

Available Upgrades for Between Bearings, Axially Split, Multistage Pump

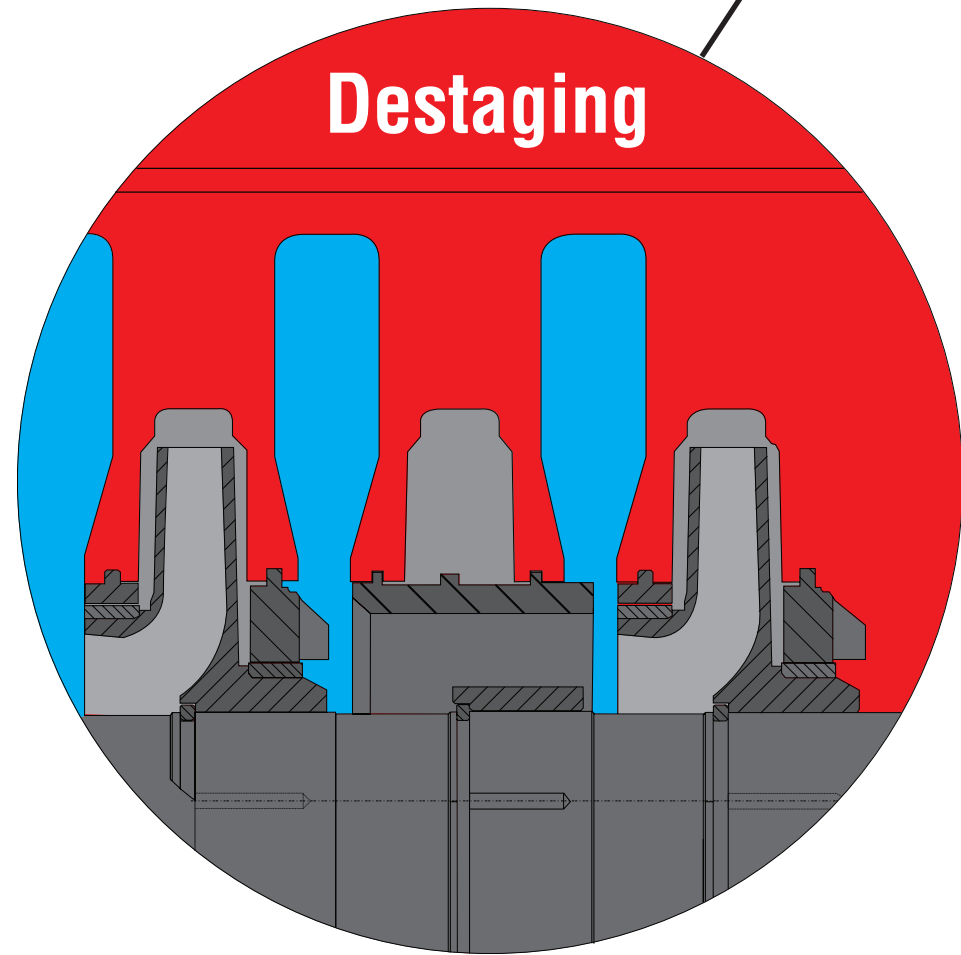
Replace NPT case connections with welded connections for API compliance

