COMPRESSOR DATA CARD

SUPPORT

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1 (888) 397-7766

International:

1 (740) 397-3602

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1 (740) 397-3856

www.arielcorp.com

IMPERIAL

*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	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	

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	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	