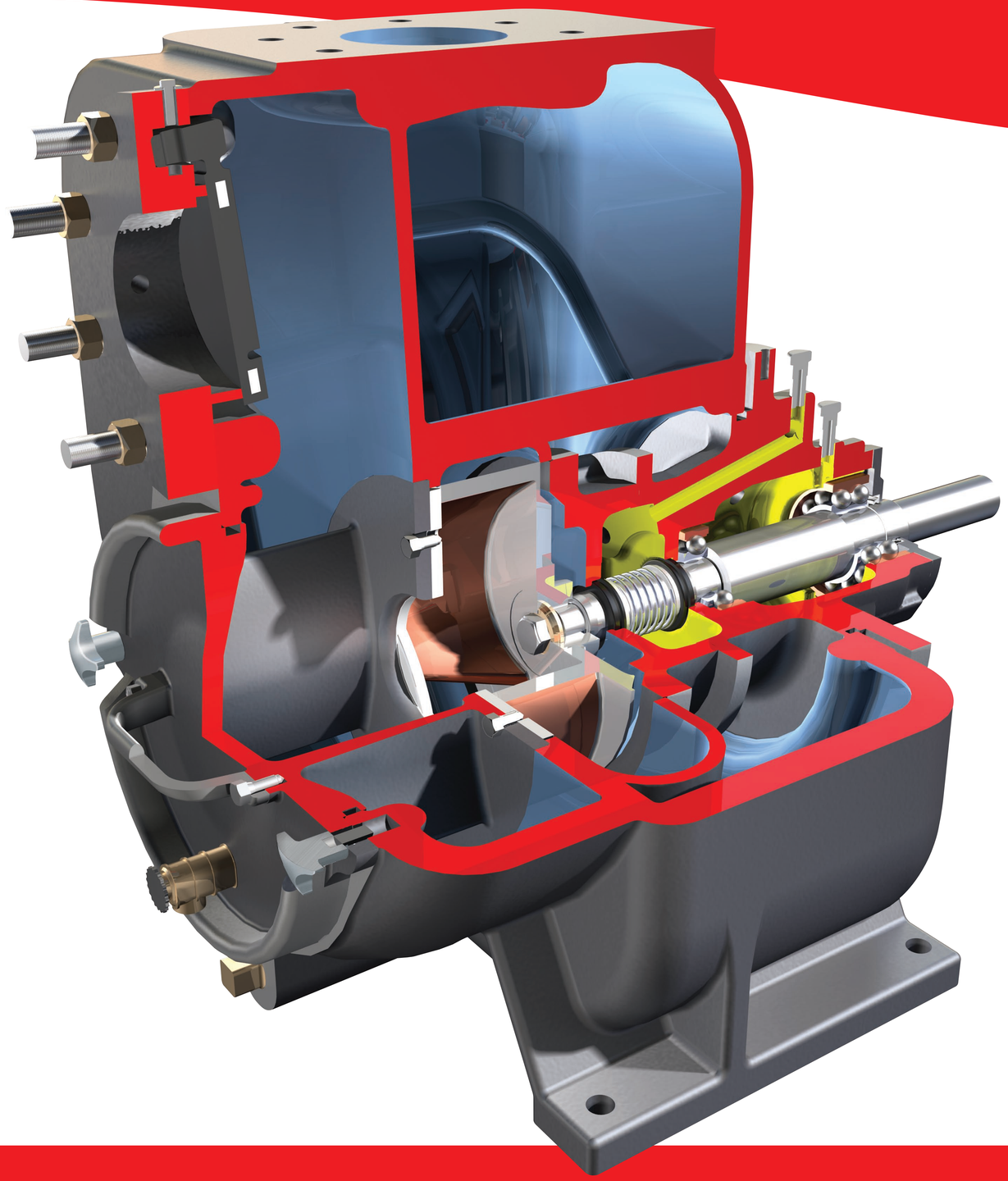
MPT Self-Priming, Solids-Handling Pump





Solids-Handling Impeller

Two-vane, semi-open, solids-handling impeller is fully balanced and able to pass solids up to 75 mm (3 in). Back pump-out vanes reduce axial loads for increased seal and bearing life.

Optimum Pump Efficiency

External impeller adjustment via four bushings allows clearances to be accurately reset, thereby restoring optimum performance.

Ease of Maintenance

- *Back pull-out design includes a replaceable seal housing, which facilitates maintenance without disturbing the piping.*
- *Quick-disconnect cover plate fitted with a pressure relief valve exposes reversible wear plate and permits removal of blockages.*



Robust Shaft Sealing Technology

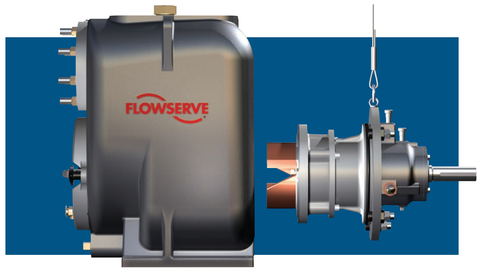
Abrasion-resistant, double mechanical seal with silicon carbide faces prevents liquid and grit from entering the seal chamber. Oil lubrication standard.

Rugged Bearings

Bearings are oil-lubricated, heavy-duty single row deep groove and angular contact double row type for radial and thrust loads, respectively. The housing is equipped with lip seal, eyebolt, oil breather cap and sight glasses.

Additional Features

- *Extra large diameter, 17-4PH SS shaft*
- *Solid one-piece flap valve*
- *Optional CD4MCuN impeller, seal plate and wear plate*
- *Five sizes: 2 in through 8 in discharge*
- *Flows to 550 m^3/h (2400 gpm)*
- *Heads to 45 m (150 ft)*



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