

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 ½" 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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