

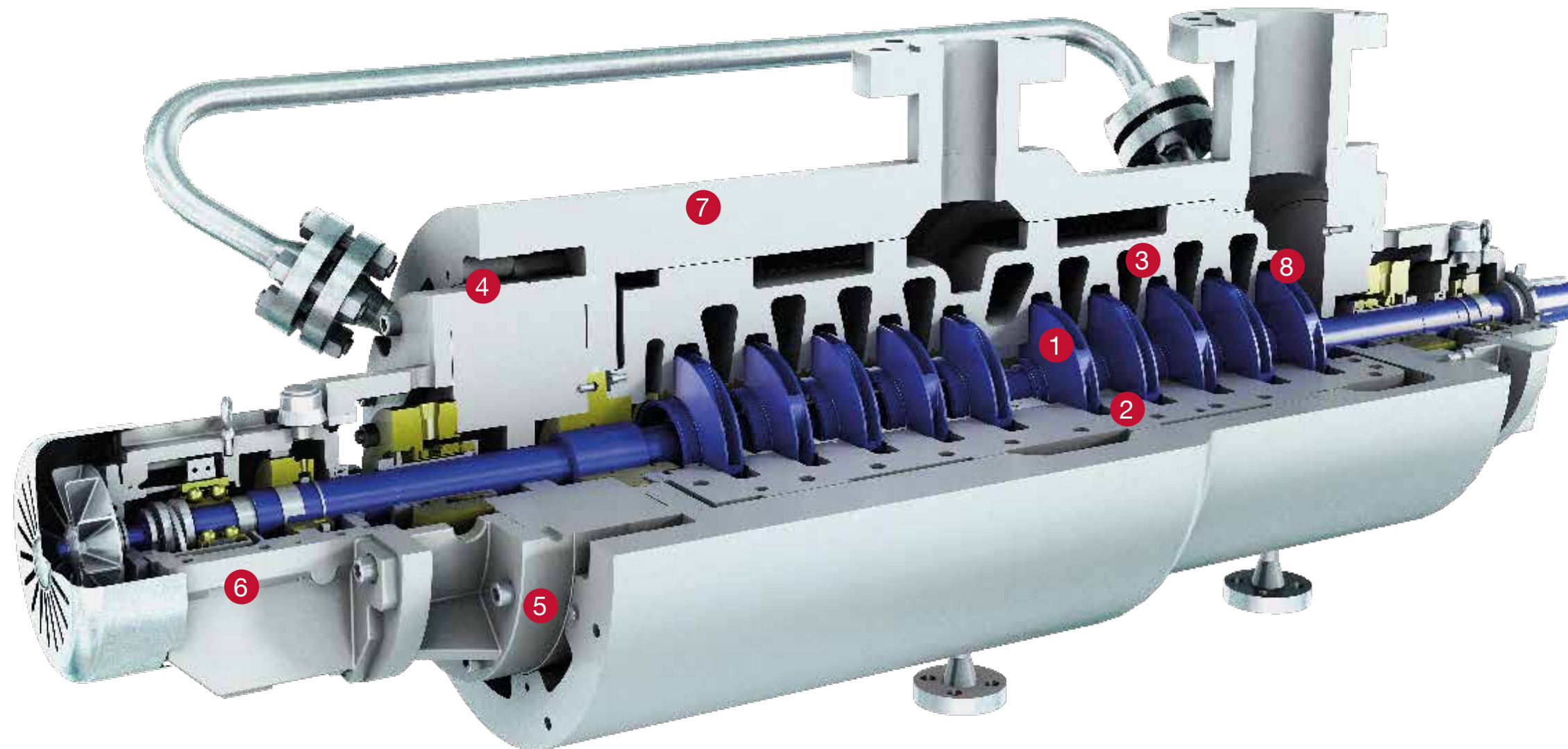
CP Horizontal Radially Split Multistage Barrel Pump



