

## Double Casing Barrel Pumps

energy API CE

## DST

## ● Applications

- High Pressure & Temperature
- Steel mill Descale
- Petroleum refinery / Petrochemical industry
- Power Plant Boiler Main Water Supply System

## ● Feature

- ✓ Centerline support and heavy duty design.
- ✓ Double casing, permits removal of the inner casing.
- ✓ Flexibility of design handles wide range of liquids.
- ✓ All components have been designed for High interchangeability.
- ✓ Low NPSH performance.
- ✓ API standard 610 (API Code : BB5)

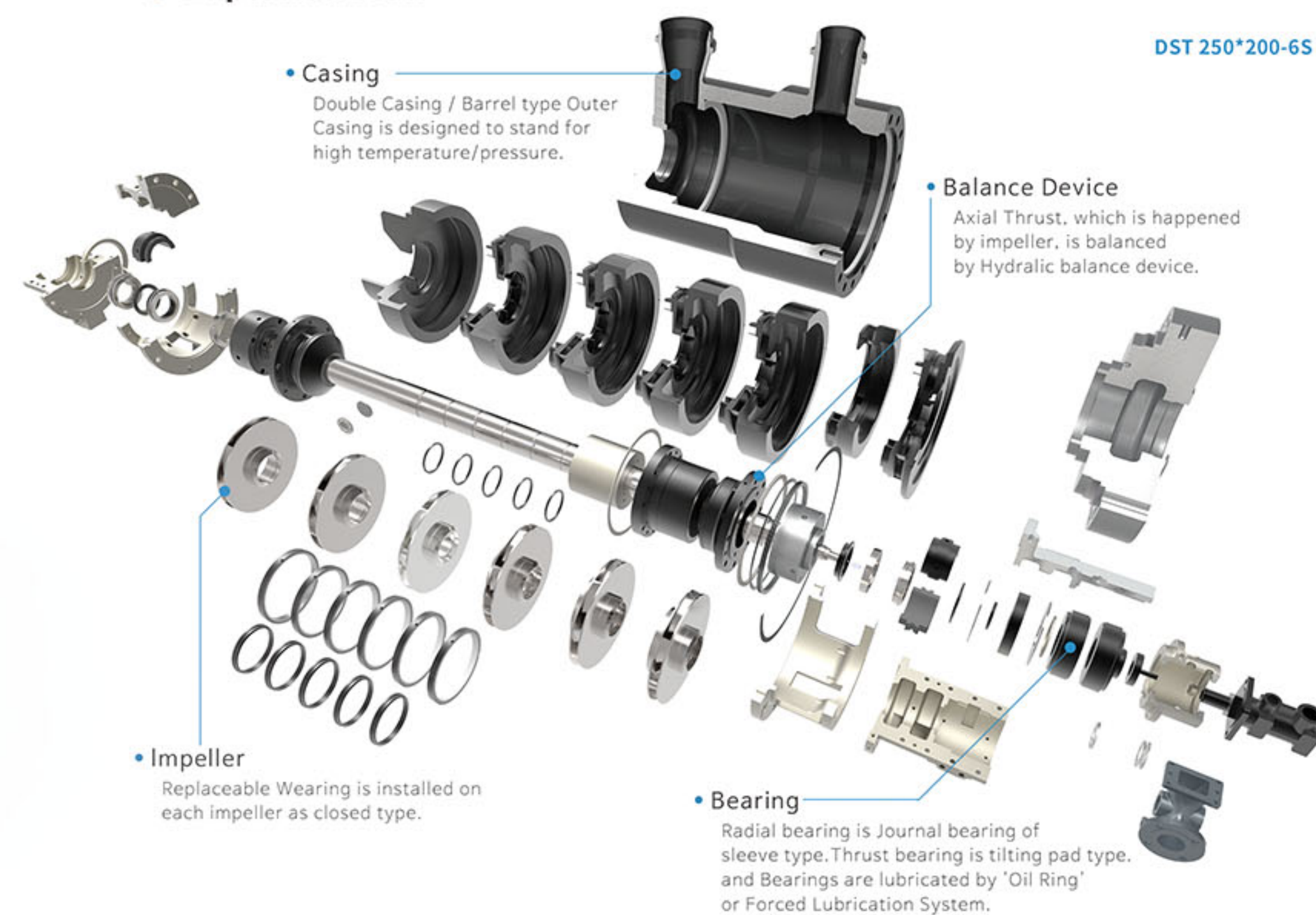
## ● Ratings

Capacity	Up to 20 m <sup>3</sup> /min (5,283 US GPM)
Head	Up to 4,000 m (13,123 ft)
Suction/Discharge Pressure	Up to 40 kgf/cm <sup>2</sup> G / Up to 400 kgf/cm <sup>2</sup> G (568 / 5689 PSIG)
Hydrostatic Test Pressure	Up to 600 kgf/cm <sup>2</sup> G (8,534 PSIG)
Max. Allowable Revolution	7,000min <sup>-1</sup>
Temperatures	~300°C (~572°F)
Impeller type	Enclosed
Nozzles	Top-Top
Flanges	~ANSI 2500 lb, other standards also available
Shaft Seals	Mechanical Seal, Conventional Packing, Floating Seal & Throttle Bushing
Materials	According to API 610 Material code

\*API610 latest edition is available on request



## ● Exploded view



## ● Photo Resources

## API610 Pumps for power plants

- Service : Startup feed pump
- Capacity : 545.1 m<sup>3</sup>/min
- Head : 883.92m
- Power : 1,828KW

