



Enriching Lives

Engine Performance Curve

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

Basic Engine Model :
KFP4R-UF16R2

Curve Number: EPC - UF16R2 - 00

Revision Date : 28.05.2018
Rev. Number : 00

Engine Family : R Series

Displacement - In³ (L) : 254 (4.16)

Compression Ratio : 17.0 : 1

Number of Cylinders : 4

Aspiration : Turbocharged,
After cooled

Fuel Pump : MOTORPAL

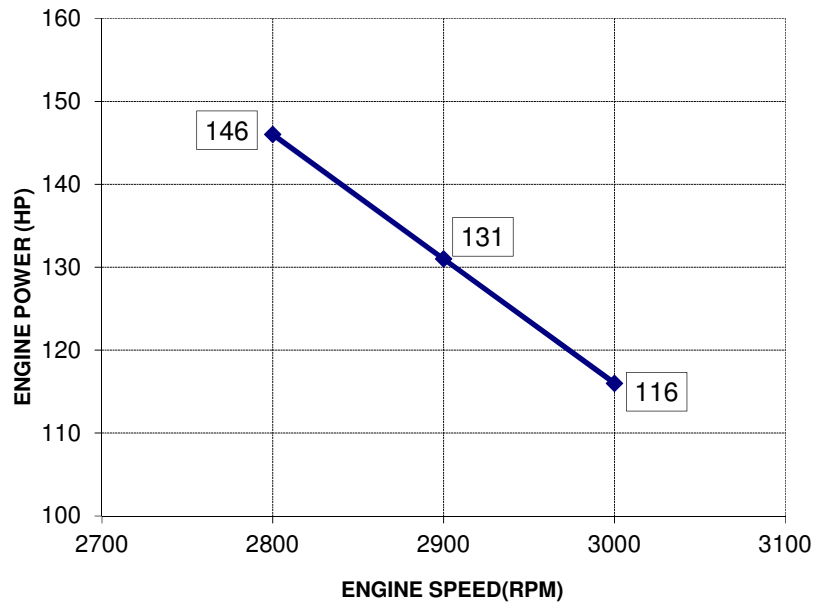
Engine Weight - Kg : 690

Minimum Speed Rating : 146 HP @ 2800 RPM

Maximum Speed Rating : 116 HP @ 3000 RPM

Engine Power Output

Engine Speed RPM	Power HP
2800	146
2900	131
3000	116



- 1 . 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.
- 2 . 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
- 3 . 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.