

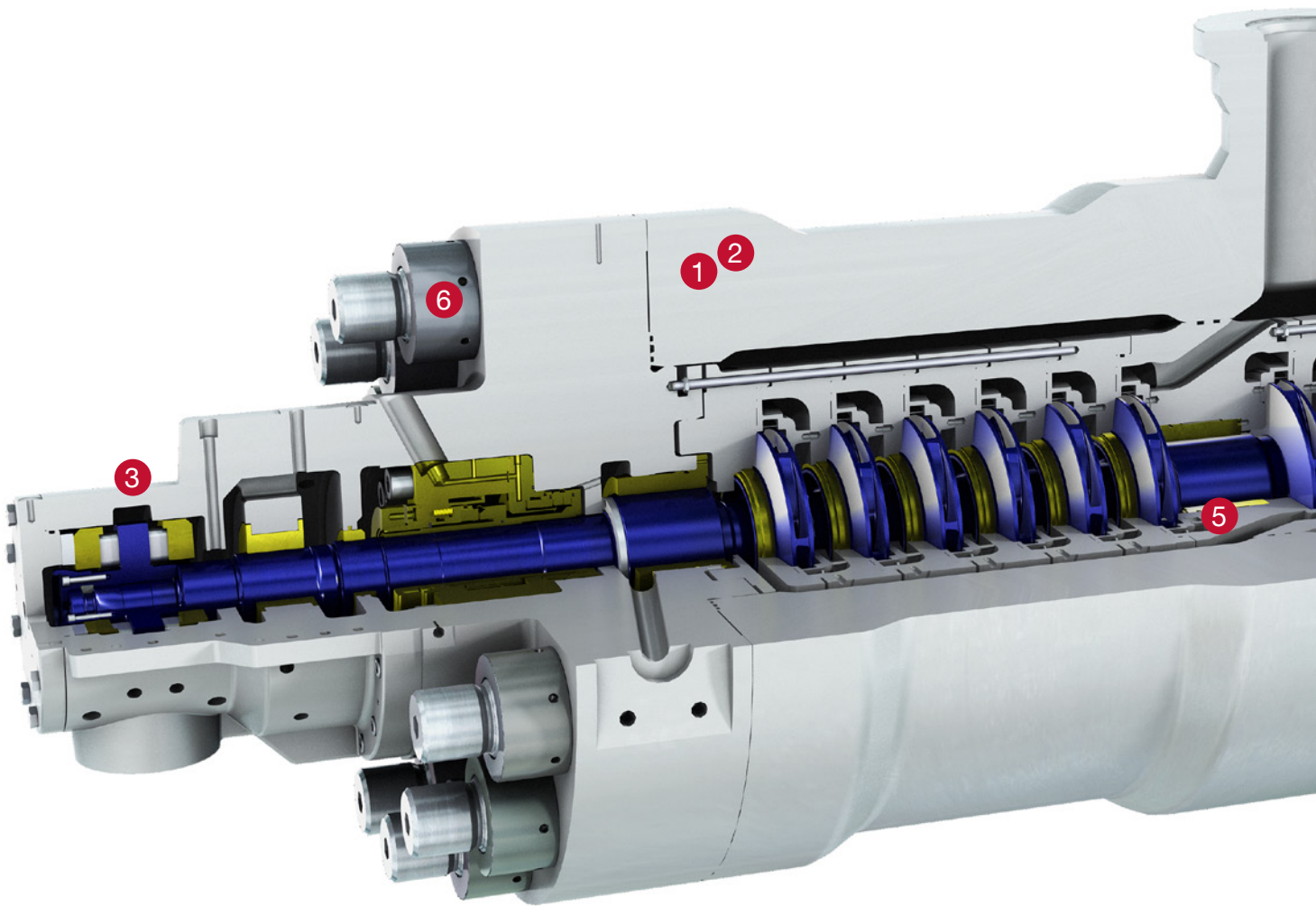
HPcp Barrel Casing Pump



Main Applications

The HPcp are ISO 13709 (API 610) type BB5 barrel pumps used for:

- Seawater and produced water injection
- Offshore crude shipping
- Remote pipeline services



