

Double Casing Barrel Pumps



DST



Applications

- 초고압, 고온용 High Pressure & Temperature
- 제철소 디스케일용 Steel mill Descale
- 정유, 석유화학용
Petroleum refinery / Petrochemical industry
- 발전소 메인 보일러 급수용
Power Plant Boiler Main Water Supply System

Feature

- ☑ 중심 지지의 견고한 디자인
Centerline support and heavy duty design.
- ☑ 더블케이싱, 내부 케이싱의 제거를 허용
Double casing, permits removal of the inner casing.
- ☑ 폭넓은 사용범위
Flexibility of design handles wide range of liquids.
- ☑ 최대의 호환성
All components have been designed for High interchangeability.
- ☑ 낮은 필요흡입양정
Low NPSH performance.
- ☑ API standard 610 적용 (API Code : BB5)
API standard 610 (API Code : BB5)

Ratings

Capacity	Up to 20 m ³ /min (5,283 US GPM)
Head	Up to 4,000 m (13,123 ft)
Suction/Discharge Pressure	Up to 40 kgf/cm ² G / Up to 400 kgf/cm ² G (568 / 5689 PSIG)
Hydrostatic Test Pressure	Up to 600 kgf/cm ² G (8,534 PSIG)
Max. Allowable Revolution	7,000min ⁻¹
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

*API 610 최신 버전은 요청에 따라 적용할 수 있습니다.



Exploded view



Photo Resources

API610 Pumps for power plants

- Service : Startup feed pump
- Capacity : 545.1 m³/min
- Head : 883.92m
- Power : 1,828KW

