

ARIEL CORPORATION

JGM/JGP



WORLD STANDARD
COMPRESSORS



	JGM		JGP	
Number of Throws	1	2	1	2
Rated Power (BHP)	85	170	85	170
Rated Power (kW)	63	127	63	127
Stroke (in)	3.5		3.0	
Stroke (mm)	89		76	
Maximum RPM	1,500		1,800	
Piston Speed (FPM)	875		900	
Piston Speed (m/s)	4.45		4.57	
Total Rod Load (lbs)	12,000			
Total Rod Load (kN)	53			
Rod Load Tension (lbs)	6,000			
Rod Load Tension (kN)	26			
Rod Load Compression (lbs)	7,000			
Road Load Compression (kN)	31			
Rod Diameter (in)	1.125			
Rod Diameter (mm)	29			
Crankshaft Centerline, from bottom (in)	9.25			
Crankshaft Centerline, from bottom (mm)	235			