

 Enriching Lives	Engine Specification Kirloskar Oil Engines Limited Laxmanrao Kirloskar Road, Khadki, Pune - 411003 (India)	Basic Engine Model: KFP4R-UF08
		Reference Number : ES - UF08 - 00
		Revision Date : 11.01.2018 Rev. Number : 00
Number of Cylinders..... 4 Aspiration..... Naturally Aspirated Rotation *..... Counter - Clockwise Engine Dry Weight - lb (kg)..... 1322 (600) Compression ratio..... 17.5 : 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.2215.00.0.00 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.		