



Enriching Lives

# Engine Performance Curve

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

**Basic Engine Model :**  
**KFP4R-UF07**

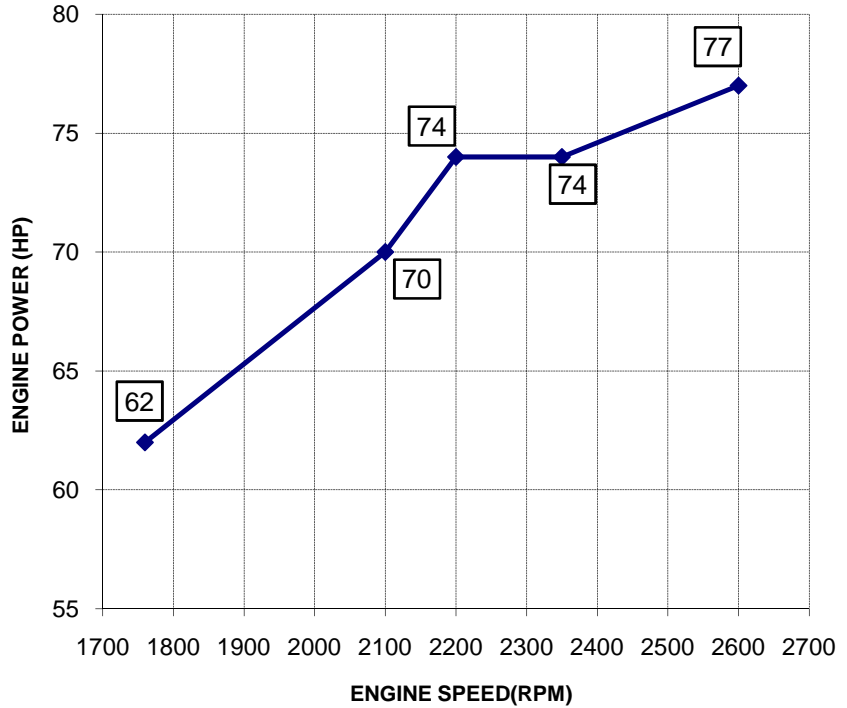
Revision Date : 25.06.2009  
Curve Number : EPC - UF07 - 00

Engine Family : R Series  
Displacement - In.3 (L) : 254 (4.16)  
Compression Ratio : 18 : 1  
Number of Cylinders : 4  
Aspiration : Naturally Aspirated  
Fuel Pump : BOSCH

Engine Weight - Kg : 580  
Minimum Rating : 62 HP @ 1760 RPM  
Maximum Rating : 77 HP @ 2600 RPM

### Engine Power Output

Engine Speed	Power
RPM	HP
1760	62
2100	70
2200	74
2350	74
2600	77



- 1 . 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
- 2 . 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).