

 Enriching Lives	<b>Engine Specification</b> Kirloskar Oil Engines Limited Laxmanrao Kirloskar Road Khadki, Pune - 411003 (India)	<b>Basic Engine Model:</b> KFP4R-UF07																						
		Reference Number : ES - UF07 - 00																						
		Revision Date : 13.02.2014 Rev. Number : 01																						
<table border="0"> <tr> <td>Number of Cylinders.....</td> <td>4</td> </tr> <tr> <td>Aspiration.....</td> <td>Naturally Aspirated</td> </tr> <tr> <td>Rotation *.....</td> <td>Counter - Clockwise</td> </tr> <tr> <td>Engine Dry Weight - lb (kg).....</td> <td>1278 (580)</td> </tr> <tr> <td>Compression ratio.....</td> <td>18:01</td> </tr> <tr> <td>Displacement - in.<sup>3</sup> (L).....</td> <td>254 (4.16)</td> </tr> <tr> <td>Engine Type.....</td> <td>4 Stroke Cycle - Inline Construction</td> </tr> <tr> <td>Bore &amp; Stroke in. (mm).....</td> <td>4.13 x 4.72 (105 x 120)</td> </tr> <tr> <td>Installation Drawing.....</td> <td>4H.2209.00.00</td> </tr> <tr> <td>Wiring Diagram.....</td> <td>4H.1364.22.0.00</td> </tr> <tr> <td>Engine Series.....</td> <td>R Series</td> </tr> </table> <p>* Rotation viewed from Flywheel end</p> <p style="text-align: center;"><b>ENGINE RATINGS BASELINES</b></p> <p>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).</p> <p>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).</p> <p>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.</p>			Number of Cylinders.....	4	Aspiration.....	Naturally Aspirated	Rotation *.....	Counter - Clockwise	Engine Dry Weight - lb (kg).....	1278 (580)	Compression ratio.....	18:01	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.2209.00.00	Wiring Diagram.....	4H.1364.22.0.00	Engine Series.....	R Series
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