



by Gardner Denver

LRG9-DP SERIES

## Reciprocating Compressor

### Benefits

The LeROI LRG9-DP non-lubricated reciprocating compressors are very cost-effective for handling gas in field gathering, vapor recovery, gas to pipeline sales to 1,500 PSIG and other applications. The LRG9-DP compressor comes with a true distance piece, packing case and a 3-seal design standard. The compressor is available in a 35 and 55 horsepower frame with non-lubricated cylinders. The LeROI LRG9 doesn't restrict you to fixed cylinder configurations. We offer 12 cylinder sizes from 1.50" to 8.50" for unmatched flexibility in a belt-driven compressor.

### Performance

|                          |                                    |
|--------------------------|------------------------------------|
| Brake Horsepower         | 55 Max.                            |
| Flow (MSCFD)             | 1,000 Max. @ Std. Inlet Conditions |
| Inlet Pressure           | Vacuum to 1,200 PSIG Max.          |
| Discharge Pressures      | 1,500 PSIG (MAWP)                  |
| Speed Range              | 560-1,200 RPM                      |
| Rod Loads                | 6,000 lbs. Max.                    |
| Rotation                 | CW or CCW                          |
| Frame Lubrication        | Pump with Spin-on Filter           |
| Cylinders                | Non-Lubricated                     |
| Suction Valve Un-Loaders | Available Upon Request             |

### Features

The LRG9-DP can be configured as a single stage compressor with 1, 2, or 3 cylinders, 2-stage compressor with 2 or 3 cylinders and a 3-stage with 3 cylinders. There are two standard packing case designs available. Vac-100 PSIG cylinder flange suction pressure and a 50-800 PSIG cylinder flange suction pressure. The valves and piston rings are Hoerbiger designs. The piston rings are a two-piece design and the valves are non-metallic and tailored to optimize valve life and performance based on customer supplied conditions. The cylinder heads include two 1/2" FNPT ports for temperature and or pressure measurements. In addition, the cylinder heads include two discharge ports and are reversible for packaging flexibility. The compressor can be configured for future cylinder additions or fixed reduce cylinder number designs. The LRG9-DP is non-lubricated and ideal for wet gas streams and eliminates the need for a crankcase oil make-up system. The lube oil system comes with a spin-on filter and doesn't require additional cooling.



The **leader** in every market we serve  
by continuously improving all business processes  
with a focus on **innovation and velocity**

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Denver®**

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LeROI Gas Compressors by Gardner Denver policy is one of continuous improvement and we therefore reserve the right to alter specifications and prices without prior notice. All products are sold subject to the Company's conditions of sale.

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