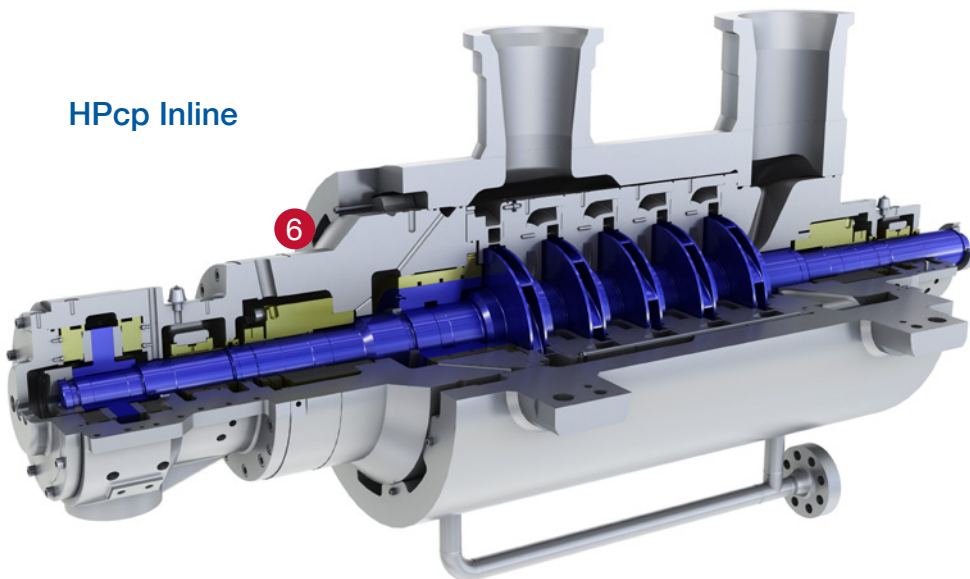
HPcp Back-to-Back

Features and Benefits



- 1 Up to 1,000 bar MAWP**
 - Enhanced ultra deep subsea oil production
- 2 Multiple patents on 1,000 bar design**
 - Allows use of Duplex SS instead of overlaid carbon steel for very high pressure
- 3 Hydraulic fit thrust collar and coupling**
 - Ensures concentricity and perpendicularity for high speed
- 4 Precision impellers and diffusers**
 - Hundreds of hydraulics for long life and low vibration at high energy levels
- 5 Back-to-back rotor construction over 8 stages**
 - Provides enhanced rotor support and balanced axial loads even in worn condition
- 6 Patented twist lock, bolted or SuperNuts™ end cover**
 - Simple and effective closures even at extreme pressures

HPcp Inline



HPcp Barrel Casing Pump



Oil and gas



Hydrocarbon processing



Power generation



Pulp and paper



General industry



Chemical processing

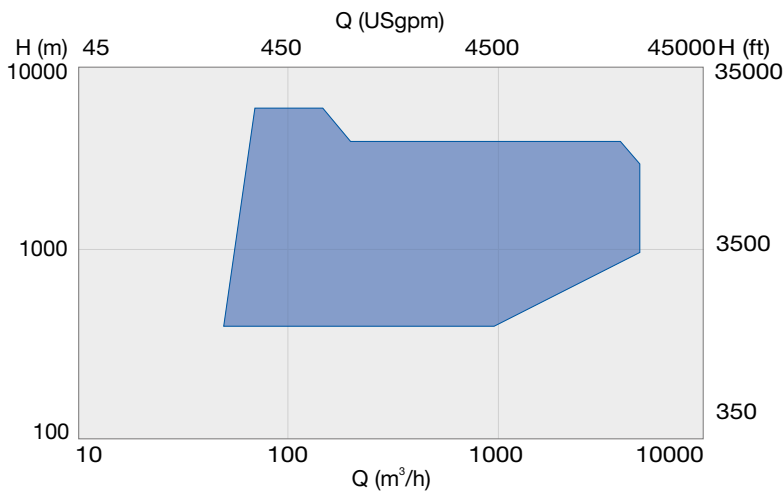


Water and wastewater

Operating data

50 Hz			60 Hz	
up to 550 mm		Pump sizes	up to 22 in	
up to 4,500 m ³ /h		Capacities	up to 20,000 USgpm	
up to 8,000 m		Heads	up to 26,300 ft	
up to 1,100 bar		Pressures	up to 16,000 psi	
up to 200°C		Temperatures	up to 400°F	
up to 8,850 rpm		Speeds	up to 8,850 rpm	

Performance ranges



Materials

Material classes	Material
API 610	S-6, 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



www.sulzer.com

E10177 en 6.2016 (1,000), Copyright © Sulzer Ltd 2016

This brochure is a general presentation. It does not provide any warranty or guarantee of any kind. Please, contact us for a description of the warranties and guarantees offered with our products. Directions for use and safety will be given separately. All information herein is subject to change without notice.