

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

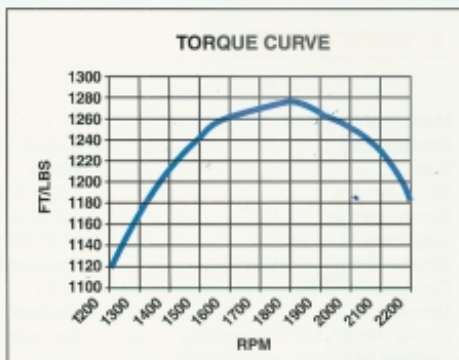
## PERFORMANCE DATA

Model: LE402  
500 HP

Weight: 1160 kg  
2552 lbs

Power To Weight Ratio:  
5.10 lbs per HP

| RPM  | OUTPUT<br>(Full Load) |     | FUEL CONSUMPTION<br>(Propeller Demand) |       |        |
|------|-----------------------|-----|----------------------------------------|-------|--------|
|      | 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     |

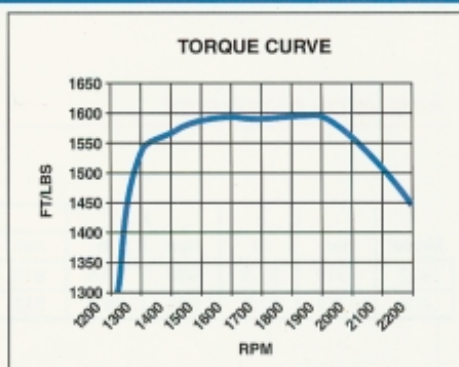


Model: LE405  
610 HP

Weight: 1160 kg  
2552 lbs

Power To Weight Ratio:  
4.18 lbs per HP

| RPM  | OUTPUT<br>(Full Load) |     | FUEL CONSUMPTION<br>(Propeller Demand) |       |        |
|------|-----------------------|-----|----------------------------------------|-------|--------|
|      | 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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