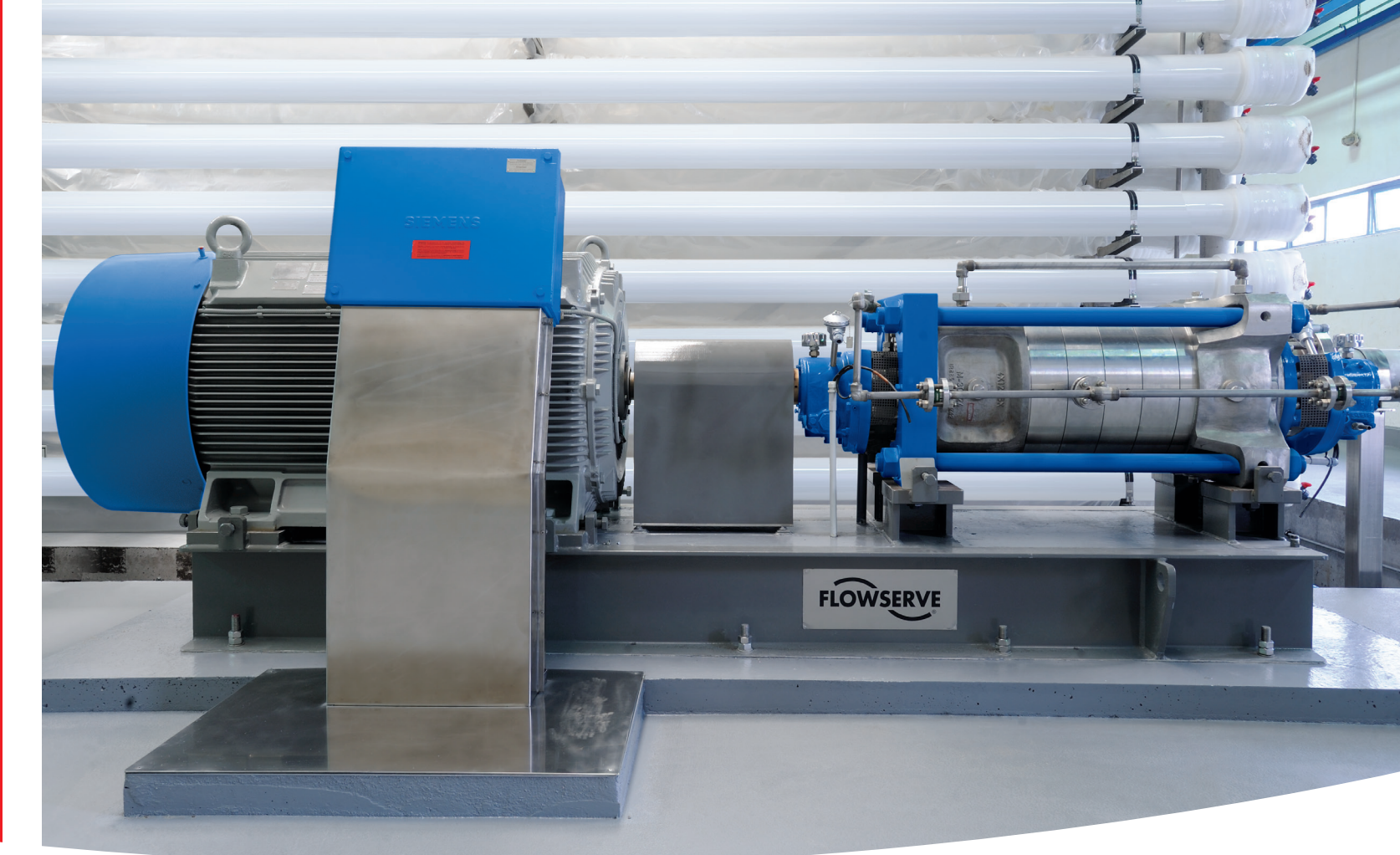




CSX

Multistage, Ring Section, Feed Pump for Reverse Osmosis Desalination



Symmetrical Suction and Discharge Heads

Pump nozzles may be rotated and positioned to suit a variety of piping layouts.

