



Kirloskar 3, 4 & 6 Cylinder
Air Cooled Diesel Engines
for Forestry & Sugar

kirloskar
South Africa

Technical Specifications of Air Cooled Engines for Bell Applications:

Parameter	Unit	HA394	HA494	HA694
No. of Cylinders	-	3	4	6
Bore x Stroke	mm	100 x 120		
Firing Order	-	1-3-2	1-3-4-2	1-5-3-6-2-4
Displacement	cc	2826	3768	5652
Direction of rotation	-	Counter Clockwise viewed from the flywheel (CCW)		
Aspiration	-	Natural		
Compression ratio	-	17:01		
Starting arrangement	-	12V Electrical		
Rated Power as per ISO-3046	kW	38.3	51.5	78.0
Rated Speed	RPM	2500	2500	2500
Peak Torque	Nm @ RPM	151 @ 1500	203 @ 1500	305 @ 1500
Governor type	-	Mechanical		
Specific Fuel Consumption at optimum load (+5% tolerance)	gm/bhp-hr gm/kW-hr	164 (223)	163 (222)	165 (224)
Dry engine weight - with flywheel	Kg.	403	421	477



Kirloskar HA494, 4 Cylinder Diesel Engine



Kirloskar HA694, 6 Cylinder Diesel Engine

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