



COMPRESSOR DATA CARD

SUPPORT

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1 (740) 397-3856

www.arielcorp.com



*Measurements in inches
unless stated otherwise

	JGM / JGP		JGN / JGQ		JG / JGA		JGR	JGJ
Stroke	3.5	3.0	3.5	3.0	3.5	3.0	4.25	3.5
RPM	1,500	1,800	1,500	1,800	1,500	1,800	1,200	1,800
HP / Throw	85		126	140	126	140	215	310
Rod Load (lbs)	/							
• Total	12,000		18,000 / 20,000			32,000		42,000
• Tension	6,000		9,000 / 10,000			16,000		21,000
• Compression	7,000		10,000 / 11,000			20,000		23,000
Main Diameter	3.250					4.125		
Crankshaft	Forged Steel							
Connecting Rod	Ductile Iron		Forged Steel					
Crosshead	Gray Iron		Ductile Iron					
Crosshead Bushing	N/A		Bronze					
CRod Length	8.250					10.250		
Rod Diameter	1.125					1.500		
Frame Use	Same			Same		Same		

	JGH	JGE	JGK / JGT		KBK / KBT		JGC / JGD / JGF			KBZ / KBU		KBV / KBB	
Stroke (in)	4.5	4.5	5.5	4.5	6.0	5.0	6.5	5.5	5.0	6.75	5.75	8.5	7.25
RPM	1,200	1,500	1,200	1,500	1,200	1,500	1,000	1,200	1,400	1,000	1,200	750	900
HP / Throw	340	535	635	650	920		1,035			1,300		1,667	
Rod Load (lbs)	/												
• Total	48,000	60,000	74,000		92,000		114,000			150,000		190,000	
• Tension	24,000	30,000	37,000		46,000		57,000			75,000		95,000	
• Compression	30,000	32,000	40,000		50,000		60,000			80,000		100,000	
Main Diameter	5.625						7.125			8.0		9.125	
Crankshaft	Forged Steel												
Connecting Rod	Ductile Iron	Forged Steel											
Crosshead	Gray Iron	Ductile Iron											
Crosshead Bushing	N/A	Bronze											
CRod Length	13.750						17.000			18.500		23.000	
Rod Diameter	2.000						2.500			2.875		3.125	
Frame Use	Same				Same		Same			Same		Same	