



Enriching Lives

Engine Performance Curve

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

Basic Engine Model :
KFP4R-FM05D1

Curve Number : EPC - FM05D1 - 00

Revision Date : 28.07.2018

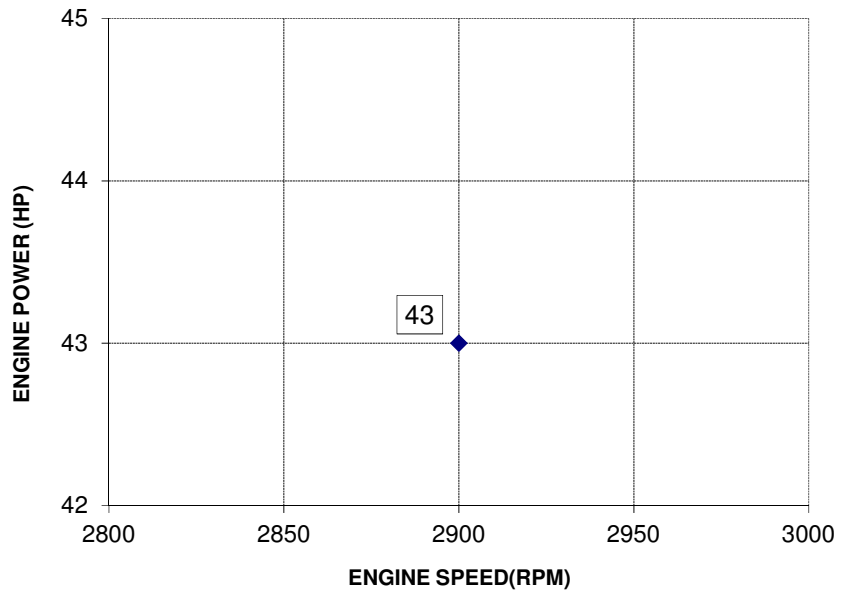
Rev. Number : 00

Engine Family : R Series
Displacement - In³ (L) : 197 (3.2)
Compression Ratio : 17.5 : 1
Number of Cylinders : 4
Aspiration : Naturally Aspirated
Fuel Pump : BOSCH

Engine Weight - Kg : 490
Power Rating : 43 HP @ 2900 RPM

Engine Power Output

Engine Speed RPM	Power HP
2900	43



- 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 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.
- 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.