

## Radial Split Between Bearing Pump

energy API CE

## DHB

## ● Applications

- Petroleum Refinery
- Petrochemical Industry
- Other Chemical
- High Temperature / Pressure Services

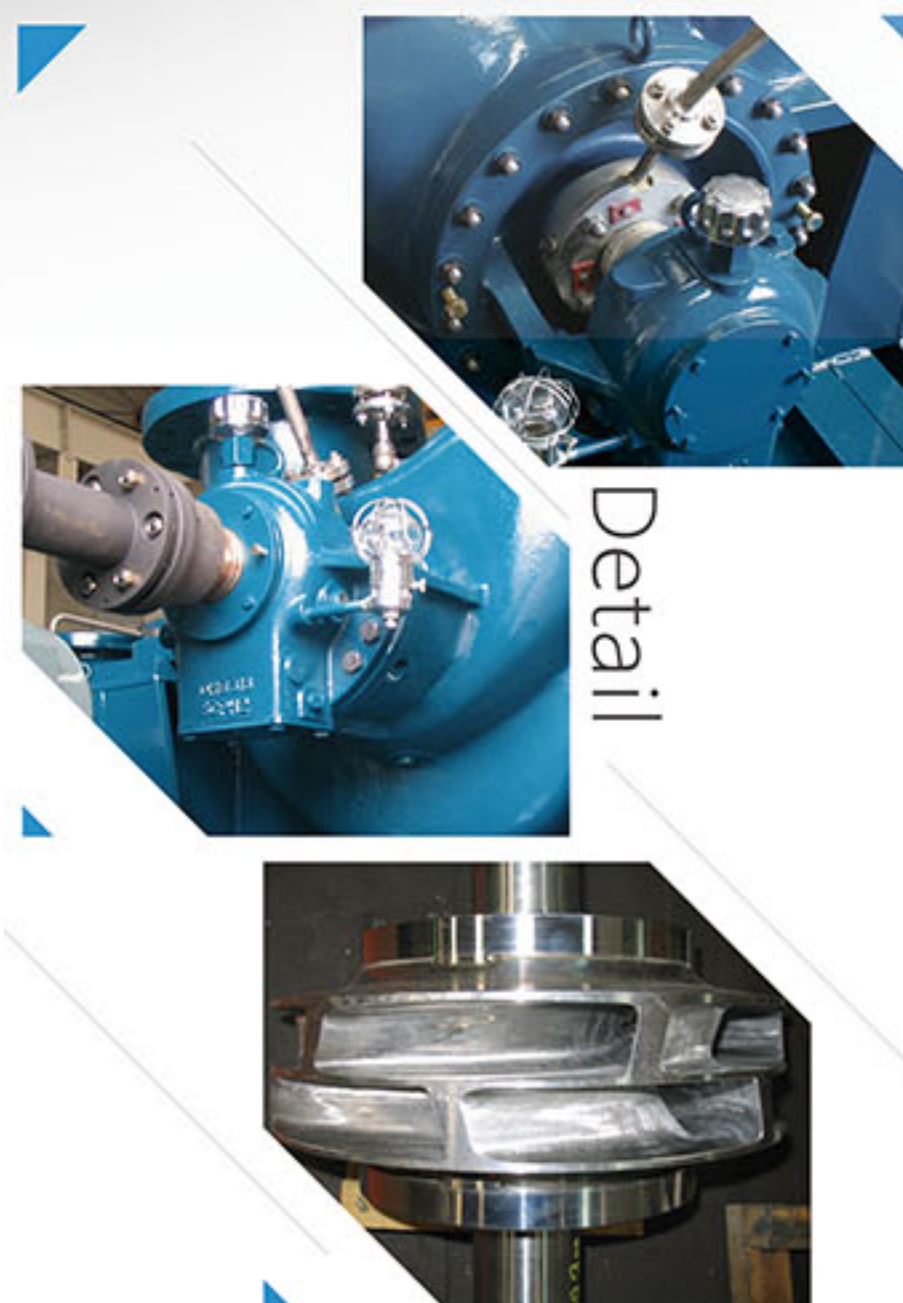
## ● Feature

- ✓ Centerline supported and heavy duty design
- ✓ High efficiency
- ✓ Completely standardization for wide application
- ✓ API610 Latest edition is available on request
- ✓ API standard 610 (API Code : BB2)

## ● Ratings

Capacity	Up to 100 m <sup>3</sup> /min (26,417 US GPM)
Head	Up to 550 m (1,804 ft)
Discharge Pressure	Up to 50 kgf/cm <sup>2</sup> G (711 PSIG)
Allowable Suction Pressure	Up to 40 kgf/cm <sup>2</sup> G (568 PSIG)
Impeller type	Enclosed
Temperature	-100°C ~ 460°C (-148°F ~ 860°F)
Flanges	ANSI, other standards also available
Location	Top Suction : Top Discharge
Seals	Conventional Packing or Mechanical Seal and Throttle bushing
Materials	According to API 610 Material code

\*API610 latest edition is available on request



## ● 2D Model Drawing

## ● Impeller

Enclosed type impeller. It is easy to replace Casing wearing and Impeller wearing.

