



Enriching Lives

Engine Performance Curve

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

Basic Engine Model :
KFP4R-UF05

Curve Number : EPC - UF05 - 00

Revision Date : 11.01.2018

Rev. Number : 00

Engine Family : R Series

Engine Weight - Kg : 490

Displacement - In³ (L) : 197 (3.2)

Minimum Speed Rating : 57 HP @ 2800 RPM

Compression Ratio : 17.5 : 1

Maximum Speed Rating : 55 HP @ 3000 RPM

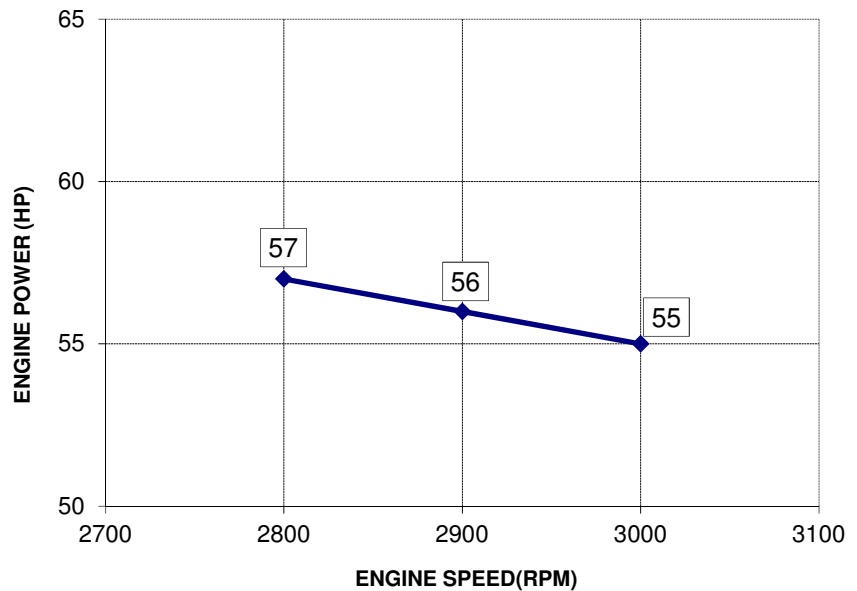
Number of Cylinders : 4

Aspiration : Naturally Aspirated

Fuel Pump : BOSCH

Engine Power Output

Engine Speed RPM	Power HP
2800	57
2900	56
3000	55



- Power Curves shown above represent gross engine performance capabilities obtained and corrected in accordance with SAE J1349 conditions of 29.61 in. (752.1 mm) Hg barometer pressure [300 ft. (91.4 m) altitude], 77 °F (25 °C) inlet air temperature with Grade -1 diesel fuel.
- A deduction of 3 percent from engine power rating corrected to standard SAE conditions shall be made for diesel engines for every 1000 ft. (305 m) altitude above 300 ft. (91.4 m) and deduction of 1 percent from engine power rating corrected to standard SAE conditions shall be made for diesel engines for every 10 °F (5.6 °C) above 77 °F (25 °C) ambient temperature.
- Horsepower ratings within the specified speed range are to be determined by the use of Linear Interpolation between the Horsepower developed at Minimum and Maximum speeds.