



## COMPRESSOR DATA CARD

### SUPPORT

North America:

**1 (888) 397-7766**

International:

**1 (740) 397-3602**

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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	1,500	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	13.75		17	18.5	23
Rod Diameter	2.0		2.5	2.875	3.125
Frame Use	Same		Same	Same	Same