



## COMPRESSOR DATA CARD

### SUPPORT

North America:

**1 (888) 397-7766**

International:

**1 (740) 397-3602**

Fax:

1 (740) 397-3856

[www.arielcorp.com](http://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		

	KBE	KBK / KBT		KBC / KBD / KBF			KBZ / KBU		KBV / KBB	
Stroke (in)	5.0	6.0	5.0	7.0	6.0	5.0	6.75	5.75	8.5	7.25
RPM	1,400	1,200	1,500	1,000	1,200	1,400	1,000	1,200	750	900
HP / Throw	670	920		1,200			1,300		1,667	
Rod Load (lbs)	/ / / / / / / / / / / /									
• Total	74,000	92,000		132,000			150,000		190,000	
• Tension	37,000	46,000		66,000			75,000		95,000	
• Compression	40,000	50,000		69,000			80,000		100,000	
Main Diameter	5.625			7.125			8.0		9.125	
Crankshaft	Forged Steel									
Connecting Rod	Forged Steel									
Crosshead	Ductile Iron									
Crosshead Bushing	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	