## ● Casing

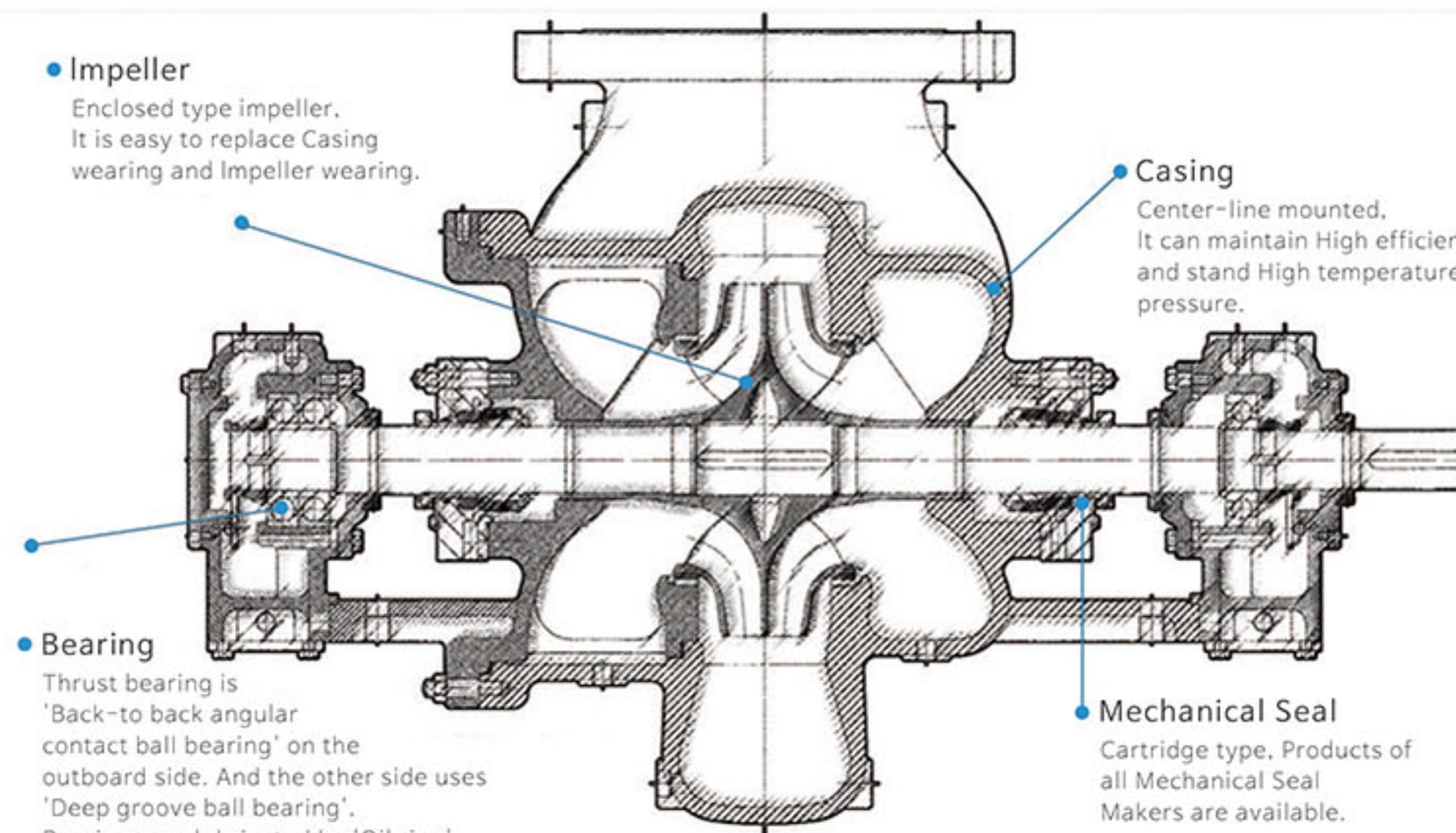
Center-line mounted. It can maintain High efficiency and stand High temperature / pressure.

