Double Suction Pumps Multi Stage Type

**SMD**

- **Applications**
  - Water Supply
  - Cooling Water
  - Boiler circulation
  - General Industries
  - Petroleum refinery
  - Petrochemical Industry

- **Feature**
  - Improved capacity and high pressure
  - Low maintenance cost
  - High efficiency, heavy and sturdy construction
  - Completely standardized for wide application
  - API standard 610 (Code: B63)

- **Ratings**
  - Capacity: Up to 35m³/min (8246 US GPM)
  - Head: Up to 40m (131.2 ft)
  - Discharge Pressure: Up to 6000psi (413.5 PSIG)
  - Allowable Suction Pressure: Up to 2040psi (141.95 PSIG)
  - Impeller: Enclosed
  - Temperature: -50°C ~ 150°C (-58°F ~ 302°F)
  - Flanges: ANSI, other standards also available
  - Materials: According to API 610 Material code

- **Photo Resources**
  - Service: Service Pump
  - Capacity: 625.2 m³/min
  - Head: 213m
  - Power: 570KW

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Design drawing

- Casing
  - Beam design aims to achieve uniform load distribution,
  - Anti-wear protection is necessary.

- Impeller
  - Back-to-back angular contact ball bearing

- Bearing
  - Needle, cylindrical, angular contact ball bearing

- Packing
  - Francis impeller

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Condensate Pumps
for OFC Rehm natural gas power plant