
CP VALVES IN ARIEL COMPRESSORS



WORLD STANDARD
COMPRESSORS

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- Based on operating experience and compressor performance improvements, Ariel has decided to expand the use of CP / CPs valve products across the cylinder line-up.
- R&D and field experience have proven to significantly increase reliability and efficiency compared to traditional plate valves.

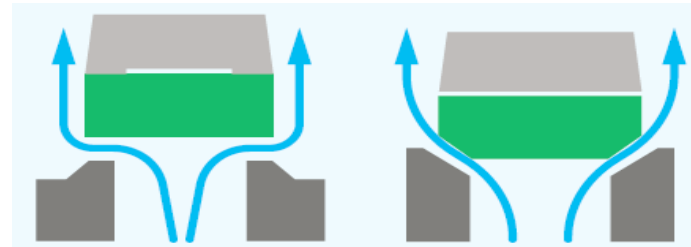


CP/CPS VALVE ADVANTAGES



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- Increased reliability
- Greater efficiency
- Lower cost of operation
- Simplified inventory management



PHYSICAL FEATURES CP



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- Aerodynamic profiled seat and plate
- Durable carbon filled PEEK plate
- Greater flow area than CT
- Lower standard lift than CT
- Significantly reduced stiction
- Robust springs
- Spring Savers



PHYSICAL FEATURES CPS



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- Aerodynamic profiled seat and plate
- Durable carbon filled PEEK plate
- Greater flow area than CRE
- Lower standard lift than CRE
- Significantly reduced stiction
- Redesigned spring plates
- Cushion plate

EXPERIENCE



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- Ariel has shipped over 10,000 CP/CPs valves.
- Ariel has been shipping 72CPs valves as standard in select cylinders since January 2014.
- Over 1,000 valves tested in the field.

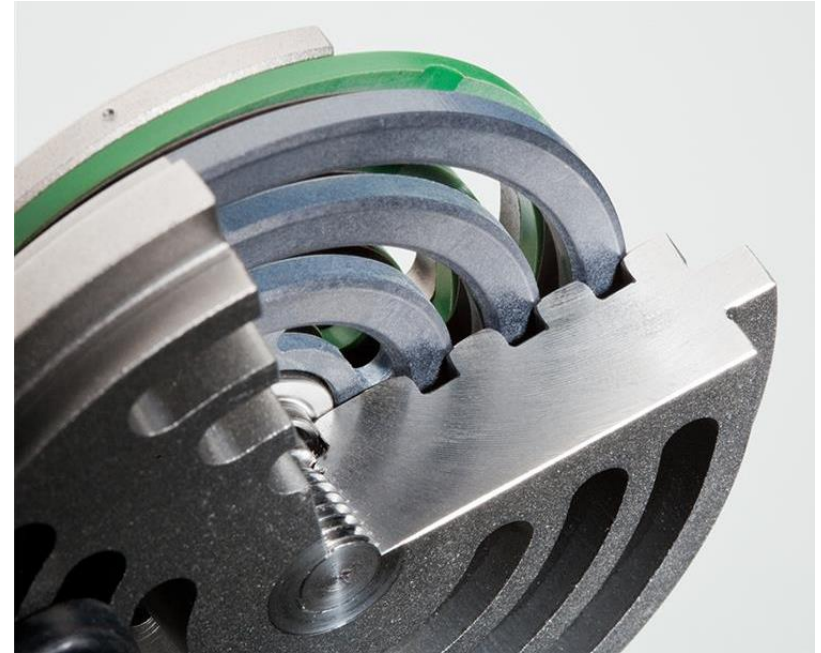


THE NEW STANDARD



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- Multi year project to make standard in all cylinders
- 25% of valves shipped are standard now
- We are looking forward to the benefits that CP valves offer



QUESTIONS?



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