Main Applications

The CP is a BB5 multistage barrel pump suitable for high pressure, high speed and high temperature services requiring reliability and long service life. It is mainly used in the following applications:

- Water injection
- Offshore crude oil shipping
- High pressure pipeline
- Boiler feed
- High pressure safety injection
- Refinery charge
- Ethylene shipping



Features and Benefits

- 1 Opposed impellers**
 - Balance axial loads with no lube system needed on smaller pumps
- 2 Axially split inner case**
 - Rotor balance is not disturbed when installing pump
- 3 Dual volute inner case**
 - Balances radial loads for longer life
- 4 Twistlock barrel construction**
 - Reduces maintenance time on lower temperature services
- 5 Cartridge design with Superbolts™ on larger pumps**
 - Speeds repair with standard tools
- 6 Bearings**
 - Bearing options to suit specific applications: ball/ball, sleeve/ball, or sleeve/pivot shoe
- 7 Barrel**
 - Forged pressure boundary components providing secure containment
- 8 Optional double suction first stage**
 - Reduces Net Positive Suction Head Required (NPSHR)

CP Horizontal Radially Split Multistage Barrel Pump



Oil and gas



Hydrocarbon processing



Power generation



Pulp and paper



General industry



Chemical processing

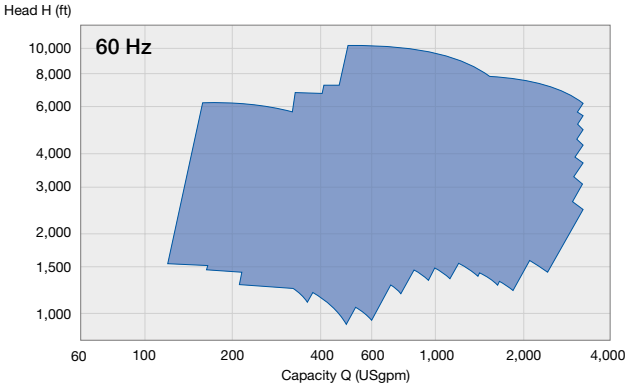
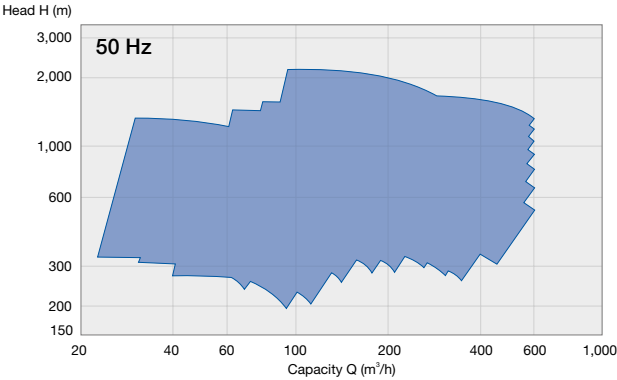


Water and wastewater

Operating data

50 Hz		60 Hz
80 to 250 mm	Pump sizes	3 to 10 in
up to 1,000 m ³ /h	Capacities	up to 4,400 USgpm
up to 7,000 m	Heads	up to 23,000 ft
up to 425 bar	Pressures	up to 6,250 psi
-50 to 425°C	Temperatures	46 to 800°F

Performance ranges



Materials

Material classes	Material
API 610	S-6, S-8, C-6, A-8, D-1, D-2

We Do What We Say

Customer partnership

- We are a **reliable partner**
- We provide a **high level of service**
- We **make our customers more competitive**



Committed people

- We drive **accountability**
- We are **open and transparent**
- We are **team players**



Operational excellence

- We **focus on results**
- We take **initiative** and work within **established processes**
- We **act safely**



A Global Specialist at Your Doorstep

Sulzer serves clients worldwide through a network of over 150 production and service sites and has a strong footprint in emerging markets.



● Sulzer headquarters,
Winterthur, Switzerland



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