



# Diesel engine power to Fuel Consumption table - Naturally aspirated Engines

Table based on fuel consumed at 240 g/kW hour

| Power Unit |      |      | Fuel Consumption per hour |      |       |        |
|------------|------|------|---------------------------|------|-------|--------|
| hp         | kW   | kVA  | lb                        | kg   | liter | US gal |
| 1          | 0.75 | 0.93 | 0.40                      | 0.18 | 0.21  | 0.06   |
| 1.07       | 0.8  | 1    | 0.43                      | 0.19 | 0.23  | 0.06   |
| 1.34       | 1    | 1.25 | 0.54                      | 0.24 | 0.29  | 0.08   |
| 5          | 3.73 | 4.66 | 2.00                      | 0.90 | 1.07  | 0.28   |
| 7          | 5.22 | 6.52 | 2.80                      | 1.30 | 1.49  | 0.39   |
|            |      |      |                           |      |       |        |
| hp         | kW   | kVA  | lb                        | kg   | liter | US gal |
| 10         | 7.46 | 9.32 | 4.00                      | 1.80 | 2.13  | 0.56   |
| 12         | 9    | 11   | 4.80                      | 2.20 | 2.56  | 0.68   |
| 15         | 11   | 14   | 6.00                      | 2.70 | 3.20  | 0.85   |
| 18         | 13   | 17   | 7.20                      | 3.25 | 3.84  | 1.01   |
| 20         | 15   | 19   | 8.00                      | 3.50 | 4.26  | 1.13   |
| 22         | 16   | 21   | 8.80                      | 4.00 | 4.69  | 1.24   |
| 25         | 19   | 23   | 10                        | 4.5  | 5.33  | 1.41   |
| 35         | 26   | 33   | 14                        | 6.4  | 7.46  | 1.97   |
| 50         | 37   | 47   | 20                        | 9.1  | 10.66 | 2.82   |
|            |      |      |                           |      |       |        |
| hp         | kW   | kVA  | lb                        | kg   | liter | US gal |
| 55         | 41   | 51   | 22                        | 10   | 11.7  | 3.09   |
| 60         | 45   | 56   | 24                        | 10.9 | 12.8  | 3.38   |
| 65         | 48   | 61   | 26                        | 11.8 | 13.9  | 3.67   |
| 75         | 56   | 70   | 30                        | 13.6 | 16    | 4.23   |
| 80         | 60   | 75   | 32                        | 14.5 | 17.1  | 4.52   |
| 100        | 75   | 93   | 40                        | 18   | 21.3  | 5.63   |
|            |      |      |                           |      |       |        |
| hp         | kW   | kVA  | lb                        | kg   | liter | US gal |
| 120        | 89   | 112  | 48                        | 22   | 25.6  | 6.76   |
| 150        | 112  | 140  | 60                        | 27   | 32    | 8.45   |
| 200        | 149  | 186  | 80                        | 36   | 42.6  | 11.25  |
| 220        | 164  | 205  | 88                        | 40   | 46.9  | 12.39  |
| 300        | 224  | 280  | 120                       | 54   | 63.9  | 16.88  |
| 310        | 231  | 289  | 124                       | 56   | 66.1  | 17.46  |
| 350        | 261  | 326  | 140                       | 80   | 64    | 19.71  |
|            |      |      |                           |      |       |        |
| hp         | kW   | kVA  | lb                        | kg   | liter | US gal |
| 400        | 298  | 373  | 160                       | 73   | 85.3  | 22.53  |
| 450        | 336  | 419  | 180                       | 82   | 95.9  | 25.33  |
| 500        | 373  | 466  | 200                       | 91   | 106.6 | 28.16  |
| 600        | 447  | 559  | 240                       | 109  | 128   | 33.8   |
| 750        | 559  | 699  | 300                       | 136  | 160   | 42.3   |
| 1000       | 746  | 932  | 400                       | 181  | 213   | 56.3   |
| hp         | kW   | kVA  | lb                        | kg   | liter | US gal |