



JGR:JGJ Frames

ARIEL balanced/opposed, multi cylinder, gas compressor arranged for clockwise rotation when facing the drive end of the compressor (standing on the driver looking at the compressor). Designed for operation with appropriate engine, electric motor, turbine or other prime mover. Includes the following standard equipment:

- Heavy-duty, horizontal balanced/opposed, moisture and dust-proof compressor frame
- Forged steel crankshaft
- Precision insert tri-metal bearings
- Strong, H-beam design forged steel connecting rods
- Short close coupled guide standard. Short two compartment distance piece is available as an option. Long two compartment (Ariel design) distance piece, is available for JGW frames with 8-7/8W or R cylinders.
- Full floating, vented rod and wiper packings
- Lubricating oil pump with system relief valve for full pressure lubrication to bearings and crossheads. (See [Frame Lube Oil System](#))
- Manual lube oil priming pump is available as an option
- Frame mounted full-flow lube oil filter with inlet and outlet pressure gauges
- Lube oil strainer and [stainless steel lube oil tubing with plated steel fittings](#)
- Crankcase oil breather
- Oil level sightglass
- Force-feed lubricator pump(s) with block distribution system, cycle indicator / and no-flow shutdown(s), and [stainless steel tubing with plated steel fittings](#) for cylinders and packing. (See [Compressor Cylinder Lube Oil System](#))
- Special wrenches and tools
- Instruction manual and parts lists in electronic format
- Mechanical run test with cylinders mounted

For cylinder information refer to [R, RJ Cylinders](#).