Integral impeller wear rings

Optimized wear ring clearances

Sleeves and bushings with dirt grooves and O-ring seals

Destaging



Material upgrades

Larger shaft sizes

Bearing cooling options

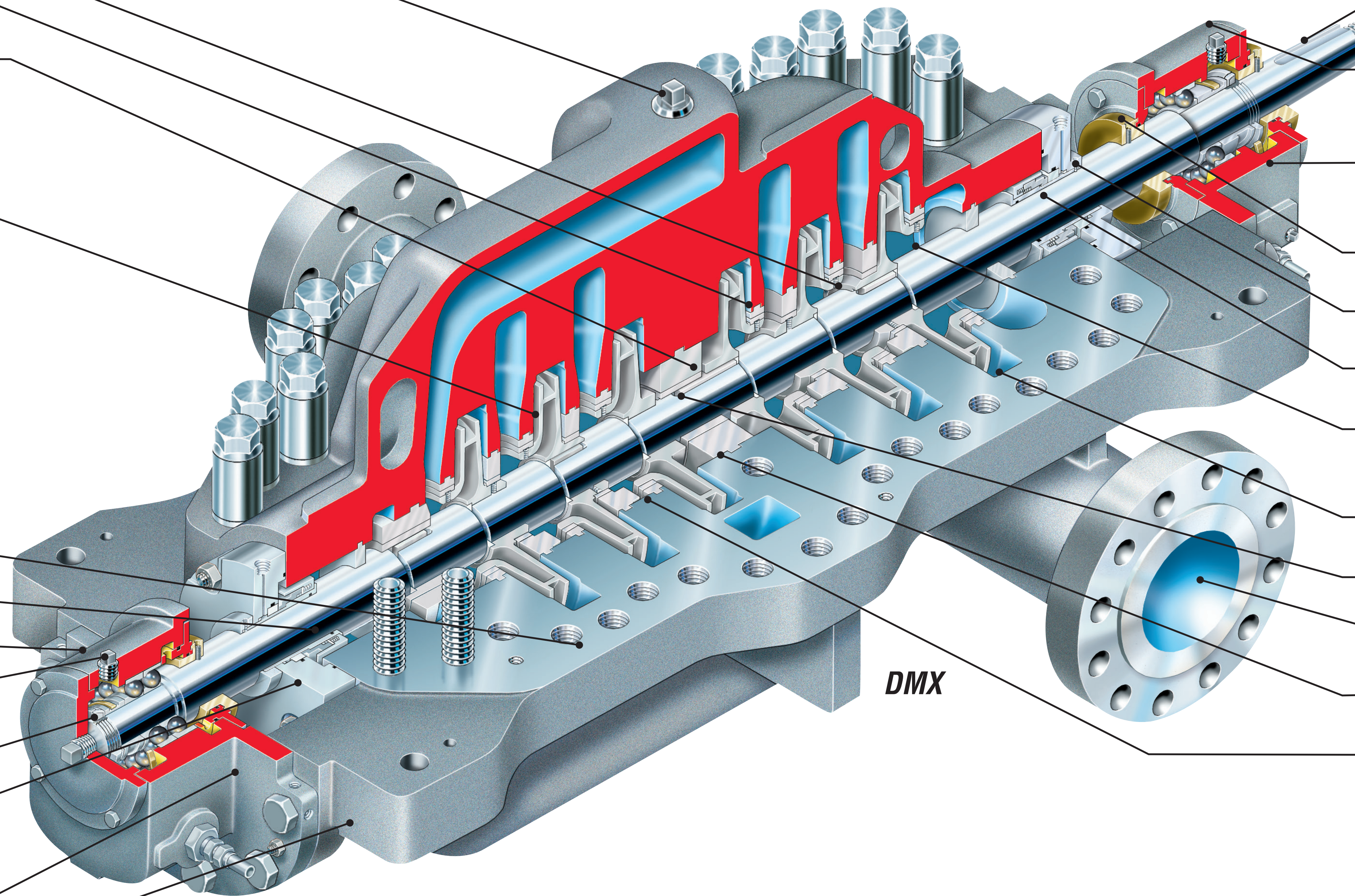
Alternative bearings and lubrication arrangements

Sleeve radial bearings

Gland covers and seal leakage detection system

360° bearing housing mount

Mounting feet gib blocks on pedestals



Coupling upgrade from gear to flexible disc

Vibration and temperature instrumentation

Control, diagnostic and monitoring systems

Bearing isolators

Mechanical seal piping plans

Single, double or tandem seals

Optimize first-stage impeller and material

Optimize "B" gap

Dead-end keyway

Hydraulic re-rate

Sag boring

Wear components materials upgrade, including laser hardened, diffusion spray and non-metallic