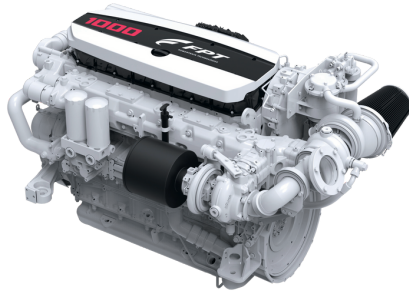


# CURSOR 16

1000 Rated at 815 Mhp @ 2300



## SPECIFICATIONS

|                        |                         |
|------------------------|-------------------------|
| Type                   | Diesel 4 Stroke         |
| Configuration          | Inline 6 Cylinder       |
| Air Handling           | Turbocharged Air Cooled |
| Bore X stroke          | 141 x 170 mm            |
| Displacement           | 15.9 L                  |
| Compression Ratio      | 15.5 : 1                |
| Valves per Cylinder    | 4                       |
| Rotation               | CCW                     |
| Fuel System            | Electronic Common Rail  |
| Cylinder Head Material | CGI                     |
| Over Head Camshaft     | Heat Treated Steel      |
| Piston                 | Steel Crown Dual Lip    |
| Moment of Inertia      | Re-entrant              |
| Temperature Regulation | .4845 kg/m2             |
| Cold Start Aid         | 72-80C                  |
| Cooling System         | Yes                     |
|                        | HXC and KC              |

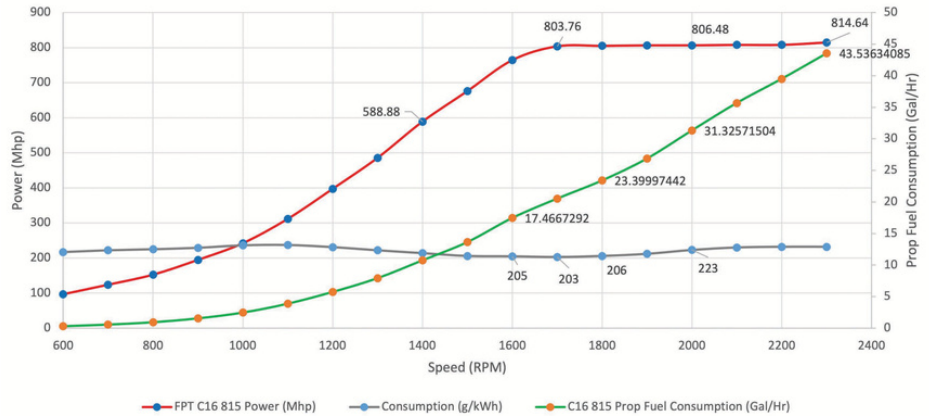
## RATINGS

|                |                        |
|----------------|------------------------|
| 815 Mhp @ 2300 | 2509 ft/lbs @ 1600 RPM |
|----------------|------------------------|

## STANDARD CONFIGURATION

|                  |                           |
|------------------|---------------------------|
| Emissions Level  | EPA Tier 3                |
| Flywheel SAE1    | 19"                       |
| Flywheel Housing | Cast Iron                 |
| Flywheel Housing | SAE 1                     |
| Oil Sump         | Aluminum 10 Degree Static |
| Voltage          | 24v                       |
| Alternator       | 90A/120A                  |
| Starter          | 5.5 kW                    |
| Dimensions       | 57.7" x 44.7" x 45.7"     |
| Weight Dry       | 3725 lbs                  |
| Weight Wet       | 3968 lbs                  |

FPT C16 815 Mhp @ 2300 Performance Curve



## C16 815 Mhp — RATING C - 599 kW

| Engine Speed (r p m) | Peak Power (Mhp) | Propeller Power (Mhp) | Torque (ft/ lbs) | Propeller Fuel Consumption (gal/ hr) | Consumption (g/kWh) |
|----------------------|------------------|-----------------------|------------------|--------------------------------------|---------------------|
| 600                  | 96.6             | 6.6                   | 845.2            | 0.3                                  | 217                 |
| 700                  | 123.8            | 11.5                  | 928.6            | 0.6                                  | 222                 |
| 800                  | 152.3            | 18.4                  | 1000.0           | 1.0                                  | 225                 |
| 900                  | 194.5            | 29.8                  | 1134.9           | 1.6                                  | 229                 |
| 1000                 | 242.1            | 45.8                  | 1271.4           | 2.5                                  | 236                 |
| 1100                 | 311.4            | 71.2                  | 1487.0           | 3.9                                  | 237                 |
| 1200                 | 397.1            | 108.1                 | 1738.1           | 5.8                                  | 231                 |
| 1300                 | 485.5            | 155.1                 | 1961.5           | 7.9                                  | 222                 |
| 1400                 | 588.9            | 218.2                 | 2209.1           | 10.8                                 | 214                 |
| 1500                 | 675.9            | 287.5                 | 2366.6           | 13.6                                 | 206                 |
| 1600                 | 764.3            | 369.9                 | 2508.9           | 17.5                                 | 205                 |
| 1700                 | 803.8            | 439.1                 | 2483.1           | 20.5                                 | 203                 |
| 1800                 | 805.1            | 493.1                 | 2349.2           | 23.4                                 | 206                 |
| 1900                 | 806.5            | 550.4                 | 2229.3           | 26.9                                 | 212                 |
| 2000                 | 806.5            | 609.8                 | 2117.8           | 31.3                                 | 223                 |
| 2100                 | 807.8            | 673.5                 | 2020.4           | 35.7                                 | 230                 |
| 2200                 | 807.8            | 739.1                 | 1928.5           | 39.5                                 | 232                 |
| 2300                 | 814.6            | 814.6                 | 1860.2           | 43.5                                 | 232                 |

= Range of highest engine efficiency

## NEWFOUNDLAND & LABRADOR

141 Glencoe Drive  
Mount Pearl, NL | A1N 4S7  
Phone: (709) 726-6774  
Email: [sales@madsenpower.ca](mailto:sales@madsenpower.ca)

## ONTARIO

30 Voyager Court South  
Toronto, Ontario | M9W 5M7  
Phone: (416) 907-3844  
Email: [sales@madsenpower.ca](mailto:sales@madsenpower.ca)

