



COMPRESSOR DATA CARD

SUPPORT

North America:

1 (888) 397-7766

International:

1 (740) 397-3602

Fax:

1 (740) 397-3856

www.arielcorp.com



*Measurements in millimeters
unless stated otherwise

	JGM / JGP		JGN / JGQ		JG / JGA		JGR	JGJ
Stroke	89	76	89	76	89	76	108	89
RPM	1,500	1,800	1,500	1,800	1,500	1,800	1,200	1,800
kW / Throw	63		94	104	94	104	160	231
Rod Load (kN)	/							
• Total	53.4		80.1 / 89.0			142		187
• Tension	26.7		40.0 / 44.5			71		93
• Compression	31.1		44.5 / 48.9			89		102
Main Diameter	83						105	
Crankshaft	Forged Steel							
Connecting Rod	Ductile Iron		Forged Steel					
Crosshead	Gray Iron		Ductile Iron					
Crosshead Bushing	N/A		Bronze					
CRod Length	210						260	
Rod Diameter	29						38	
Frame Use	Same				Same		Same	

	JGH	JGE	JGK / JGT	KBK / KBT	JGC / JGD / JGF	KBZ / KBU	KBV / KBB						
Stroke	114	114	140	114	152	127	165	140	127	171	146	216	184
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
Kw / Throw	254	399	474	485	686		772			969		1,243	
Rod Load (kN)	/ / / / / / / / / / / / / / /												
• Total	214	267	329		410		507			667		845	
• Tension	107	133	165		205		254			334		423	
• Compression	133	142	178		223		267			356		445	
Main Diameter	143						181			203		232	
Crankshaft	Forged Steel												
Connecting Rod	Ductile Iron	Forged Steel											
Crosshead	Gray Iron	Ductile Iron											
Crosshead Bushing	N/A	Bronze											
CRod Length	349						432			470		584	
Rod Diameter	51						64			73		79	
Frame Use	Same				Same		Same			Same		Same	