

RIX 2J SERIES

OIL-FREE OR OIL-LUBRICATED GAS COMPRESSORS FOR HIGH-PRESSURE SERVICE TO 7,000 PSIG

RIX INDUSTRIES STANDARD AND CUSTOM- DESIGNED COMPRESSORS FEATURE:

- Single or Multi-Stage Compression
- Low Piston Speeds
- Continuous Duty
- Water Cooling
- Crosshead Construction
- Pressure-Lube Crankcase
- Smooth, Quiet Operation
- Compact, Easy to Maintain Design

RIX 2JS compressors feature heavy-duty crosshead construction with two vertical, in-line cylinders and full water cooling. The guide cylinders and distance piece are cast into the crankcase for strength and rigidity. RIX model 2JJS is fabricated with heavier components and has an optional center main bearing for additional horsepower and rod load capacity.

CONSTRUCTION

Crankcase: Pressure lubricated with shaft-mounted Gerotor oil pump and full flow oil filter.

Bearings: Spherical roller end bearing. Sleeve type center main and connecting rod bearings. Bronze wrist pin bushings; needle bearings optional.

Distance Pieces: Extra-long; dual compartment and metallicslingers available.

COMPRESSION AREA

Typical Oil-Free Units

Cylinders: Iron or bronze castings with stainless liners as required. Machined steel for high pressure with wet or dry iron or stainless liners.

Piston Rings and Packings: A wide selection of designs and materials are available from reputable manufacturers. High-pressure stages (over 1100 psig) commonly use floating pistons for maximum sealing, long life and quick replacement.

Packing Boxes: Vented and/or purged packings available.

Piston Rods: Stainless steel or tungsten coated for long life.

Valves: Stainless steel plate type used for low to medium pressure; poppet type for high pressure.

SPECIFICATIONS

Horsepower Range:

2JS to 150 BHP
2JJS to 250 BHP

Displacement:

Up to 360 CFM (2-3 Stage)
Up to 180 CFM (4 Stage)

Cylinders:

1 to 4 Stages
Diameters from
 $\frac{7}{8}$ " to $10\frac{1}{2}$ "

Stroke:

5 inches

Speed:

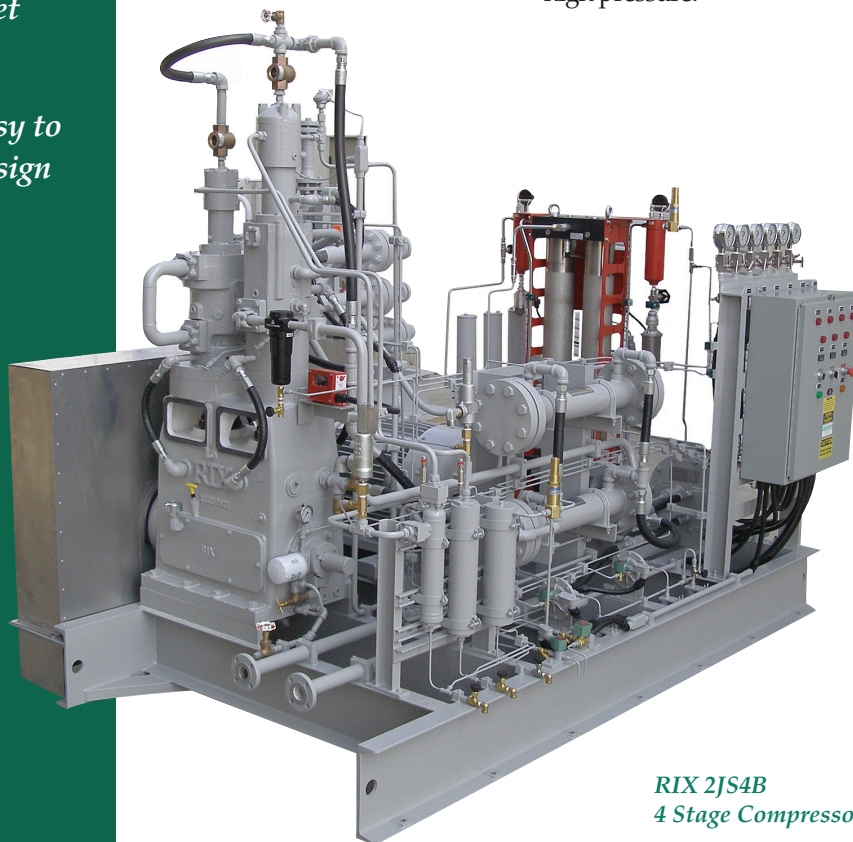
250 – 720 RPM

Typical Gases:

Oxygen, Hydrogen,
Nitrogen, Argon, Helium,
Natural Gas, Breathing Air

PACKAGING

Turn-key packaging is a standard practice at RIX Industries. Customer defined heat exchangers, pulsation tanks and control systems are easily incorporated into RIX package designs. RIX offers API-618 variances for refinery type applications.



