

 Enriching Lives	Engine Specification Kirloskar Oil Engines Limited Laxmanrao Kirloskar Road, Khadki, Pune - 411003 (India)	Basic Engine Model: KFP4R-FM05D1
		Reference Number : ES - FM05D1 - 00
		Revision Date : 28.07.2018 Rev. Number : 00
Number of Cylinders..... 4 Aspiration..... Naturally Aspirated Rotation *..... Counter - Clockwise Engine Dry Weight - lb (kg)..... 1080 (490) Compression ratio..... 17.5 : 1 Displacement - in ³ (L)..... 197 (3.2) Engine Type..... 4 Stroke Cycle - Inline Construction Bore & Stroke - in (mm)..... 3.78 x 4.4 (96 x 112) Installation Drawing..... T4.2427.00.0.00 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.		