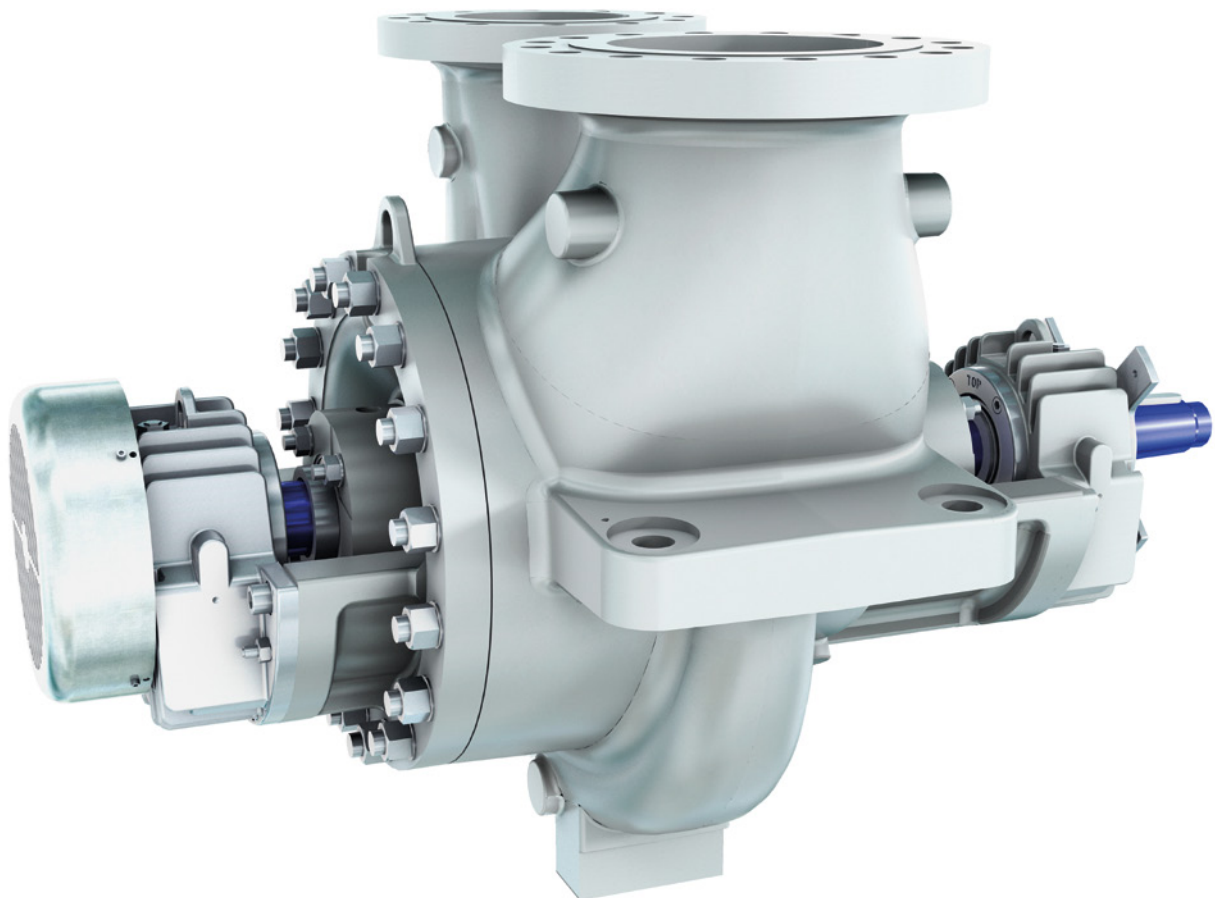


**BBS Double Suction Between Bearing
Single Stage Process Pump
ISO 13709 (API 610) Type BB2**



Main Applications

- Solar power main heat transport
- Refinery charge
- Fractionator bottoms
- Light hydrocarbons
- Amine circulation
- Light coker gas oil
- Carbonate solution
- Ultra low sulfur diesel product
- Heavy naphtha transfer
- Diesel transfer
- Treated seawater
- Boiler feed boosting



Features and Benefits

- 1 Heavy wall casing and mounting feet**
 - Designed for long life even with high temperature and heavy loads
 - Minimum distortion even when subjected to two times API 610 nozzle loads
- 2 Classically stiff shaft design**
 - First critical speed well above operating speed
 - Deflection at mechanical seal less than API 610 limit for longer seal life
- 3 Fan cooled 40° angular contact thrust bearings with ring oil lubrication**
 - Provides long bearing life even with 400°C (750°F) pumpage
- 4 Full cartridge mechanical seal**
 - Ease of seal replacement and assured accurate seal setting
- 5 Impeller**
 - CFD designed for enhanced efficiency and NPSH3
- 6 Tapered shaft**
 - Fast coupling removal for ease of seal maintenance

BBS Double Suction Between Bearings Single Stage Process Pump ISO 13709 (API 610) Type BB2



Oil and gas



Hydrocarbon processing



Power generation



Pulp and paper



General industry



Chemical processing

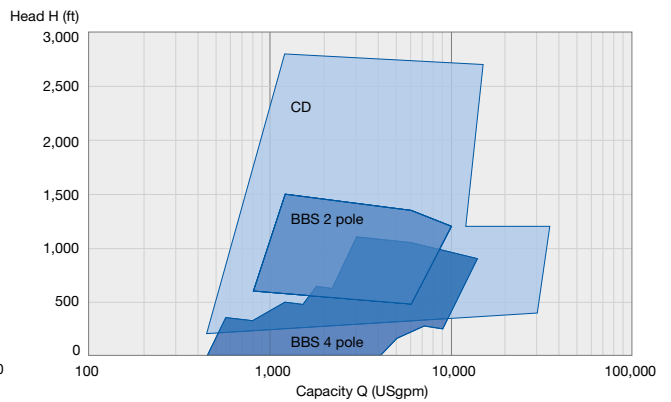
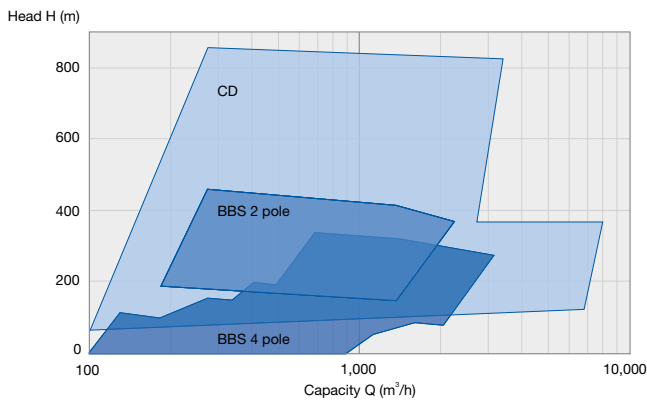


Water and wastewater

Operating data

50 Hz		60 Hz
150 to 350 mm	Pump sizes	6 to 14 in
up to 5,000 m ³ /h	Capacities	up to 22,000 USgpm
up to 450 m	Heads	up to 1,500 ft
up to 50 bar	Pressures	up to 740 psi
up to 425°C	Temperatures	up to 800°F

Performance ranges



- BBS product range
- CD product range

Materials

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

We Do What We Say

Customer partnership

- We are **reliable partners**
- 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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