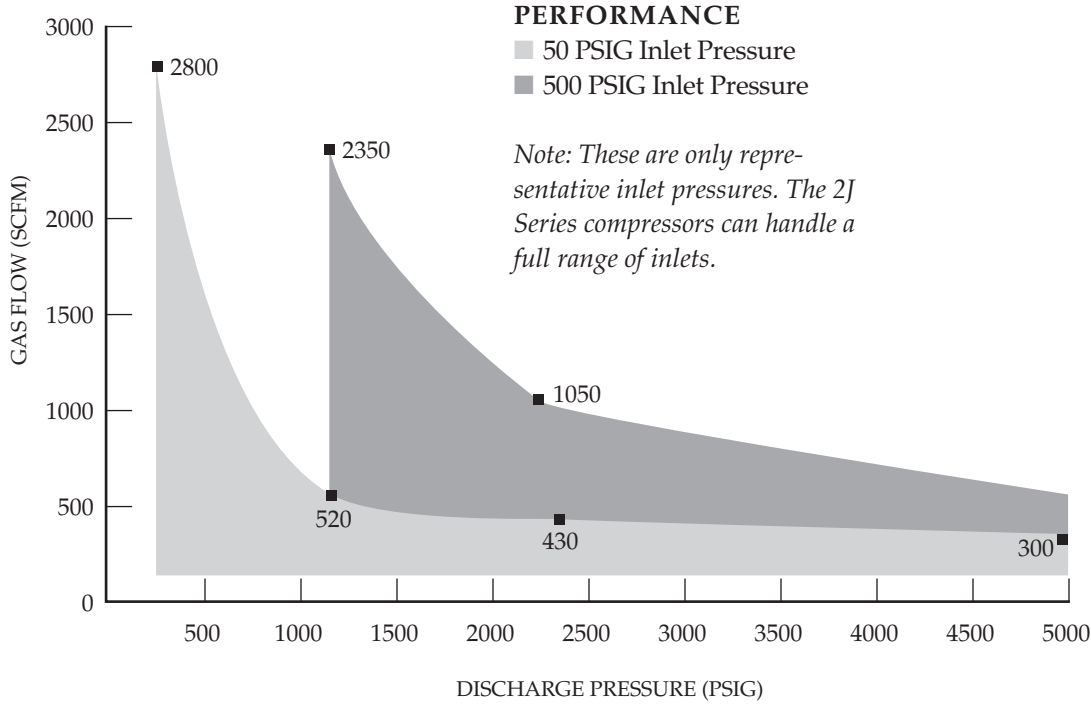
RIX 2JS4B
4 Stage Compressor



I N D U S T R I E S

RIX INDUSTRIES
4900 Industrial Way
Benicia, CA 94510 USA
707-747-5900 Phone
707-747-9200 Fax
www.rixindustries.com
ISO 9001 CERTIFIED

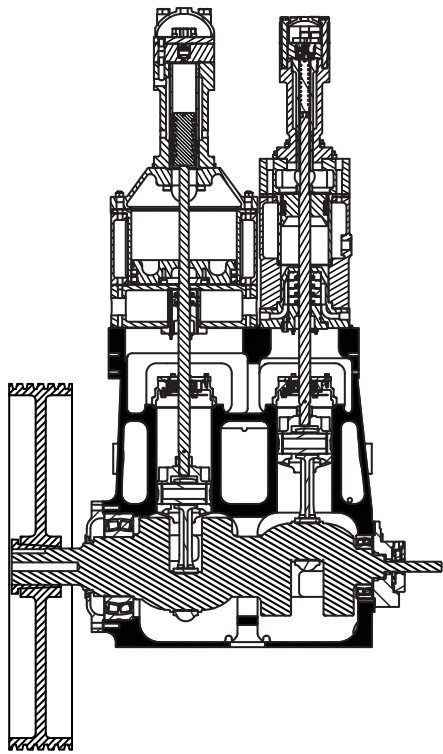
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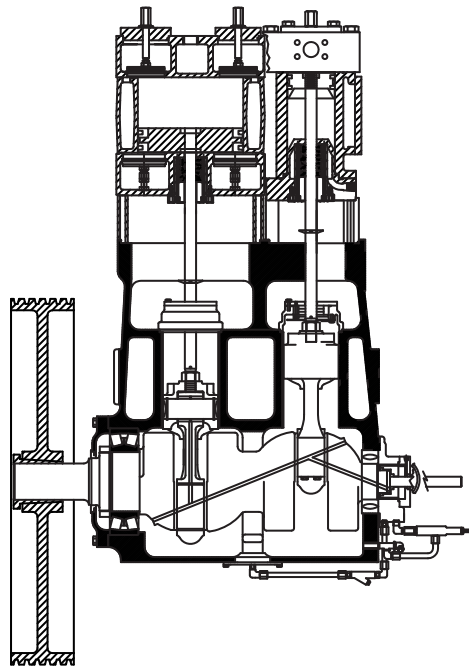
CUSTOM DESIGNS

RIX can provide custom engineering services to produce compressors that exactly meet your specifications. RIX's engineers are experienced with a wide variety of materials, manufacturing processes, and alternative configurations. We can help you develop the optimum system design for your application.

Please call us to discuss any compressor or compression system questions you might have.



2JS4
Four-Stage Compressor
Single-Acting Cylinders



2JS2
Two-Stage Compressor
Double-Acting Cylinders

Please call for typical layout drawings with motor, controls and accessories.

AVAILABLE FROM:



INDUSTRIES

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707-747-9200 Fax
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