Precision Cast Impellers

Dynamically balanced impellers achieve an assembled rotor balance grade of G2.5.

Renewable Case Wear Rings

Clearances are easily re-set to maintain high-efficiency operation and low life cycle costs.

Precision Cast Diffuser and Channel Rings

Smooth and continuous fluid passage maintains efficiency and helps to balance radial loads.

Self-Compensating Balancing Device

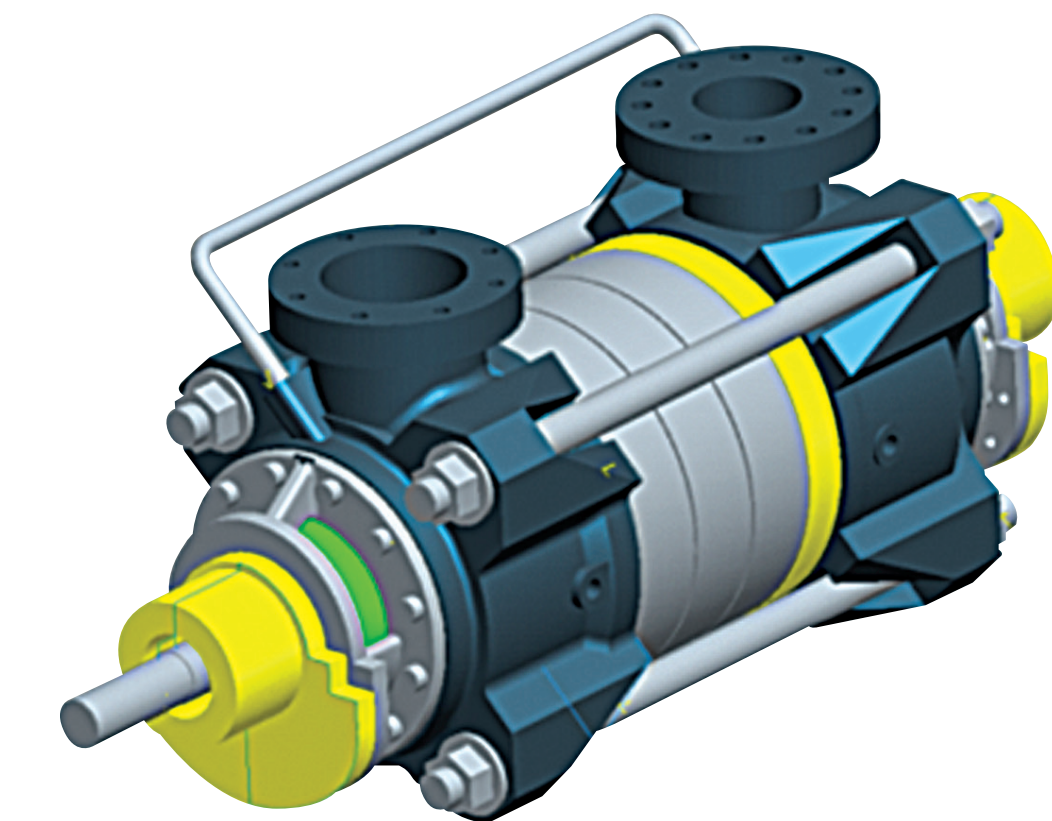
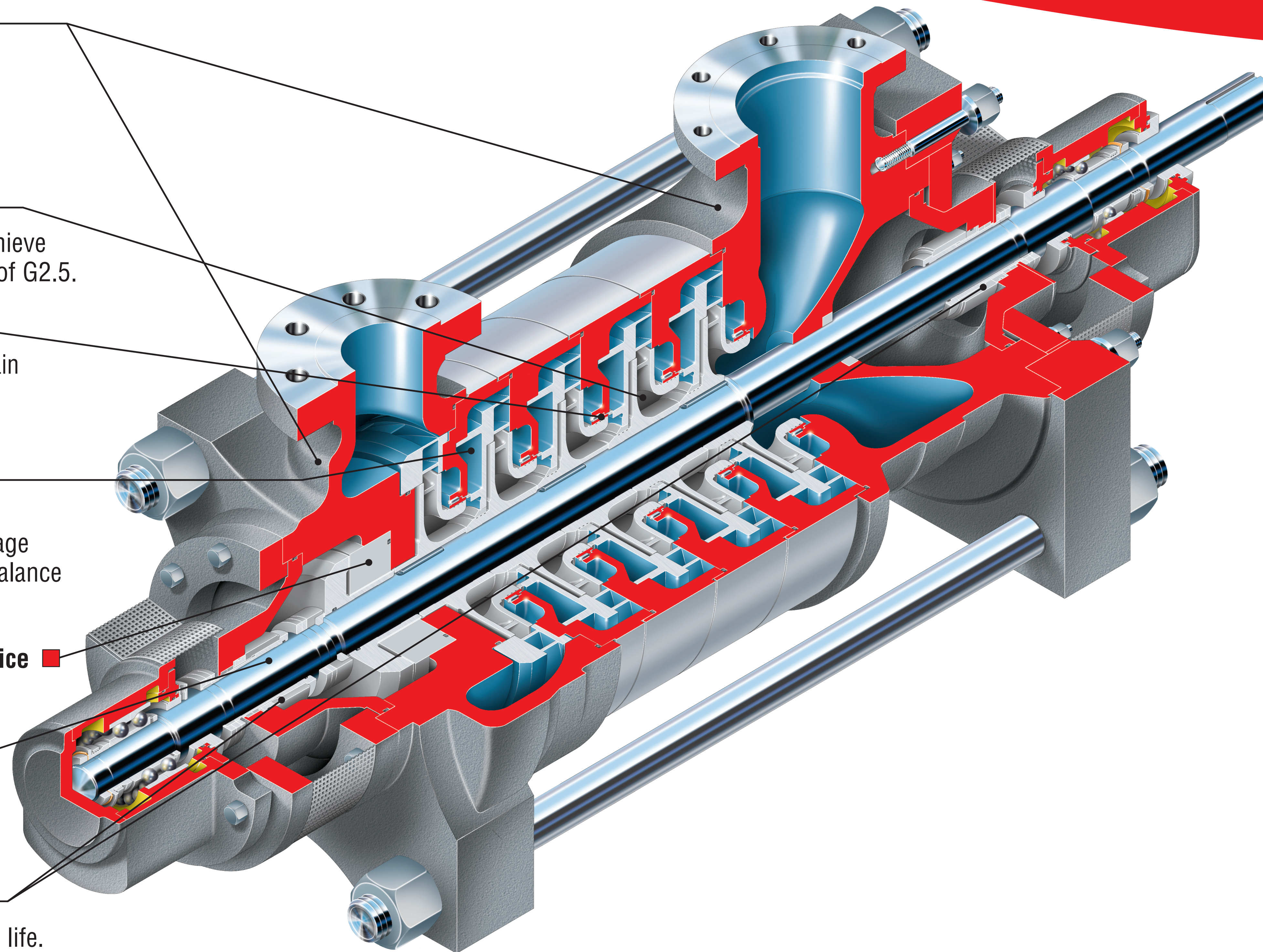
Residual axial thrust is eliminated.

Generously Proportioned Shaft

Deflection is minimized, thereby increasing bearing and mechanical seal life.

Mechanical Seal Chambers

Optimal environment prolongs seal life.



FEA-Developed Hydraulics

Advanced hydraulics and high-end efficiency impellers keep costs down and energy consumption low. The optimized component designs minimize wetted fasteners and prolong operating life.



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FPD-1466 (E) Printed in USA, April 2011
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