

 Enriching Lives	Engine Specification Kirloskar Oil Engines Limited Laxmanrao Kirloskar Road Khadki, Pune - 411003 (India)	Basic Engine Model: KFP4R-UF15
		Reference Number : ES - UF15 - 00
		Revision Date : 13.02.2014 Rev. Number : 01
Number of Cylinders..... 4 Aspiration..... Turbocharged, Aftercooled Rotation *..... Counter - Clockwise Engine Weight - lb (kg)..... 1391(631) Compression ratio..... 18.0 : 1 Displacement - in. ³ (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.2588.00.00 Wiring Diagram..... 4H.1364.22.0.00 Engine Series..... R Series		
* Ration viewed from Flywheel end		
ENGINE RATINGS BASELINES		
Engines are rated at standard SAE conditions of 29.61 in. (7521 mm) Hg barometer and 77 °F (25 °C) inlet air temperature [Approx 300 ft. (91.4 m) above sea level] by the testing laboratory (As per SAE standard J1349).		
A deduction of 3 percent from engine power rating at standard SAE conditions shall be made for diesel engines for each 1000 ft. (305 m) altitude above 300 ft. (91.4 m).		
A deduction of 1 percent from engine power 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.		