



Enriching Lives

### Engine Specification

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

### Basic Engine Model:

**KFP4R-UF16R1**

Reference Number : ES - UF16R1 - 00

Revision Date : 28.05.2018

Rev. Number : 00

Number of Cylinders.....	4
Aspiration.....	Turbocharged, Aftercooled
Rotation *.....	Counter - Clockwise
Engine Dry Weight - lb (kg).....	1521(690)
Compression ratio.....	17.0 : 1
Displacement - in <sup>3</sup> (L).....	254 (4.16)
Engine Type.....	4 Stroke Cycle - Inline Construction
Bore & Stroke - in (mm).....	4.13 x 4.72 (105 x 120)
Installation Drawing.....	4H.2806.00.0.00
Wiring Diagram.....	4H.1364.41.0.00
Engine Series.....	R Series

\* Rotation viewed from Flywheel end

### ENGINE RATINGS BASELINES

Engines are rated as per SAE standard J1349 conditions of 29.61 in. (752.1 mm) Hg barometer pressure and 77 °F (25 °C) inlet air temperature [Approx 300 ft. (91.4 m) above sea level] 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).

A 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.