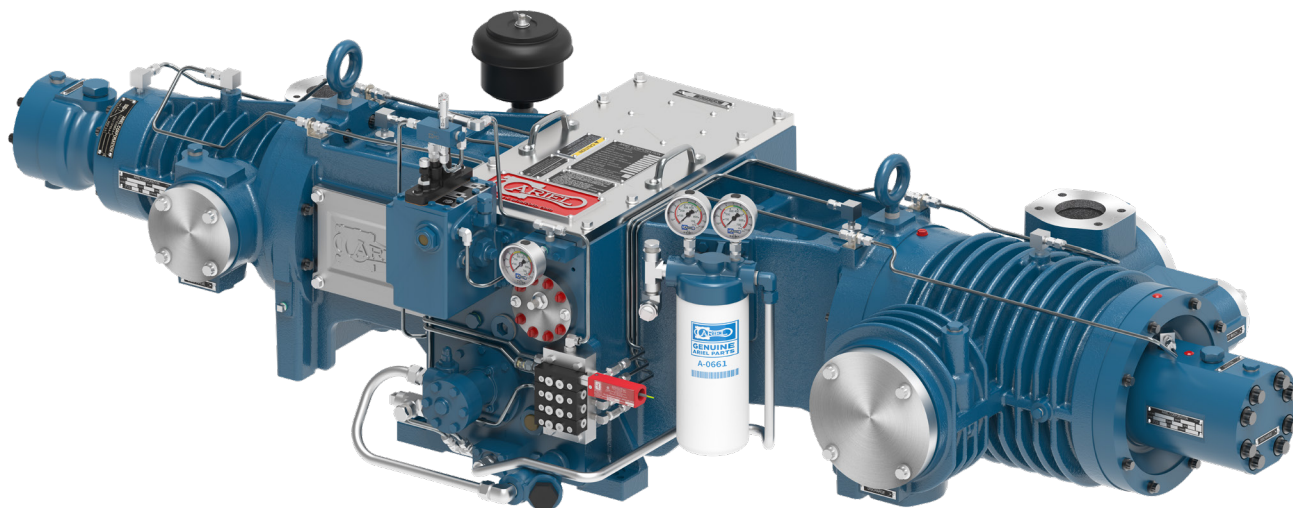


ARIEL CORPORATION

KB100



WORLD STANDARD
COMPRESSORS



	KB100
Number of Throws	2
Rated Power (BHP)	100
Rated Power (kW)	74.5
Stroke (in)	3
Stroke (mm)	76.2
Maximum RPM	1,800
Piston Speed (FPM)	900
Piston Speed (m/s)	4.6
Total Rod Load (lbs)	11,400
Total Rod Load (N)	50,710
Rod Load Tension (lbs)	5,700
Rod Load Tension (N)	25,355
Rod Load Compression (lbs)	6,700
Rod Load Compression (N)	29,803
Rod Diameter (in)	1.125
Rod Diameter (mm)	28.6
Crankshaft Centerline, from bottom (in)	9.25
Crankshaft Centerline, from bottom (mm)	235