190 | 258 | 213 | 21 | 5 |
| 1300 | 215 | 292 | 207 | 24 | 6 |
| 1400 | 240 | 326 | 204 | 29 | 8 |
| 1500 | 260 | 354 | 203 | 34 | 9 |
| 1600 | 285 | 388 | 202 | 40 | 11 |
| 1700 | 305 | 415 | 205 | 47 | 12 |
| 1800 | 325 | 442 | 209 | 56 | 15 |
| 1900 | 340 | 462 | 215 | 66 | 17 |
| 2000 | 355 | 483 | 220 | 76 | 20 |
| 2100 | 365 | 496 | 226 | 89 | 23 |
| 2200 | 368 | 500 | 233 | 103 | 27 |




**Model: LE405** **Weight: 1160 kg** **Power To Weight Ratio:**
**610 HP** **2552 lbs** **4.18 lbs per HP**

| | OUTPUT (Full Load) | | FUEL CONSUMPTION (Propeller Demand) | | |
|---|---|---|---|---|---|
| RPM | kW | HP | g/kWh | ltr/h | gal/hr |
| 1200 | 209 | 284 | 210 | 25 | 7 |
| 1300 | 282 | 384 | 204 | 29 | 8 |
| 1400 | 311 | 423 | 200 | 35 | 9 |
| 1500 | 335 | 456 | 203 | 42 | 11 |
| 1600 | 360 | 490 | 202 | 49 | 13 |
| 1700 | 382 | 520 | 203 | 57 | 15 |
| 1800 | 405 | 551 | 204 | 66 | 17 |
| 1900 | 428 | 582 | 210 | 78 | 21 |
| 2000 | 440 | 598 | 215 | 91 | 24 |
| 2100 | 448 | 609 | 224 | 107 | 28 |
| 2200 | 449 | 610 | 233 | 125 | 33 |




## RATING CONDITIONS

No reduction in rating for intake air temperature up to 113° F (45° C), and seawater temperatures of up to 90° F (32° C).

* The ratings are based on reference conditions according to DIN 5271/ISO 1046/1, propeller curve calculated at 2.5 exponent.

Text and illustrations are non binding, we reserve the right to make modifications in the interest of technical progress.

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