



Enriching Lives

Engine Performance Curve

Kirloskar Oil Engines Limited
Laxmanrao Kirloskar Road
Khadki, Pune - 411003 (India)

Basic Engine Model :

KFP6R-UF25

Revision Date : 25.06.2009

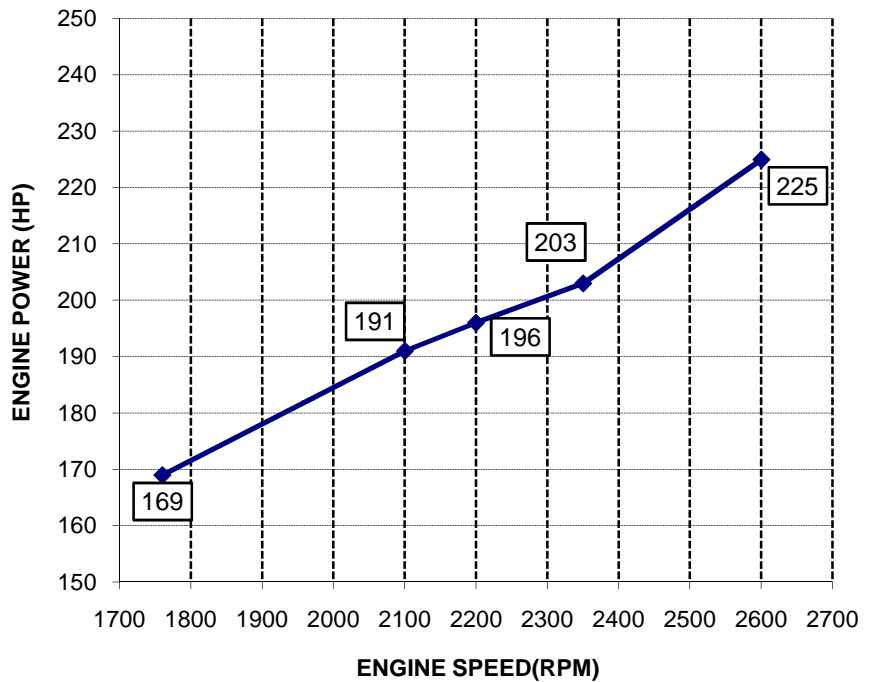
Curve Number : EPC - UF25 - 00

Engine Family : R Series
Displacement - In.3 (L) : 395.4 (6.48)
Compression Ratio : 17.6 : 1
Number of Cylinders : 6
Aspiration : Turbocharged,
Aftercooled
Fuel Pump : MOTORPAL

Engine Weight - Kg : 883
Minimum Rating : 169 HP @ 1760 RPM
Maximum Rating : 225 HP @ 2600 RPM

Engine Power Output

Engine Speed	Power
RPM	HP
1760	169
2100	191
2200	196
2350	203
2600	225



- Power Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with SAE J1349 conditions of 29.61 in Hg (100 kPa) barometric pressure [300 ft. (91.4 m) altitude], 77 °F (25 °C) inlet air temperature with No. 2 diesel fuel
- The engine can be operated without changing the fuel setting up to 300 ft. (91.4 m) altitude and up to 77 °F (25 °C) ambient temperature. To operate at high altitudes, the fuel rate of the engine should be adjusted to limit performance by 3% per 1,000 ft. (305 m) above 300 ft. (91.4 m) altitude. To operate at high ambient temperatures, the fuel rate of the engine should be adjusted to limit performance by 1% per 10 °F above 77 °F (2% per 11 °C above 25 °C).