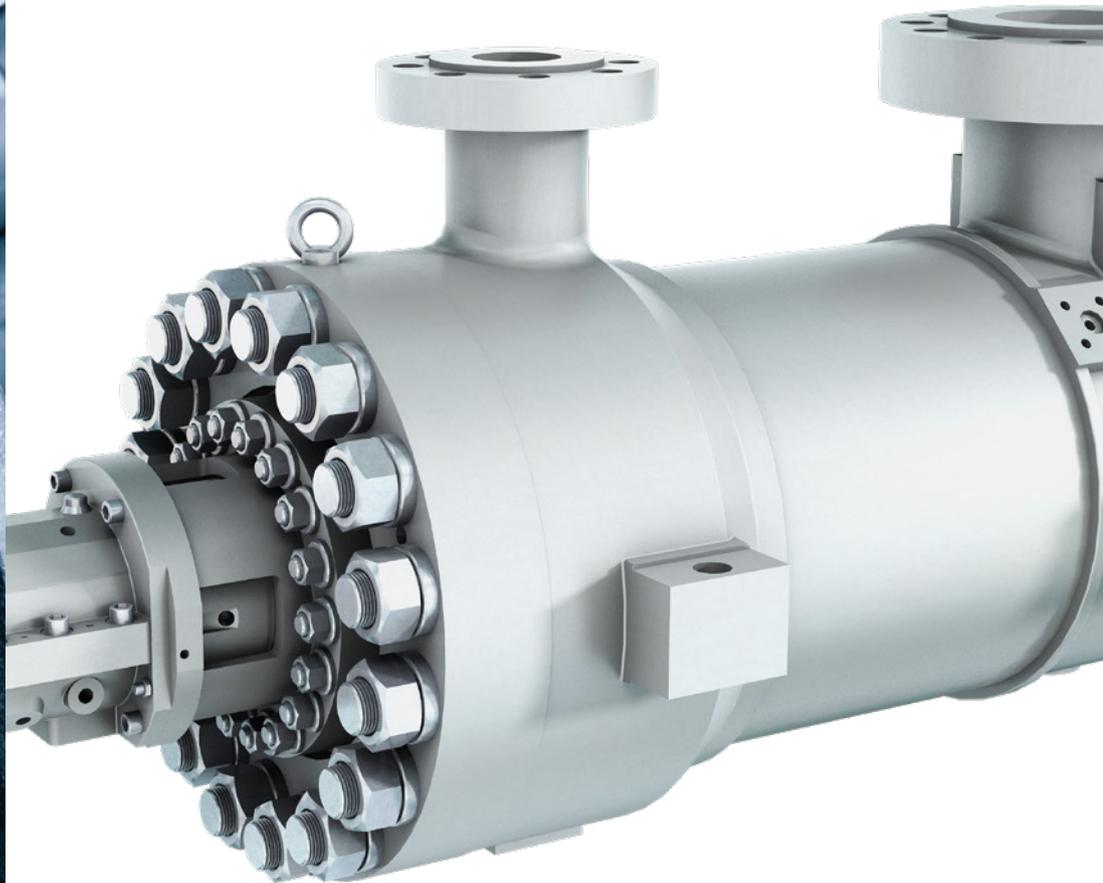


Flow Equipment

# API 610 type BB5 GSG diffuser style barrel pump



# Features and benefits

## GSG inline

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### High head per stage balanced radial loads

- Diffuser design allows replacement/upgrade of individual stage pieces vs. entire inner volute

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### Cartridge design on all but smallest sizes

- Allows bundle to be removed without major disassembly which saves time

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### Multiple bearing types

- Ball radial and 7300 series ball thrust bearings are standard
- Pressure lubricated sleeve/pivot shoe bearings are optional
- Bearing isolators are standard

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### Compact inline design

- Available in low, medium and high-pressure configurations
- Short bearing span and minimized foundation footprint

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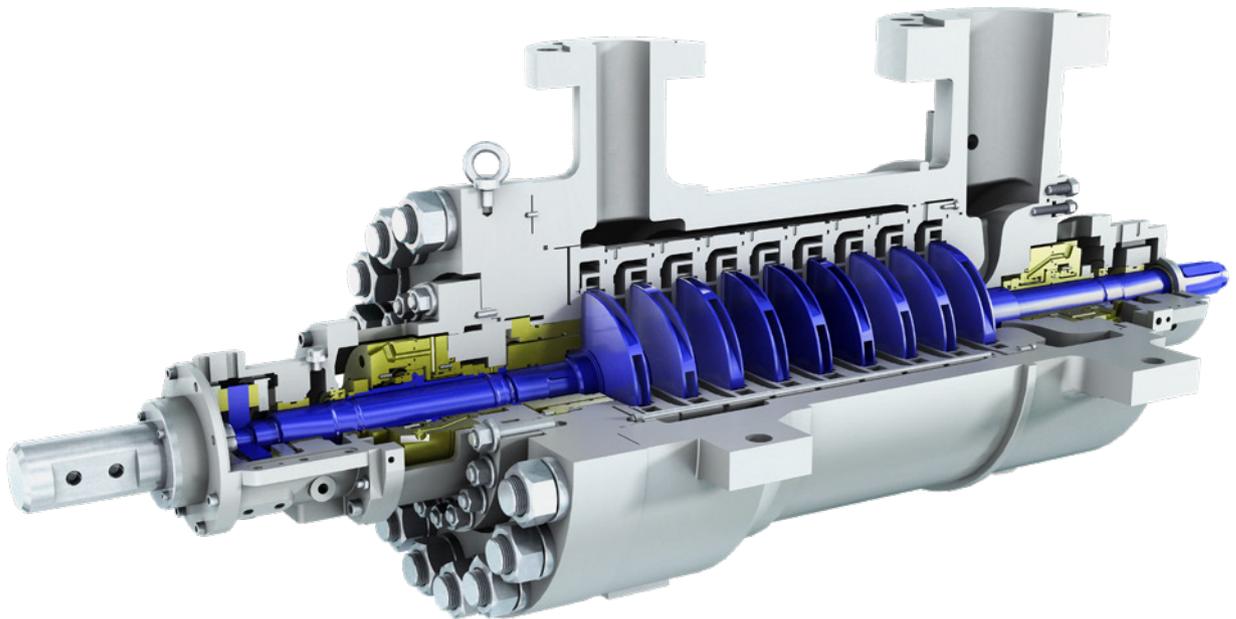
### Dynamically balanced rotor

- For smooth and reliable operation

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### Suction region of pump rated for discharge pressure

- API 610 12th edition ready



# Features and benefits

## GSG back to back

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### Back-to-back rotor design for high head applications

- Provides enhanced rotor support and balanced axial loads even in worn condition

### Barrel closure

- Patented Twistlock cover for fast cartridge changeout on offshore water injection services
- Bolted cover design available for hazardous services

### Swirl brake

- Sulzer proprietary swirl brake technology used ensures stable rotodynamic even on light gravity liquids

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### High pressure casing

- Cast or forged barrel case, optional side-side, side-top nozzles on forged barrel

### Multiple bearing types

- Various bearing configurations including; rolling element, sleeve/ball and sleeve/pivot shoe

### Full cartridge design

- Allows bundle to be removed without major disassembly which saves time