## ● Bearing

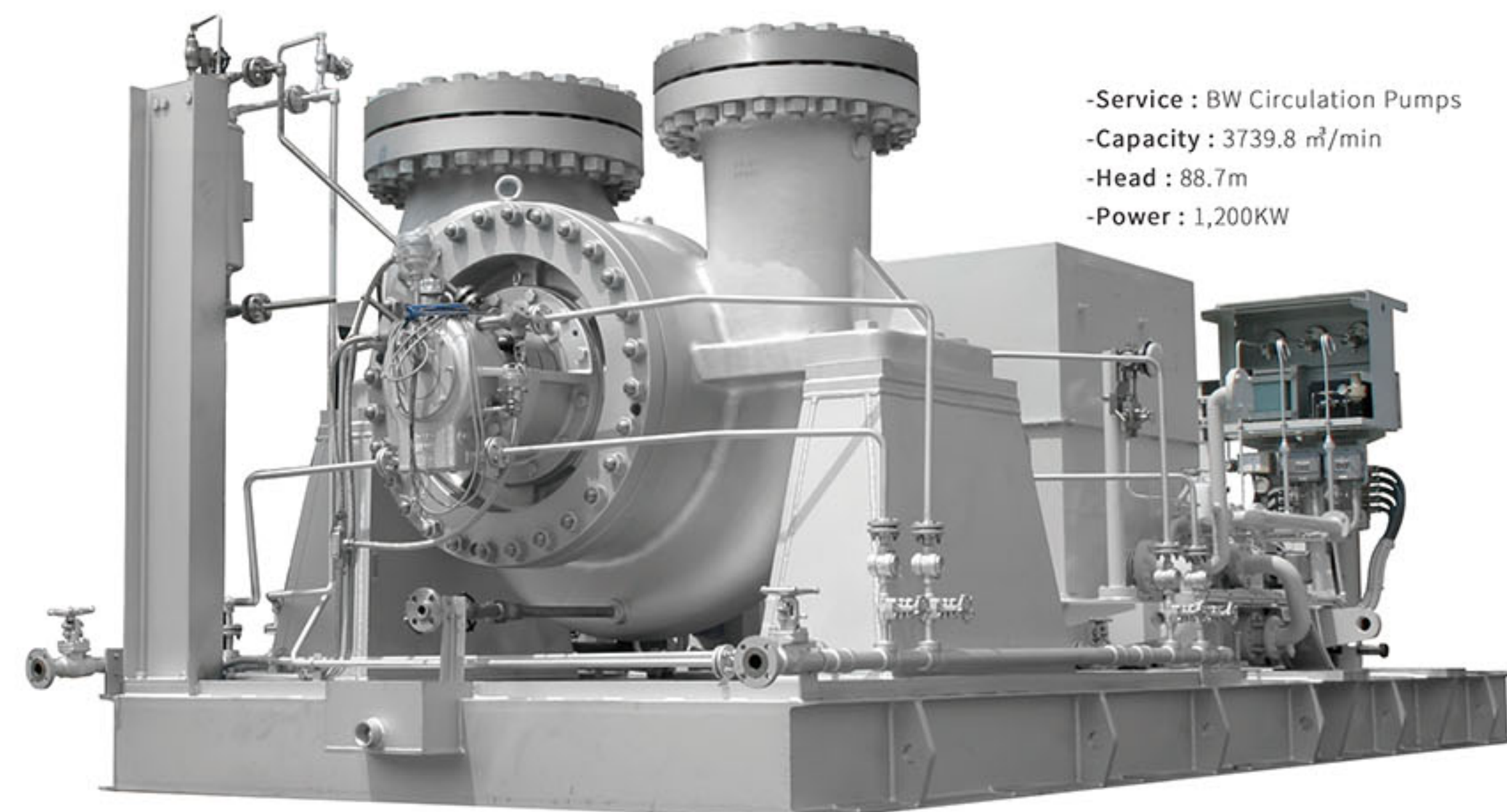
Thrust bearing is 'Back-to-back angular contact ball bearing' on the outboard side. And the other side uses 'Deep groove ball bearing'. Bearings are lubricated by 'Oil ring'.

## ● Mechanical Seal

Cartridge type. Products of all Mechanical Seal Makers are available.



## ● Photo Resources



- Service : BW Circulation Pumps
- Capacity : 3739.8 m<sup>3</sup>/min
- Head : 88.7m
- Power : 1,200KW

API610 Pumps for power plants